

# SUPERMICRO®

## Mission Critical Server Solutions

1U Twin™ • 2.5" HDD Solutions • UIO Solutions • 290 GFLOPS/kW



### 1U Twin™ SuperServer

- 2 DP nodes & up to 16 cores in 1U
- Four 2.5" HDD per node
- Up to 90%+ High-Efficiency 780W power supply
- Excellent Performance per Watt



### Greenest 1U Server

- World's First 1U Silver Level Power Supply
- 4/8 2.5" HDDs in 1U server
- Minimum power consumption
- Best Performance per Watt



### Whisper-Quiet™ SuperWorkstation

- 28dB Whisper-Quiet operation
- Up to 64GB ECC Reg. DDR2/FBD memory
- High-Efficiency 865W power supply
- 6-pin power for high-end graphics card

Server Catalog August 2008

# 1U Twin™

## Two Nodes in 1U

### Optimized for Best Performance Per Watt & TCO

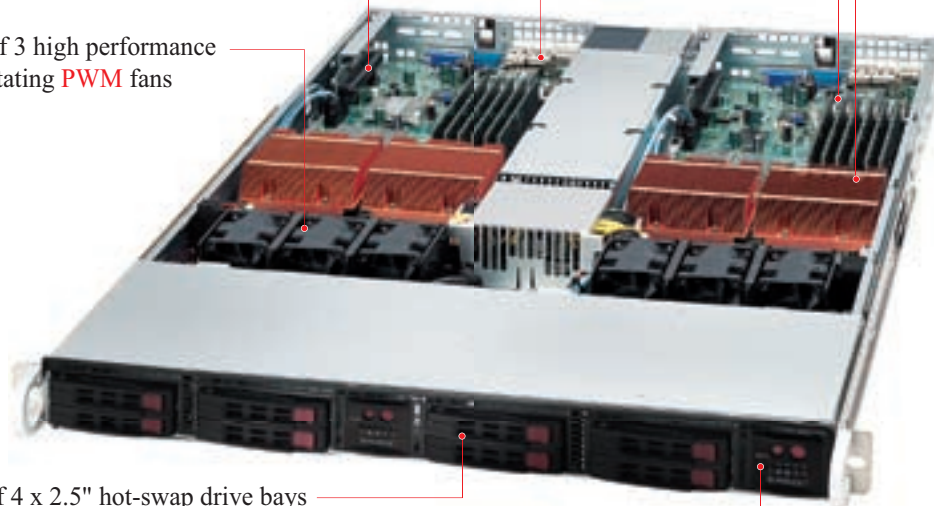
Quad-core/Dual-core Xeon 5400/5300/5200/5100 series processor support

Up to 48GB of Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets

Intel 82598EB 10Gigabit Ethernet controller w/CX4 interface

1 PCI-Express x16

**Twin** set of 3 high performance counter-rotating PWM fans



**Twin** set of 4 x 2.5" hot-swap drive bays

**Twin** set of power switches, reset buttons & 5 LED indicators



**780W** High-Efficiency Power supply (up to 91%\*)

**Twin** set of 2x USB ports

**Twin** set of Dual Gigabit LAN

**Twin** set of COM/VGA output

**Twin** set of **10 Gigabit Ethernet port**

## SuperServer 1025TC-10GB

For the best 1U data center solution (240 GFLOPS/kW\*), the Supermicro 1U Twin™ was designed to optimize system power by utilizing high-efficiency power supplies, in addition to motherboard, chassis, components, and cooling sub-system designs for high performance and high efficiency. When incorporating the Intel® 5100 (San Clemente) chipset this system offers superior price-performance with lower power consumption, providing tremendous improvement in Total Cost of Ownership (TCO), allowing as much as **\$400** savings in 3 years, per node. The Supermicro 1U Twin™ servers are an outstanding example of innovation meeting the increasing density requirements of high-performance data centers.

\* Performance and peak power efficiency measures based on internal test results.



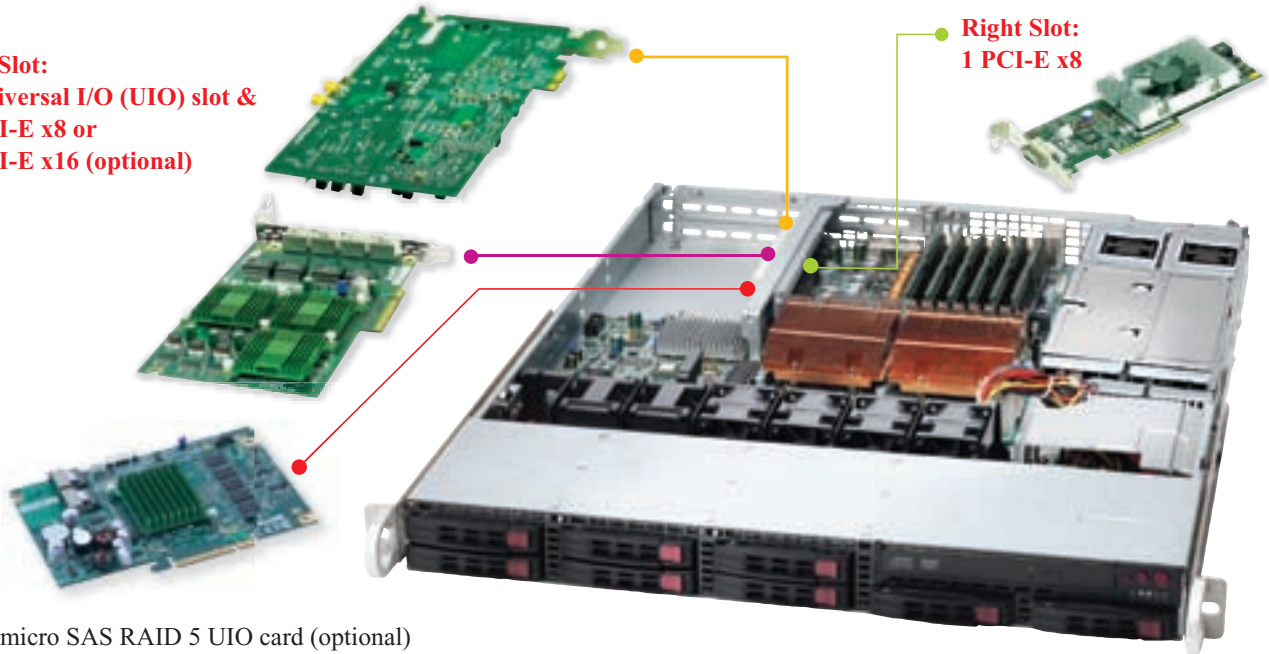
# UIO

## Universal I/O

Up to 3 or 7 Add-on Cards for 1U or 2U  
 90%+ High-Efficiency Power, 2.5" HDD  
 Performance & Power Saving, and  
 Flexible I/O Configurations

**Left Slot:**  
 1 Universal I/O (UIO) slot &  
 1 PCI-E x8 or  
 1 PCI-E x16 (optional)

**Right Slot:**  
 1 PCI-E x8



Supermicro SAS RAID 5 UIO card (optional)

Model	Controller/IOP	SAS Port	RAID	Onboard Cache
AOC-USAS-L8i	LSISAS 1068E	8 ports, 3Gb/s per port 8 Internal	IT/HBA Mode	-
AOC-USASLP-L8i*	LSISAS 1068E	8 ports, 3Gb/s per port 8 Internal, Low Profile	IT/HBA Mode	-
AOC-USAS-L4i	LSISAS 1068E	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 10	-
AOC-USAS-L4iR	LSISAS 1068E	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 10 RAID 5 with iButton	-
<b>NEW!</b> AOC-USASLP-H8iR*	LSISAS 1078	8 ports, 3Gb/s per port 8 Internal	RAID 0, 1, 5, 6, 10, 50, 60 RAID 5 with iButton	512MB DDR2 on-card cache w/ battery back-up option
AOC-USAS-H8iR	LSISAS 1078	8 ports, 3Gb/s per port 8 Internal	RAID 0, 1, 5, 6, 10, 50, 60 RAID 5 with iButton	256MB DDR2 on-card cache w/ battery back-up option
AOC-USAS-H4iR	LSISAS 1078	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 5, 6, 10, 50, 60 RAID 5 with iButton	256MB DDR2 on-card cache w/ battery back-up option
AOC-USAS-S4i	Intel IOP348	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 10	128Mb DDR2 on-card cache
AOC-USAS-S4iR	Intel IOP348	8 ports, 3Gb/s per port 4 Internal, 4 External	RAID 0, 1, 5, 10	256MB DDR2 on-card cache w/ battery back-up option
AOC-USAS-S8i	Intel IOP348	8 ports, 3Gb/s per port 8 Internal	RAID 0, 1, 10	128Mb DDR2 on-card cache
AOC-USAS-S8iR	Intel IOP348	8 ports, 3Gb/s per port 8 Internal	RAID 0, 1, 5, 10	256MB DDR2 on-card cache w/ battery back-up option
AOC-USASLP-S8i	Intel IOP348	8 ports, 3Gb/s per port 8 Internal, Low Profile	RAID 0, 1, 10	128Mb DDR2 on-card cache
AOC-USASLP-S8iR	Intel IOP348	8 ports, 3Gb/s per port 8 Internal, Low Profile	RAID 0, 1, 5, 6, 10, 50, 60	256MB DDR2 on-card cache w/ battery back-up option

\* Apply to 2U low-profile & above

### 10G UIO Cards:



AOC-UTG-i2

AOC-NXB-10GXSR

AOC-STG-i2

### 4-port 1G UIO Cards:



AOC-UG-i4

AOC-NXB-10GCX4

### Infiniband UIO Card:



AOC-UINF-M2

# 28dB Whisper-Quiet Performance & High-Efficiency Power Supply

Quad/Dual-core Xeon 5400/5300/5200/5100 processors support

Up to 48GB of Reg. ECC DDR2 667/533 SDRAM

SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN)

28dB Whisper-Quiet System Chassis  
865W Low-Noise High Efficiency Power Supply

90-degree rotatable module includes 2 USB 2.0 ports, 6 LED indicators, FDD, 2 x 5.25" drive bays



1 PCI-E x16  
1 PCI-E x4 (using x16 slot)  
1 PCI-X 133MHz  
2 PCI slots

Whisper-Quiet Cooling System with hot-plug fans

8 x 3.5" hot-swap SAS/SATA drive bays with SES2

## SuperWorkstation 7045A-C3

Supermicro's Whisper-Quiet SuperWorkstations are a marvel in advanced engineering design. The impressive performance advantages delivered by these Workstations include sharply increased system performance (up to 30%), innovative new whisper-quiet (28dB) acoustically optimized complete system designs, 20% energy savings from the state-of-the-art DDR2 memory system, and new high-efficiency (>85%) power supplies as verified by Supermicro testing... all perfectly complemented with optimum cooling across all CPU speeds provided by advanced fan control. These outstanding energy-saving advantages make the Whisper-Quiet Workstations perfect for any office environment.

Supermicro's 7045A-C3 and 7045A-CT Whisper-Quiet SuperWorkstations, based on the Intel® 5100 (San Clemente) chipset, feature PCI-Express x16 slot, and 7.1 high-definition audio. These high-end systems are excellent choices for computer-aided design, graphics rendering and gaming applications. Facilitating excellent storage expansion, the high-end 7045A-C3 includes eight hot-plug SAS drives while the cost-effective 7045A-CT supports up to 6 terabytes (TB) of hot-plug SATA storage capacity.

**SUPERMICR**®  
Server  
Solutions

**1U Twin™  
2.5" SATA HDD  
10 Gigabit Ethernet**



**1U Twin™  
2.5" SATA HDD**



**2.5" SAS HDD**



	SuperServer 1025TC-10GB	SuperServer 1025TC-TB	SuperServer 1025C-URB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/ 5100 series (LGA771)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	Two nodes in 1U Up to 16 Cores in 1U 10 Gigabit Ethernet controller onboard Double density and computing power Independent power control & cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs	Two nodes in 1U Up to 16 Cores in 1U Double density and computing power Independent power control Independent cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs	Less power consumption Higher I/O performance 2 full-height & full-length cards Flexible UIO SAS controller card Eight 2.5" SAS drive bays 7 years product life Redundant high-efficiency power supply
Chipset/Serverboard™	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DCT-10G	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DCT	Intel® 5100 chipset with 1.33GHz FSB / <b>SUPER</b> ® X7DCU
System Memory (Max.)	Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets
Expansion Slots	Twin set of PCI-E x16 via riser card (Low-profile)	Twin set of PCI-E x16 via riser card (Low-profile)	Right slot: 1 PCI-E x8 (low-profile) Left slot: 1 UIO & 1 PCI-E x8 (full-length)
Onboard SAS/SCSI/SATA/RAID	Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux) Optional UIO SAS controller card
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	N/A
Onboard LAN/VGA	Twin set of Dual LAN with Intel® 82598EB 10 Gigabit & 82573V/L Gigabit Ethernet controller (w/IOAT support) Twin set of ATI® ES1000 32MB PCI graphics	Twin set of Dual LAN with Intel® 82573V/L Gigabit Ethernet controllers (w/IOAT support) Twin set of ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT support) ATI® ES1000 32MB PCI graphics
Manageability	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	SATA: 4 TB for each node	SATA: 4 TB for each node	8 TB
Drive Bays	Twin set of 4 x 2.5" hot-swap drive bays	Twin set of 4 x 2.5" hot-swap drive bays	8 x 2.5" hot-swap drive bays
Peripheral Bays	N/A	N/A	N/A
Power Supply	780W high-efficiency power supply w/I <sup>2</sup> C	780W high-efficiency power supply w/I <sup>2</sup> C	Redundant high-efficiency 650W w/I <sup>2</sup> C
Cooling System	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")

**1U Twin™  
10 Gigabit Ethernet**



**1U Twin™**



**U10 SAS RAID 5**



**U10 SAS RAID 5**



SuperServer 6015TC-10GB	SuperServer 6015TC-TB	SuperServer 6015C-URV SuperServer 6015C-URB	SuperServer 6015C-UV SuperServer 6015C-UB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/ 5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/ 5100 series (LGA771)
HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Two nodes in 1U Up to 16 Cores in 1U Double density and computing power Independent power control Independent cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs	Two nodes in 1U Up to 16 Cores in 1U Double density and computing power Independent power control Independent cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs	Less power consumption Higher I/O performance Flexible U10 SAS controller card 7 years product life Redundant high-efficiency power supply	Less power consumption Higher I/O performance Flexible U10 SAS controller card 7 years product life High-efficiency power supply
Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DCT-10G	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DCT	Intel® 5100 chipset with 1.33GHz FSB / <b>SUPER</b> ® X7DCU	Intel® 5100 chipset with 1.33GHz FSB / <b>SUPER</b> ® X7DCU
Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	Twin set of 48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets
Twin set of PCI-E x16 via riser card	Twin set of PCI-E x16 via riser card	Right slot: 1 PCI-E x8 (low-profile) Left slot: 1 U10 & 1 PCI-E x8 (full-length)	Right slot: 1 PCI-E x8 (low-profile) Left slot: 1 U10 & 1 PCI-E x8 (full-length)
Twin set of Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux) Optional U10 SAS controller card	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux) Optional U10 SAS controller card
N/A	N/A	N/A	N/A
Twin set of Intel® 82598EB 10 Gigabit + 82573V + 82573L Ethernet Controllers (w/IOAT support) Twin set of ATI® ES1000 32MB PCI graphics	Twin set of Intel® 82573V + 82573L Ethernet Controllers (w/IOAT support) Twin set of ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT support) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT support) ATI® ES1000 32MB PCI graphics
Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog
SATA: 2 TB for each node	SATA: 2 TB for each node	2.4 TB	2.4 TB
Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays
N/A	N/A	N/A	N/A
780W high-efficiency power supply w/I <sup>2</sup> C	780W high-efficiency power supply w/I <sup>2</sup> C	Redundant high-efficiency 650W w/I <sup>2</sup> C	High-efficiency 560W w/I <sup>2</sup> C
Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")



**3 Add-on Cards**



**3 Add-on Cards**



**3 Add-on Cards**



	SuperServer 6015C-NTRV SuperServer 6015C-NTRB	SuperServer 6015C-NTV SuperServer 6015C-NTB	SuperServer 6015C-Ni SuperServer 6015C-NiB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/ 5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	Less power consumption Higher I/O performance Flexible UIO SAS controller card 7 years product life Redundant high-efficiency power supply	Less power consumption Higher I/O performance Flexible UIO SAS controller card 7 years product life High-efficiency power supply	Less power consumption Higher I/O performance Flexible UIO SAS controller card 7 years product life High-efficiency power supply
Chipset/Serverboard™	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DCU	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DCU	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DCU
System Memory (Max.)	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets
Expansion Slots	Right slot: 1 PCI-E x8 (low-profile) Left slot: 2 PCI-E x8 (full-length) or option 1 PCI-E x16	Right slot: 1 PCI-E x8 (low-profile) Left slot: 2 PCI-E x8 (full-length) or option 1 PCI-E x16	Right slot: 1 PCI-E x8 (low-profile) Left slot: 2 PCI-E x8 (full-length)
Onboard SAS/SCSI/SATA/RAID	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	N/A
Onboard LAN/VGA	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT) ATI® ES1000 32MB PCI graphics
Manageability	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	2.4 TB	2.4 TB	1.8 TB
Drive Bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	3 x 3.5" internal drive bays
Peripheral Bays	N/A	N/A	N/A
Power Supply	Redundant high-efficiency 650W w/I <sup>2</sup> C	High-efficiency 560W w/I <sup>2</sup> C	520W high-efficiency power supply w/I <sup>2</sup> C
Cooling System	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers w/optimal fan speed control
Form Factor	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 426 x 43 x 650mm (16.8" x 1.7" x 25.6")



**World's First 1U**  
Silver Level 80 Plus®  
Certified Power Supply

**Infiniband 1U Twin™**  
1.6GHz FSB

**1U Twin™**  
1.6GHz FSB

**1.6GHz FSB**  
**UIO SAS RAID 5**



SuperServer 1025W-UB SuperServer 1025W-URB	SuperServer 6015TW-INFV SuperServer 6015TW-INFB	SuperServer 6015TW-TV SuperServer 6015TW-TB	SuperServer 6015W-URV SuperServer 6015W-URB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/ 5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/ 5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/ 5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)
HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	High-end enterprise server, SQL server, high performance computing cluster (HPC)
<b>The World's First 1U Silver Level Power Supply</b> Less power consumption Higher I/O performance Flexible UIO SAS controller card Eight 2.5" SAS drive bays High computing performance Redundant high-efficiency power supply	<b>Two nodes in 1U</b> <b>Up to 16 Cores in 1U</b> Double density and computing power Independent power control Independent cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs	<b>Two nodes in 1U</b> <b>Up to 16 Cores in 1U</b> Double density and computing power Independent power control Independent cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs	<b>Universal I/O (UIO) slot</b> 4 hot-swap drive bays 64 GB FB-DIMM memory 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID LED
Intel® 5400 chipset with 1.6GHz FSB/ <b>SUPER® X7DWU</b>	Intel® 5400 chipset with 1.6GHz FSB/ <b>SUPER® X7DWT-INF</b>	Intel® 5400 chipset with 1.6GHz FSB / <b>SUPER® X7DWT</b>	Intel® 5400 chipset with 1.6GHz FSB/ <b>SUPER® X7DWU</b>
64 GB Fully-buffered DIMM (FBD) DDRII 800/667/533 in 8 DIMM sockets <b>1.5V &amp; 1.8V FB-DIMM supported</b>	<b>Twin set</b> of 64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets <b>1.5V &amp; 1.8V FB-DIMM supported</b>	<b>Twin set</b> of 64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets <b>1.5V &amp; 1.8V FB-DIMM supported</b>	64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets <b>1.5V &amp; 1.8V FB-DIMM supported</b>
<b>Right slot:</b> 1 PCI-E Gen 2.0 x8 (low-profile) <b>Left slot:</b> 1 PCI-E x8 Gen. 2.0 & 1 UIO (full-height)	<b>Twin set</b> of PCI-E x16 Gen. 2.0 via riser card	<b>Twin set</b> of PCI-E x16 Gen. 2.0 via riser card	<b>Right slot:</b> 1 PCI-E x8 (low-profile) <b>Left slot:</b> 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8
Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	<b>Twin set</b> of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux) <b>Twin set of Mellanox 20Gbps Infiniband Controller</b>	<b>Twin set</b> of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards
N/A	N/A	N/A	N/A
Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT) ATI® ES1000 32MB PCI graphics	<b>Twin set</b> of Dual LAN with Intel® 82563 Gigabit Ethernet controllers (w/IOAT) <b>Twin set</b> of ATI® ES1000 32MB PCI graphics	<b>Twin set</b> of Dual LAN with Intel® 82563 Gigabit Ethernet controllers (w/IOAT) <b>Twin set</b> of ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT II) ATI® ES1000 32MB PCI graphics controller
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER® Doctor III, Watch Dog</b>	<b>Twin set</b> of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER® Doctor III, Watch Dog</b>	<b>Twin set</b> of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER® Doctor III, Watch Dog</b>	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER® Doctor III, Watch Dog</b>
8 TB	SATA: 2 TB for each node	SATA: 2 TB for each node	SAS: 1.2 TB (with optional UIO SAS controller card) SATA: 4 TB
8 x 2.5" hot-swap drive bays	<b>Twin set</b> of 2 x 3.5" hot-swap drive bays	<b>Twin set</b> of 2 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays
N/A	N/A	N/A	1 slim DVD-ROM drive
<b>1025W-UB: 560W Silver Level power supply</b> <b>1025W-URB: Redundant high-efficiency 650W w/1°C</b>	<b>980W</b> high-efficiency power supply w/1°C	<b>980W</b> high-efficiency power supply w/1°C	Redundant high-efficiency 650W w/1°C
4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	<b>Twin set</b> of 3 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	<b>Twin set</b> of 3 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")



**1.6GHz FSB**  
**3 Add-on Cards**



**1.6GHz FSB**  
**3 Add-on Cards**



**1U Twin™**



	SuperServer 6015W-NTV SuperServer 6015W-NTB	SuperServer 6015W-Ni SuperServer 6015W-NiB	SuperServer 6015T-INFV SuperServer 6015T-INFB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications
Outstanding Features	Supports up to 3 add-on cards 4 hot-swap drive bays 64 GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID LED	Supports up to 3 add-on cards 3 fixed drive bays 64 GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID LED	Two nodes in 1U Up to 16 Cores in 1U Double density and computing power Independent power control Independent cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs
Chipset/Serverboard™	Intel® 5400 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7DWU	Intel® 5400 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7DWU	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBT-INF
System Memory (Max.)	64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets <b>1.5V &amp; 1.8V FB-DIMM supported</b>	64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets <b>1.5V &amp; 1.8V FB-DIMM supported</b>	<b>Twin set</b> of 32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
Expansion Slots	Right slot: 1 PCI-E x8 (low-profile) Left slot: 2 PCI-E x8 or 1 PCI-E x16 (optional)	Right slot: 1 PCI-E x8 (low-profile) Left slot: 2 PCI-E x8 or 1 PCI-E x16 (optional)	<b>Twin set</b> of PCI-E x8 via riser card
Onboard SAS/SCSI/SATA/RAID	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	<b>Twin set</b> of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 <b>Twin set of Mellanox 20Gbps Infiniband Controller (6015T-INF (V/B) only)</b>
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	N/A
Onboard LAN/VGA	Dual LAN with Intel® 82575 Gigabit Ethernet controllers (w/IOAT II) ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82575 Gigabit Ethernet controllers (w/IOAT II) ATI® ES1000 32MB PCI graphics controller	<b>Twin set</b> of Dual LAN with Intel® 82563 Gigabit Ethernet controllers <b>Twin set</b> of ATI® ES1000 16MB PCI graphics
Manageability	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	<b>Twin set</b> of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	SATA: 4 TB	SATA: 3 TB	SATA: 2 TB for each node
Drive Bays	4 x 3.5" hot-swap drive bays	3 x 3.5" internal drive bays	<b>Twin set</b> of 2 x 3.5" hot-swap drive bays
Peripheral Bays	1 slim DVD-ROM drive	N/A	N/A
Power Supply	560W high-efficiency	520W high-efficiency	<b>980W</b> high-efficiency power supply w/I <sup>2</sup> C
Cooling System	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers	<b>Twin set</b> of 3 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 426 x 43 x 650mm (16.8" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")



SuperServer 6015T-TV SuperServer 6015T-TB	SuperServer 6015B-URV SuperServer 6015B-URB	SuperServer 6015B-UV SuperServer 6015B-UB	SuperServer 6015A-NTV SuperServer 6015A-NTB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
<b>Two nodes in 1U</b> <b>Up to 16 Cores in 1U</b> Double density and computing power Independent power control Independent cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs	<b>Universal I/O (UIO) slot</b> 4 hot-swap drive bays 32 GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID LED	<b>Universal I/O (UIO) slot</b> 4 hot-swap drive bays 32 GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID LED	<b>PCI-E x16 slot support</b> 4 hot-swap drive bays 32 GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID LED
Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBT	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBU	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBU	Intel® 5000X chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DGU
<b>Twin set</b> of 32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
<b>Twin set</b> of PCI-E x8 via riser card	<b>Right slot:</b> 1 Universal PCI-X 133 or PCI-E x8 <b>Left slot:</b> 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	<b>Right slot:</b> 1 Universal PCI-X 133 or PCI-E x8 <b>Left slot:</b> 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	<b>Right slot:</b> 1 Universal PCI-X 133 or PCI-E x8 <b>Left slot:</b> 1 PCI-E x16
<b>Twin set</b> of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10
N/A	N/A	N/A	N/A
<b>Twin set</b> of Dual LAN with Intel® 82563 Gigabit Ethernet controllers <b>Twin set</b> of ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller
<b>Twin set</b> of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog
SATA: 2 TB for each node	SAS: 1.2 TB (with optional UIO SAS controller card) SATA: 4 TB	SAS: 1.2 TB (with optional UIO SAS controller card) SATA: 4 TB	SATA: 4 TB
<b>Twin set</b> of 2 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays
N/A	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
<b>980W</b> high-efficiency power supply w/I <sup>2</sup> C	Redundant high-efficiency 650W w/I <sup>2</sup> C	560W high-efficiency	560W high-efficiency
<b>Twin set</b> of 3 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")

**3 Add-on Cards**



**3 Add-on Cards**



**3 Add-on Cards**



	SuperServer 6015B-NTRV SuperServer 6015B-NTRB	SuperServer 6015B-NTV SuperServer 6015B-NTB	SuperServer 6015B-Ni SuperServer 6015B-NiB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
Outstanding Features	Supports up to 3 add-on cards 4 hot-swap drive bays 32 GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID LED	Supports up to 3 add-on cards 4 hot-swap drive bays 32 GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID LED	Supports up to 3 add-on cards 4 hot-swap drive bays 32 GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID LED
Chipset/Serverboard™	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DBU	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DBU	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DBU
System Memory (Max.)	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
Expansion Slots	Right slot: 1 Universal PCI-X 133 or PCI-E x8 Left slot: 2 PCI-E x8	Right slot: 1 Universal PCI-X 133 or PCI-E x8 Left slot: 2 PCI-E x8	Right slot: 1 Universal PCI-X 133 or PCI-E x8 Left slot: 2 PCI-E x8
Onboard SAS/SCSI/SATA/RAID	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	N/A
Onboard LAN/VGA	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller
Manageability	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog
Internal Storage (Max.)	SATA: 4 TB	SATA: 4 TB	SATA: 3 TB
Drive Bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	3 x 3.5" internal drive bays
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	N/A
Power Supply	Redundant high-efficiency 650W w/1°C	560W high-efficiency	520W high-efficiency
Cooling System	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers
Form Factor	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 426 x 43 x 650mm (16.8" x 1.7" x 25.6")



**2U in 1U SAS**  
3+1 Add-on Cards

**2U in 1U SCSI**  
4+1 Add-on Cards

**2U in 1U SATA**  
4+1 Add-on Cards



SuperServer 6015X-3V SuperServer 6015X-3B	SuperServer 6015X-8V SuperServer 6015X-8B	SuperServer 6015X-TV SuperServer 6015X-TB	SuperServer 6015P-8R (B) SuperServer 6015P-8 (B)
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
Up to 3 expansion slots in 1U Universal PCI-X or PCI-Express 32 GB FBDIMM memory 2 Gigabit Ethernet ports SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Front Access 700W high-efficiency power	Up to 4 expansion slots in 1U 3 SCA drive bays with SAF-TE Universal PCI-X or PCI-Express 32 GB FBDIMM memory 2 Gigabit Ethernet ports & ZCR support SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Front Access 700W high-efficiency power	Up to 4 expansion slots in 1U Universal PCI-X or PCI-Express 32 GB FBDIMM memory 2 Gigabit Ethernet ports SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Front Access 700W high-efficiency power	4 SCA drive bays with SAF-TE Universal PCI-X or PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 700W redundant high-efficiency power
Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBX-i	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBX-8	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBX-i	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBP-8
32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x4 (low-profile) 1 PCI-E x8	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x4 (low-profile) 1 PCI-E x8 & 1 PCI-E x4 (full-length)/ 2 PCI-X 133MHz with optional riser card RSC-R1UEP-A2X (full-length)	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x4 (low-profile) 1 PCI-E x8 & 1 PCI-E x4 (full-length)/ 2 PCI-X 133MHz with optional riser card RSC-R1UEP-A2X (full-length)	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x8 (low-profile)
AOC-USAS-L4i SAS controller card installed support RAID 0, 1, 10	Adaptec 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Adaptec 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
N/A	AOC-LPZCR1, AOC-LPZCR2 or AOC-LPZCR3	N/A	AOC-LPZCR2, AOC-LPZCR1 or AOC-LPZCR3
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog
1.2 TB	900 GB	3 TB	1.2 TB
3 x 3.5" hot-swap SAS drive bays with SES2	3 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	3 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive & 1 slim floppy
700W high-efficiency power supply w/TC	700W high-efficiency power supply w/TC	700W high-efficiency power supply w/TC	6015P-8R (B): 700W redundant high-efficiency hot-swap power w/TC 6015P-8 (B): 700W high-efficiency cold-swap power supply w/TC
5 x 4cm heavy duty counter-rotating fans w/optimal fan speed control & air shroud	5 x 4cm heavy duty counter-rotating fans w/optimal fan speed control & air shroud	5 x 4cm heavy duty counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")



	SuperServer 6015P-TR (B)/ SuperServer 6015P-T (B)	SuperServer 6015B-8+V SuperServer 6015B-8+B	SuperServer 6015B-T+V SuperServer 6015B-T+B
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
Outstanding Features	4 SATA drive bays with SGPIO Universal PCI-X or PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMIU slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 700W redundant high-efficiency power	4 SCA drive bays with SAF-TE Universal PCI-X or PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 700W high-efficiency power	4 SATA drive bays with SGPIO Universal PCI-X or PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 700W high-efficiency power
Chipset/Serverboard™	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBP-i	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBR-8+	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBR-i+
System Memory (Max.)	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	64 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets	64 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets
Expansion Slots	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 133 MHz (low-profile)/ PCI-E x8 (low-profile)	1 Universal PCI-X 133 MHz (full-length)/ PCI-Express x8 (full-length)	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length)
Onboard SAS/SCSI/SATA/RAID	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	AOC-SOZCR1	N/A
Onboard LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
Manageability	SIMIU slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	4 TB	4 TB	4 TB
Drive Bays	4 x 3.5" hot-swap SATA drive bays with enclosure management w/SGPIO	4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE
Peripheral Bays	1 slim DVD-ROM drive & 1 slim floppy	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Power Supply	6015P-TR(B): 700W redundant high-efficiency hot-swap power supply w/TC 6015P-T(B): 700W high-efficiency power supply w/TC	700W high-efficiency power supply w/TC	700W high-efficiency power supply w/TC
Cooling System	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")



**World's First 1U**  
Silver Level 80 Plus®  
Certified Power Supply



**World's First 1U**  
Silver Level 80 Plus®  
Certified Power Supply

SuperServer 6015B-3R (V/B)/ SuperServer 6015B-3 (V/B)	SuperServer 6015B-8V SuperServer 6015B-8B	SuperServer 6015B-TV SuperServer 6015B-TB	SuperServer 1025C-3B
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	File server, e-mail server, web server for small business & other server applications
The World's First 1U Silver Level Power Supply 4 SAS/SATA drive bays with SES2 Universal PCI-X or PCI-Express 2 Gigabit Ethernet ports & ZCR support SIMSO socket (IPMI 2.0 w/virtual media over LAN & optional KVM-over-LAN) 560W/650W redundant high-efficiency power	4 SCA drive bays with SAF-TE Universal PCI-X or PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 560W high-efficiency power	4 SATA drive bays with SGPIO Universal PCI-X or PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 560W high-efficiency power supply	<b>The World's First 1U Silver Level Power Supply</b> 85%+ Power Efficiency (20%~100% Loading) 40% Less Power Consumption 130 to 150% Greater System Performance Up to 4 x 2.5" SAS or SATA HDD
Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBR-3	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBR-8	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DBR-E	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DCL-3
32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32/48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets
1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 133 MHz (low-profile)/ PCI-E x8 (low-profile)	1 Universal PCI-X 100 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile)/ PCI-E x8 (low-profile)	1 Universal PCI-X 133 MHz (full-length)/ PCI-E x8 (full-length) 1 Universal PCI-X 133 MHz (low-profile)/ PCI-E x8 (low-profile)	1 PCI-Express x8
Adaptec 9410 for 4 internal SAS/SATA ports and 1 external 4x port Intel® ESB2 for 6 SATA (3Gbps); RAID 0, 1, 5, 10	Adaptec 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	LSI® 1068E for 8 SAS/SATA ports; Optional i-Button for SAS RAID 5 support Intel® ICH9R for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
AOC-LPZCR2 or AOC-LPZCR3	AOC-LPZCR1, AOC-LPZCR2 or AOC-LPZCR3	N/A	N/A
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 Gigabit Ethernet controllers XGI Z9s 32MB graphics controller
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog
SATA: 4 TB SAS: 1.2 TB	4 TB	4 TB	1.6 TB
4 x 3.5" hot-swap SAS/SATA drive bays with SES2	4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	4 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	4 x 2.5" hot-swap SAS drive bays with SES2
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	N/A
6015B-3R (V/B): Redundant high-efficiency 650W w/1°C 6015B-3 (V/B): <b>560W Silver Level high-efficiency</b>	560W high-efficiency power supply	560W high-efficiency power supply	<b>560W Silver Level high-efficiency</b>
4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	4 x 4cm heavy duty counter-rotating fans w/optimal fan speed control & air shroud	3 x 4cm heavy-duty fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")





**World's First 1U  
Silver Level 80 Plus®  
Certified Power Supply**

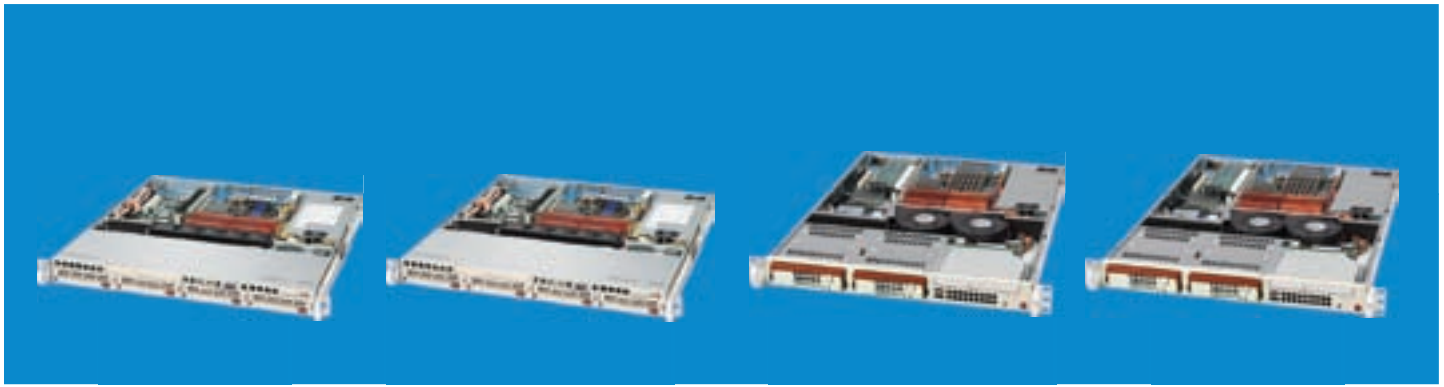
**Xeon DDR2  
Low Power Consumption  
w/4 SATA**

**Xeon DDR2 w/SAS  
Power Saving**

**SUPERMICR®**  
Server  
Solutions



	SuperServer 1025C-M3B	SuperServer 6015C-MT SuperServer 6015C-MTB	SuperServer 6015C-M3 SuperServer 6015C-M3B
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)
Key Applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications
Outstanding Features	<b>The World's First 1U Silver Level Power Supply</b> 85%+ Power Efficiency (20%~100% Loading) 40% Less Power Consumption 130~150% Greater System Performance Up to 8 2.5" SAS or SATA HDD	4 SATA drive bays with SGPIO PCI-Express x8 32/48 GB ECC reg. DDR2 memory 2 Gigabit Ethernet ports SIM1U socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 520W high-efficiency power supply	4 SAS drive bays with SES2 PCI-Express x8 32/48 GB ECC reg. DDR2 memory 2 Gigabit Ethernet ports SIM1U socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 520W high-efficiency power supply
Chipset/Serverboard™	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER® X7DCL-3</b>	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER® X7DCL-i</b>	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER® X7DCL-3</b>
System Memory (Max.)	32/48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	32/48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	32/48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets
Expansion Slots	<b>1 PCI-Express x8</b>	<b>1 PCI-Express x8</b>	<b>1 PCI-Express x8</b>
Onboard SAS/SCSI/SATA/RAID	<b>LSI®1068E for 8 SAS/SATA ports;</b> <b>Optional i-Button for SAS RAID 5 support</b> Intel® ICH9R for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	<b>LSI®1068E for 8 SAS/SATA ports;</b> <b>Optional i-Button for SAS RAID 5 support</b> Intel® ICH9R for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	N/A
Onboard LAN/VGA	Dual LAN with Intel® 82573 Gigabit Ethernet controllers XGI Z9s 32MB graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers XGI Z9s 32MB graphics controller	Dual LAN with Intel® 82573 Gigabit Ethernet controllers XGI Z9s 32MB graphics controller
Manageability	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER® Doctor III, Watch Dog</b>	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER® Doctor III, Watch Dog</b>	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER® Doctor III, Watch Dog</b>
Internal Storage (Max.)	1.6 TB	4 TB	1.6 TB
Drive Bays	8 x 2.5" hot-swap SAS drive bays with SES2	4 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	4 x 3.5" hot-swap SAS drive bays with SES2
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Power Supply	<b>560W Silver Level high-efficiency</b>	520W high-efficiency power supply	520W high-efficiency
Cooling System	4 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	4 x 4cm heavy duty fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty fans w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")



SuperServer 6015V-M3 SuperServer 6015V-M3B	SuperServer 6015V-MT SuperServer 6015V-MTB	SuperServer 6015V-T SuperServer 6015V-TB	SuperServer 6015V-TLP SuperServer 6015V-TLPB
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400LV/5300LV/5200/5100 series (LGA771)
File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business & other server applications
4 SAS drive bays w/SES2 1 PCI-X 133 MHz or 1 PCI-E x8 16 GB FB-DIMM memory 2 Gigabit Ethernet ports Front side USB 2.0 & serial ports SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 520W high-efficiency power supply	4 SATA drive bays w/SGPIO 1 PCI-X 133MHz or 1 PCI-E x8 16 GB FB-DIMM memory 2 Gigabit Ethernet ports Front-side USB 2.0 ports SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 520W high-efficiency power supply	2 SATA drive bays w/SGPIO 1 PCI-X 133 MHz 16 GB FB-DIMM memory 2 Gigabit Ethernet ports Front side USB 2.0 ports SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 520W high-efficiency power supply	2 SATA drive bays w/SGPIO 1 PCI-X 133MHz 16 GB FB-DIMM memory 2 Gigabit Ethernet ports Front side USB 2.0 ports SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 280W high-efficiency power supply
Intel® 5000V chipset with 1.33GHz FSB/ SUPER® X7DVL-3	Intel® 5000V chipset with 1.33GHz FSB/ SUPER® X7DVL-i	Intel® 5000V chipset with 1.33GHz FSB/ SUPER® X7DVL-E	Intel® 5000V chipset with 1.33GHz FSB/ SUPER® X7DVL-i
16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets
1 Universal 64-bit PCI-X 133 MHz or PCI-E x8	1 Universal 64-bit PCI-X 133MHz or PCI-E x8	1 64-bit PCI-X 133 MHz	1 Universal 64-bit PCI-X 133MHz or 1 PCI-E x8
LSI® 1068E for 8 SAS/SATA ports; Optional i-Button for SAS RAID 5 support Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
N/A	N/A	N/A	N/A
Dual LAN with Intel® 82563EB Gigabit Ethernet controller XGI Z7 16MB graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller XGI Z7 16MB graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog
1.6 TB	4 TB	2 TB	2 TB
4 x 3.5" hot-swap SAS drive bays with SES2	4 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	2 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	2 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
520W high-efficiency	520W high-efficiency	520W high-efficiency	280W high-efficiency
4 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	4 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	2 x 10cm high performance blowers w/optimal fan speed control & air shroud	2 x 10cm high performance blowers w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 426 x 44 x 574mm (16.8" x 1.7" x 22.6")	1U Rackmount 426 x 44 x 574mm (16.8" x 1.7" x 22.6")



	SuperServer 6015V-MR SuperServer 6015V-MRB	SuperServer 6015V-MRLP SuperServer 6015V-MRLPB	SuperServer 8015C-TB
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400LV/5300LV/5200/5100 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® MP Processor 7300/7200 series
Key Applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC), high density server farm
Outstanding Features	Optimized for shallow racks 1 PCI-X 133 MHz 16 GB FB-DIMM memory 2 Gigabit Ethernet ports Front side USB 2.0 ports SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 520W high-efficiency power supply	Optimized for shallow racks 1 PCI-X 133 MHz 16 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 280W high-efficiency power supply	16 processing cores in 1U 3 SATA drive bays PCI-Express x8 192 GB FB-DIMM 667/533 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 server management 1000W high-efficiency power
Chipset/Serverboard™	Intel® 5000V chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DVL-E	Intel® 5000V chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DVL-E	Intel® 7300 chipset with 1.06GHz FSB/ <b>SUPER</b> ® X7QCE
System Memory (Max.)	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	192 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 24 DIMM sockets
Expansion Slots	1 64-bit PCI-X 133 MHz	1 64-bit PCI-X 133 MHz	1 PCI-E x8 (using x16 slot)
Onboard SAS/SCSI/SATA/RAID	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA; RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	N/A
Onboard LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller
Manageability	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	1 TB	2 TB	3 TB
Drive Bays	1 x 3.5" fixed SATA drive bay with enclosure management (SGPIO)	2 x 3.5" fixed SATA drive bays with enclosure management (SGPIO)	3 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Power Supply	520W high-efficiency	280W high-efficiency	1000W high-efficiency power supply w/TC
Cooling System	3 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	2 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	6 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud
Form Factor	Mini 1U Rackmount 437 x 44 x 369mm (17.2" x 1.7" x 14.5")	Mini 1U Rackmount 437 x 44 x 369mm (17.2" x 1.7" x 14.5")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")





SuperServer 6014P-32R/32 SuperServer 6014P-32RB/32B	SuperServer 6014P-82/82R SuperServer 6014P-82B/82B	SuperServer 6014H-32 SuperServer 6014H-32B	SuperServer 6014H-82 SuperServer 6014H-82B
Dual Intel®64-bit Xeon® up to 3.80GHz (Dual-core support)	Dual Intel®64-bit Xeon® up to 3.80GHz (Dual-core support)	Dual Intel®64-bit Xeon® up to 3.80GHz (Dual-core support)	Dual Intel®64-bit Xeon® up to 3.80GHz (Dual-core support)
High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
4 SAS/SATA drive bays w/SES2 Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported 1U IPMI 2.0 slot w/3rd LAN supported 700W redundant power supply	4 SCA drive bays w/SAF-TE Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported 1U IPMI 2.0 slot w/3rd LAN support 560W power supply	4 SAS/SATA drive bays Universal PCI-X or PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 500W power supply	4 SCA drive bays w/SAF-TE Universal PCI-X or PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W power supply
Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DHP-3G2	Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DHP-8G2	Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DHR-3G2	Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DHR-8G2
16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets
1 Universal PCI-X 100 MHz(full-length)/ 1 PCI-E x8 1 Universal PCI-X 100 MHz(low-profile)/ 1 PCI-E x8	6014P-82R: 1 Universal PCI-X 133MHz (full-length)/ 1 PCI-E x8 6014P-82: 1 Universal PCI-X 133 MHz (full-length)/1 PCI-E x8 1 Universal PCI-X 100 MHz (full-length)/1 PCI-E x8	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-E x8 1 Universal PCI-X 100MHz (low-profile)/ 1 PCI-E x8	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-E x8 1 Universal PCI-X 100MHz (low-profile)/ 1 PCI-E x8
Adaptec®9410 for 4 internal SAS/SATA ports and 1 external SAS 4x port Intel®ICH5R for 2 SATA; RAID 0, 1,10	Adaptec® 7902 2-channel Ultra320 SCSI Intel®ICH5R for 2 SATA; RAID 0, 1	Adaptec®9410 for 4 internal SAS/SATA ports and 1 external 4x port Intel®ICH5R for 2 SATA; RAID 0, 1, 10	Adaptec®7902 2-channel Ultra320 SCSI Intel®ICH5R for 2 SATA; RAID 0, 1
AOC-LPZCR3 or AOC-LPZCR2	AOC-LPZCR1, AOC-LPZCR2 or AOC-LPZCR3	AOC-SOZCR1	AOC-SOZCR1
Dual LAN with Intel®82546GB Gigabit Ethernet controller ATI®Rage XL 8MB PCI graphics controller	Dual LAN with Intel®82546GB Gigabit Ethernet controller ATI®Rage XL 8MB PCI graphics controller	Dual LAN with Intel®82546GB Gigabit Ethernet controller ATI®Rage XL 8MB PCI graphics controller	Dual LAN with Intel®82546GB Gigabit Ethernet controller ATI®Rage XL 8MB PCI graphics controller
1U IPMI 2.0 slot w/optional 3rd LAN port <b>SUPER</b> ® Doctor III, Watch Dog	1U IPMI 2.0 slot w/optional 3rd LAN port <b>SUPER</b> ® Doctor III, Watch Dog	IPMI 2.0 socket <b>SUPER</b> ® Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III Watch Dog
SAS: 588 GB SATA: 4 TB	1.2 TB	SAS: 1.6 TB or SATA: 4 TB	1.2 TB
4 x 3.5" hot-swap SAS/SATA drive bays with SES2	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)
1 slim DVD-ROM & 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive
700W redundant high-efficiency hot-swap w/I <sup>2</sup> C	6014P-82R: 560W redundant hot-swap w/I <sup>2</sup> C 6014P-82: 560W w/I <sup>2</sup> C	500W w/I <sup>2</sup> C	500W w/I <sup>2</sup> C
4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control	5 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control	2 x 10cm heavy-duty blowers w/optimal fan speed control	2 x 10cm heavy-duty blowers w/optimal fan speed control
1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")



	<b>SuperServer 6014L-M4 SuperServer 6014L-M4B</b>	<b>SuperServer 6014L-T SuperServer 6014L-TB</b>	<b>SuperServer 6014L-M SuperServer 6014L-MB</b>
Processor Support	Dual Intel <sup>®</sup> 32-bit Xeon <sup>®</sup> LV up to 2.0GHz	Dual Intel <sup>®</sup> 32-bit Xeon <sup>®</sup> LV up to 2.0GHz	Dual Intel <sup>®</sup> 32-bit Xeon <sup>®</sup> LV up to 2.0GHz
Key Applications	NAS storage, file server, e-mail server, web server for small business & other server applications	NAS storage, file server, e-mail server, web server for small business & other server applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications
Outstanding Features	4 SCA drive bays w/SAF-TE 1 Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 PCI-E Gigabit Ethernet ports IPMI 2.0 socket Front side USB & serial ports 300W power supply	2 SATA drive bays 1 Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 PCI-E Gigabit Ethernet ports IPMI 2.0 socket 260W power supply	Optimized for shallow racks 1 Universal PCI-X/PCI-E 16GB DDRII 400 SDRAM 2 PCI-E Gigabit Ethernet ports IPMI 2.0 socket Front side USB ports 260W power supply
Chipset/Serverboard™	Intel <sup>®</sup> E7520 chipset with 667MHz FSB/ <b>SUPER</b> <sup>®</sup> X6DLP-4G2	Intel <sup>®</sup> E7520 chipset with 667MHz FSB/ <b>SUPER</b> <sup>®</sup> X6DLP-EG2	Intel <sup>®</sup> E7520 chipset with 667MHz FSB/ <b>SUPER</b> <sup>®</sup> X6DLP-EG2
System Memory (Max.)	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets
Expansion Slots	1 Universal PCI-X 66MHz (full-height & half-length) or 1 PCI-E x8	1 Universal PCI-X 66MHz (full-height & full-length) or 1 PCI-E x8	1 Universal PCI-X 66MHz (full-height & full-length) or 1 PCI-E x8
Onboard SAS/SCSI/SATA/RAID	Adaptec 7901 Ultra320 SCSI Intel <sup>®</sup> 6300ESB for 2 SATA; RAID 0, 1	Intel <sup>®</sup> 6300ESB for 2 SATA; RAID 0, 1	Intel <sup>®</sup> 6300ESB for 2 SATA; RAID 0, 1
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	N/A	N/A
Onboard LAN/VGA	Dual LAN with Intel 82573V & 82573E PCI-E Gigabit Ethernet controller ATI <sup>®</sup> Rage XL 8MB PCI graphics controller	Dual LAN with Intel 82573V & 82573E PCI-E Gigabit Ethernet controller ATI <sup>®</sup> Rage XL 8MB PCI graphics controller	Dual LAN with Intel 82573V & 82573E PCI-E Gigabit Ethernet controller ATI <sup>®</sup> Rage XL 8MB PCI graphics controller
Manageability	IPMI 2.0 socket, <b>SUPER</b> <sup>®</sup> Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> <sup>®</sup> Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> <sup>®</sup> Doctor III, Watch Dog
Internal Storage (Max.)	1.2 TB	2 TB	1 TB
Drive Bays	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed drive bays
Peripheral Bays	1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive
Power Supply	300W	260W	260W
Cooling System	3 x 4cm heavy-duty fans w/optimal fan speed control	2 x 4cm heavy-duty fans w/optimal fan speed control	2 x 4cm heavy-duty fans w/optimal fan speed control
Form Factor	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 426 x 43 x 574mm (16.8" x 1.7" x 22.6")	1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")



SuperServer 6014V-T2 SuperServer 6014V-T2B	SuperServer 5015B-URV SuperServer 5015B-URB	SuperServer 5015B-UV SuperServer 5015B-UB	SuperServer 5015B-NTR/NT (V) SuperServer 5015B-NTR/NT (B)
Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)
File server, e-mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications
2 SATA drive bays 1 PCI 66MHz 8 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 420W power supply	Universal I/O (UIO) slot 4 hot-swap drive bays 8 GB DDRIII 1600 (XMP) SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID	Universal I/O (UIO) slot 4 hot-swap drive bays 8 GB DDRIII 1600 (XMP) SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID	<b>The World's First 1U Silver Level Power Supply</b> Universal I/O (UIO) slot 4 hot-swap drive bays 8 GB DDRIII 1600 (XMP) SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID
Intel® E7320 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DVL-EG2	Intel® X48 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7SBU	Intel® X48 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7SBU	Intel® X48 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7SBU
8 GB Dual-channel ECC Reg. DDRII 400 SDRAM in 4 DIMM sockets	8 GB of Unb., non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets	8 GB of Unb., non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets	8 GB of Unb., non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets
1 64-bit PCI 66MHz	<b>Right slot:</b> 1 PCI-E x4 (in x8 slot) <b>Left slot:</b> 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	<b>Right slot:</b> 1 PCI-E x4 (in x8 slot) <b>Left slot:</b> 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	<b>Right slot:</b> 1 PCI-E x4 (in x8 slot) <b>Left slot:</b> 2 PCI-E x8
Intel® 6300ESB for 2 SATA RAID 0, 1 supported	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller card	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller card	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller card
N/A	N/A	N/A	N/A
Dual LAN with Intel® 82541GI Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573V/L PCI-E Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573V/L PCI-E Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573V/L PCI-E Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller
IPMI 2.0 socket, <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIMSO socket (IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN)</b> <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIMSO socket (IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN)</b> <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIMSO socket (IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN)</b> <b>SUPER</b> ® Doctor III, Watch Dog
4 TB	SAS: 1.2 TB (with optional UIO SAS controller card) SATA: 4TB	SAS: 1.2 TB (with optional UIO SAS controller card) SATA: 4TB	SATA: 4 TB
2 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays
1 slim CD-ROM drive 1 floppy drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
420W	<b>Redundant high-efficiency 450W w/I<sup>2</sup>C</b>	560W high-efficiency	5015B-NTR (B): Redundant high-efficiency 450W w/I <sup>2</sup> C 5015B-NT (B): <b>560W Silver Level high-efficiency</b>
2 x 10cm heavy-duty blowers w/optimal fan speed control	3 x 4cm counter-rotating fans with optimal fan speed control & air shroud	3 x 4cm counter-rotating fans with optimal fan speed control & air shroud	5015B-NTR (V/B): 3 x 4cm counter-rotating fans 5015B-NT (V/B): 4 x 4cm counter-rotating fans with optimal fan speed control & air shroud
1U Rackmount 426 x 44 x 574mm (16.8" x 1.7" x 22.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")

\* For more detailed processor support information, visit: <http://www.supermicro.com>

**SUPERMICR**®  
Server  
Solutions

**1U Twin™**  
**1.6GHz FSB**  
**10 Gigabit Ethernet**



**1U Twin™**  
**1.6GHz FSB**



**1.33GHz FSB**



	SuperServer 5015TB-10GB	SuperServer 5015TB-TB	SuperServer 5015B-T SuperServer 5015B-TB
Processor Support	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Quad/Duo series (LGA 775 socket)
Key Applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, data center data farm, front-end server and other computing intensive applications	NAS storage, file server, mail server, web server for small business, cluster node & other server applications
Outstanding Features	Two nodes in 1U Up to 8 Cores in 1U Double density and computing power Independent power control Independent cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs	Two nodes in 1U Up to 8 Cores in 1U Double density and computing power Independent power control Independent cooling control Higher power utilization increases power supply efficiency Reduce power cables and power strips Save maintenance/management costs	2 SATA drive bays Universal PCI-X or PCI-Express 8 GB DDRII 800/667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket
Chipset/Serverboard™	Intel® X48 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7SBT-10G	Intel® X48 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7SBT	Intel® 3210 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7SBi
System Memory (Max.)	8 GB of Unb. ECC, non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets	8 GB of Unb. ECC, non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets
Expansion Slots	Twin set of PCI-E x16 via riser card	Twin set of PCI-E x16 via riser card	1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8
Onboard SAS/SCSI/SATA/RAID	Twin set of Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Twin set of Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	N/A
Onboard LAN/VGA	Twin set of Intel® 82598EB 10Gigabit + 82573V + 82573L Ethernet controllers Twin set of ATI® ES1000 32MB PCI graphics	Twin set of Intel® 82573V + 82573L Ethernet controllers Twin set of ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller
Manageability	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	2.4 TB	2.4 TB	2 TB
Drive Bays	Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays	2 x 3.5" hot-swap SATA drive bays
Peripheral Bays	N/A	N/A	1 slim DVD-ROM drive 1 floppy drive
Power Supply	780W high-efficiency power supply w/I <sup>2</sup> C	780W high-efficiency power supply w/I <sup>2</sup> C	260W
Cooling System	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	Twin set of 3 x 4cm counter-rotating PWM fans w/optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers w/optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.5")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.5")	1U Rackmount 426 x 43 x 574mm (16.8" x 1.7" x 22.6")

\* For more detailed processor support information, visit: <http://www.supermicro.com>



**1.33GHz FSB****PWM Fan Speed Control  
1.33GHz FSB****1.33GHz FSB****U10 SAS RAID 5**

SuperServer 5015B-MT SuperServer 5015B-MTB	SuperServer 5015B-MR SuperServer 5015B-MRB	SuperServer 5015B-MF SuperServer 5015B-MFB	SuperServer 5015M-UV SuperServer 5015M-UB
*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Quad/Duo series (LGA 775 socket)	*Single Intel® Dual-Core Xeon® 3000 Sequence, Core 2 Duo series (LGA 775 socket)	*Single Intel® Dual-Core Xeon® 3000 Sequence, Core 2 Duo series (LGA 775 socket)	*Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence, Core 2 series (LGA 775 socket)
NAS storage, file server, mail server, web server for small business, cluster node & other server applications	NAS storage, file server, mail server, web server for small business, cluster node & other server applications	NAS storage, file server, mail server, web server for small business, cluster node & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications
4 SATA drive bays Universal PCI-X or PCI-Express 8 GB DDRII 800/667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket Front USB 2.0 & serial ports	Optimized for shallow racks Universal PCI-X or PCI-Express 8 GB DDRII 800/667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket PWM fan speed control High-efficiency power	Optimized for shallow racks Universal PCI-X or PCI-Express 8 GB DDRII 800/667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket Front-side I/O Access	Universal I/O (U10) slot 4 hot-swap drive bays 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID
Intel® 3210 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7SBI	Intel® 3210 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7SBI	Intel® 3210 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7SBI	Intel® 3010 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMU
8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets
1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 1 Universal I/O (U10) slot via riser card 1 PCI-E x8
Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH9R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional U10 SAS controller card
N/A	N/A	N/A	N/A
Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog
4 TB	1 TB	1 TB	SAS: 1.2 TB (with optional U10 SAS controller card) SATA: 4TB
4 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed SATA drive bay	1 x 3.5" fixed or 2 x 2.5" optional fixed SATA drive bays	4 x 3.5" hot-swap drive bays
1 slim DVD-ROM drive	1 slim CD-ROM drive option	N/A	1 slim DVD-ROM drive
300W high-efficiency	<b>200W high-efficiency</b>	260W	560W high-efficiency
4 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	1 x 10cm heavy-duty blower w/optimal PWM fan speed control & air shroud	1 x 10cm heavy-duty blower w/optimal fan speed control & air shroud	4 x 4cm counter-rotating fans with optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")



	SuperServer 5015M-URV SuperServer 5015M-URB	SuperServer 5015M-NTRV SuperServer 5015M-NTRB	SuperServer 5015M-NTV SuperServer 5015M-NTB
Processor Support	*Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series (LGA 775 socket)	*Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series (LGA 775 socket)	*Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series (LGA 775 socket)
Key Applications	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications
Outstanding Features	Universal I/O (UIO) slot 4 hot-swap drive bays 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN Redundant power supply 450W UID	Supports up to 3 add-on cards 4 hot-swap drive bays 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN Redundant power supply 450W UID	Supports up to 3 add-on cards 4 hot-swap drive bays 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID
Chipset/Serverboard™	Intel® 3010 chipset with 1.06GHz FSB/ <b>SUPER</b> PDSMU	Intel® 3010 chipset with 1.06GHz FSB/ <b>SUPER</b> PDSMU	Intel® 3010 chipset with 1.06GHz FSB/ <b>SUPER</b> PDSMU
System Memory (Max.)	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets
Expansion Slots	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-E x8	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 2 PCI-E x8	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 2 PCI-E x8
Onboard SAS/SCSI/SATA/RAID	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller cards	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	N/A
Onboard LAN/VGA	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller
Manageability	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> Doctor III, Watch Dog
Internal Storage (Max.)	SAS: 1.2 TB (with optional UIO SAS controller card) SATA: 4 TB	SATA: 4 TB	SATA: 4 TB
Drive Bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays	4 x 3.5" hot-swap drive bays
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Power Supply	Redundant high-efficiency 450W w/I <sup>2</sup> C	Redundant high-efficiency 450Ww/I <sup>2</sup> C	560W high-efficiency
Cooling System	3 x 4cm counter-rotating fans	3 x 4cm counter-rotating fans	4 x 4cm counter-rotating fans with optimal fan speed control & air shroud
Form Factor	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")

\* For more detailed processor support information, visit: <http://www.supermicro.com>

### 3 Add-on Cards

### Quad-Core Xeon 3000



SuperServer 5015M-Ni SuperServer 5015M-NiB	SuperServer 5015M-MT+ SuperServer 5015M-MT+B	SuperServer 5015M-T+ SuperServer 5015M-T+B	SuperServer 5015M-MF+ SuperServer 5015M-MF+B
*Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series	*Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series	*Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series	*Single Intel® Quad-Core/Dual-core Xeon® 3000 Sequence & Core 2 series
High-end file/print server, web server, communication gateway, primary server for small businesses	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications
Supports up to 3 add-on cards 3 fixed drive bays 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN UID	4 SATA drive bays Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket Front USB 2.0 & serial ports	2 SATA drive bays Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket	Optimized for shallow racks Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket Front-side I/O Access
Intel® 3010 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMU	Intel® 3000 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMi+	Intel® 3000 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMi+	Intel® 3000 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMi+
8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets
Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 2 PCI-E x8	1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-height & full-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-length & half-length) or 1 PCI-E x8
Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
N/A	N/A	N/A	N/A
Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III Watch Dog
SATA: 3 TB	4 TB	2 TB	1 TB
3 x 3.5" internal drive bays	4 x 3.5" hot-swap SATA drive bays	2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed or 2 x 2.5" optional fixed SATA drive bays
N/A	1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy	N/A
280W high-efficiency	300W	300W	260W
2 x 10cm heavy-duty blowers	3 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	3 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	2 x 4cm counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 426 x 43 x 650mm (16.8" x 1.7" x 25.6")	1U Rackmount 437 x 44 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 426 x 43 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")



	SuperServer 5015M-MR+ SuperServer 5015M-MR+B	SuperServer 5015P-8R SuperServer 5015P-8RB	SuperServer 5015P-8 SuperServer 5015P-8B
Processor Support	*Single Intel <sup>®</sup> Quad-Core/Dual-core Xeon <sup>®</sup> 3000 Sequence & Core 2 series	Single Intel <sup>®</sup> Pentium <sup>®</sup> D, Pentium <sup>®</sup> Extreme Pentium <sup>®</sup> 4 up to 3.80GHz/Celeron D (LGA 775 socket)	Single Intel <sup>®</sup> Pentium <sup>®</sup> D, Pentium <sup>®</sup> Extreme Pentium <sup>®</sup> 4 up to 3.80GHz/Celeron D (LGA 775 socket)
Key Applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
Outstanding Features	Optimized for shallow racks Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket	4 SCA drive bays w/SAF-TE Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports ZCR RAID supported 1U IPMI 2.0 slot w/3rd LAN supported 400W redundant power supply	4 SCA drive bays w/SAF-TE Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports ZCR RAID supported 1U IPMI 2.0 slot w/3rd LAN supported 400W cold-swap power supply
Chipset/Serverboard™	Intel <sup>®</sup> 3000 chipset with 1.06GHz FSB/ <b>SUPER</b> <sup>®</sup> PDSMi+	Intel <sup>®</sup> E7230 chipset with 1.06GHz FSB/ <b>SUPER</b> <sup>®</sup> PDSMP-8	Intel <sup>®</sup> E7230 chipset with 1.06GHz FSB/ <b>SUPER</b> <sup>®</sup> PDSMP-8
System Memory (Max.)	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non-ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non-ECC DDRII 667 SDRAM in 4 DIMM sockets
Expansion Slots	1 Universal PCI-X 133MHz (full-length & half-length) or 1 PCI-E x8	1 Universal PCI-X 133MHz (full-length) or PCI-E x4 1 64-bit PCI-X 100MHz (low-profile)	1 Universal PCI-X 133MHz (full-length) or 1 PCI-E x4 1 64-bit PCI-X 100MHz (low-profile)
Onboard SAS/SCSI/SATA/RAID	Intel <sup>®</sup> ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Adaptec <sup>®</sup> 7902 2-channel Ultra320 SCSI Intel <sup>®</sup> ICH7R for 4 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec <sup>®</sup> 7902 2-channel Ultra320 SCSI Intel <sup>®</sup> ICH7R for 4 SATA (3 Gbps); RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1
Onboard LAN/VGA	Dual LAN with Intel <sup>®</sup> 82573 PCI-Express Gigabit Ethernet controllers ATI <sup>®</sup> ES1000 16MB PCI graphics controller	Dual LAN with Intel <sup>®</sup> 82573 PCI-Express Gigabit Ethernet controllers ATI <sup>®</sup> Rage XL 8MB PCI graphics controller	Dual LAN with Intel <sup>®</sup> 82573 PCI-Express Gigabit Ethernet controllers ATI <sup>®</sup> Rage XL 8MB PCI graphics controller
Manageability	IPMI 2.0 socket, <b>SUPER</b> <sup>®</sup> Doctor III Watch Dog	1U IPMI 2.0 slot w/optional 3rd LAN port <b>SUPER</b> <sup>®</sup> Doctor III, Watch Dog	1U IPMI 2.0 slot w/optional 3rd LAN port <b>SUPER</b> <sup>®</sup> Doctor III, Watch Dog
Internal Storage (Max.)	400 GB	1.2 TB	1.2 TB
Drive Bays	1 x 3.5" fixed SATA drive bay	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)
Peripheral Bays	1 slim CD-ROM drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive
Power Supply	260W	400W redundant hot-swap w/I <sup>2</sup> C	400W w/I <sup>2</sup> C
Cooling System	2 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	3 x 4cm heavy duty counter-rotating fans w/optimal fan speed control	3 x 4cm heavy duty counter-rotating fans w/optimal fan speed control
Form Factor	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")

\* For more detailed processor support information, visit: <http://www.supermicro.com>





SuperServer 5015P-TR SuperServer 5015P-TRB	SuperServer 5015P-T SuperServer 5015P-TB	SuperServer 5015M-MT SuperServer 5015M-MTB	SuperServer 5015M-T SuperServer 5015M-TB
Single Intel® Pentium® D, Pentium® Extreme Pentium® 4 up to 3.80GHz/Celeron D (LGA 775 socket)	Single Intel® Pentium® D, Pentium® Extreme Pentium® 4 up to 3.80GHz/Celeron D (LGA 775 socket)	Single Intel® Pentium® D, Pentium® Extreme Pentium® 4 up to 3.80GHz/Celeron D (LGA 775 socket)	Single Intel® Pentium® D, Pentium® Extreme Pentium® 4 up to 3.80GHz/Celeron D (LGA 775 socket)
High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications
4 SATA drive bays Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports 1U IPMI 2.0 slot w/3rd LAN supported 400W redundant swap power supply	4 SATA drive bays Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports 1U IPMI 2.0 slot w/3rd LAN supported 400W cold-swap power supply	4 SATA drive bays Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket Front USB 2.0 & serial ports	2 SATA drive bays Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket
Intel® E7230 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMP-i	Intel® E7230 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMP-i	Intel® E7230 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMi	Intel® E7230 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMi
8 GB Dual-Channel Unb. ECC, non-ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non-ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets
1 Universal PCI-X 133MHz (full-length) or PCI-E x4 1 64-bit PCI-X 100MHz (low-profile)	1 Universal PCI-X 133MHz (full-length) or PCI-E x4 1 64-bit PCI-X 100MHz (low-profile)	1 Universal PCI-X 133MHz (full-height & half-length) or 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-height & full-length) or 1 PCI-Express x8
Intel® ICH7R for 4 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
N/A	N/A	N/A	N/A
Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller
1U IPMI 2.0 slot w/optional 3rd LAN port <b>SUPER</b> ® Doctor III, Watch Dog	1U IPMI 2.0 slot w/optional 3rd LAN port <b>SUPER</b> ® Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III Watch Dog
4 TB	4 TB	4 TB	2 TB
4 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap SATA drive bays	2 x 3.5" hot-swap SATA drive bays
1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy
400W redundant hot-swap w/I <sup>2</sup> C	400W cold-swap w/I <sup>2</sup> C	300W	300W
3 x 4cm heavy duty counter-rotating fans w/optimal fan speed control	3 x 4cm heavy duty counter-rotating fans w/optimal fan speed control	3 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	3 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 426 x 43 x 574mm (16.8" x 1.7" x 22.6")



	SuperServer 5015M-MF SuperServer 5015M-MFB	SuperServer 5015M-MR SuperServer 5015M-MRB	SuperServer 5014C-M8 SuperServer 5014C-M8B
Processor Support	Single Intel®Pentium® D, Pentium® Extreme, Pentium 4 up to 3.60GHz/Celeron D (LGA 775 socket)	Single Intel®Pentium® D, Pentium® Extreme, Pentium 4 up to 3.60GHz/Celeron D (LGA 775 socket)	Single Intel®Pentium® 4 up to 3.60GHz (LGA 775 socket)
Key Applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	NAS storage, file server, mail server, web server for small businesses & other server applications
Outstanding Features	Optimized for shallow racks Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket Front-side I/O Access	Optimized for shallow racks Universal PCI-X or PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket	4 SCA drive bays w/SAF-TE 1 PCI-X 100MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports Front USB 2.0 & serial ports
Chipset/Serverboard™	Intel® E7230 chipset with 1.06GHz FSB/ <b>SUPER</b> PDSMi	Intel® E7230 chipset with 1.06GHz FSB/ <b>SUPER</b> PDSMi	Intel® E7221 chipset with 800MHz FSB/ <b>SUPER</b> P8SC8
System Memory (Max.)	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	4 GB Dual-Channel Unb. ECC, non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets
Expansion Slots	1 Universal PCI-X 133MHz (full-length & half-length) or 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-length & half-length) or PCI-E x8	1 64-bit PCI-X 100MHz
Onboard SCSI/SATA/IDE SATA RAID	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10	Adaptec®7902 2-channel Ultra320 SCSI Intel® ICH6R for 4 SATA; RAID 0, 1
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 Support	N/A	N/A	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1
Onboard LAN/VGA	Dual LAN with Intel®82573 PCI-Express Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel®82573V PCI-E Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics
Manageability	IPMI 2.0 socket, <b>SUPER</b> Doctor III Watch Dog	IPMI 2.0 socket, <b>SUPER</b> Doctor III Watch Dog	IPMI 2.0 socket, <b>SUPER</b> Doctor III, Watch Dog
Internal Storage (Max.)	1 TB	1 TB	1.2 TB
Drive Bays	1 x 3.5" fixed or 2 x 2.5" optional fixed SATA drive bays	1 x 3.5" fixed SATA drive bay	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)
Peripheral Bays	N/A	1 slim CD-ROM drive	1 slim CD-ROM drive
Power Supply	260W	260W	300W
Cooling System	2 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	3 x 4cm high performance fans w/optimal fan speed control & air shroud
Form Factor	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")	Mini 1U Rackmount 426 x 44 x 356mm (16.8" x 1.7" x 14")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")



SuperServer 5014C-MT SuperServer 5014C-MTB	SuperServer 5014C-T SuperServer 5014C-TB	SuperServer 5014C-MF SuperServer 5014C-MFB	SuperServer 5014C-MR SuperServer 5014C-MRB
Single Intel® Pentium® 4 up to 3.60GHz (LGA 775 socket)	Single Intel® Pentium® 4 up to 3.60GHz (LGA 775 socket)	Single Intel® Pentium® 4 up to 3.60GHz (LGA 775 socket)	Single Intel® Pentium® 4 up to 3.60GHz (LGA 775 socket)
NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications
4 SATA drive bays 1 PCI-X 133MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports Front USB 2.0 & serial ports	2 SATA drive bays 1 PCI-X 133MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports	Optimized for shallow racks 1 PCI-X 133MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports Front-side I/O Access	Optimized for shallow racks 1 PCI-X 133MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports Front USB 2.0 ports
Intel® E7221 chipset with 800MHz FSB/ SUPER® P8SCT	Intel® E7221 chipset with 800MHz FSB/ SUPER® P8SCi	Intel® E7221 chipset with 800MHz FSB/ SUPER® P8SCT	Intel® E7221 chipset with 800MHz FSB/ SUPER® P8SCi
4 GB Dual-Channel Unb. ECC, non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets	4 GB Dual-Channel Unb. ECC, non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets	4 GB Dual-Channel Unb. ECC, non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets	4 GB Dual-Channel Unb. ECC, non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets
1 64-bit PCI-X 133MHz	1 64-bit PCI-X 133MHz	1 64-bit PCI-X 133MHz	1 64-bit PCI-X 133MHz
Intel® ICH6R for 4 SATA RAID 0, 1, 10 supported	Intel® ICH6R for 4 SATA RAID 0, 1 supported	Intel® ICH6R for 4 SATA RAID 0, 1 supported (1 x 3.5" or 2 x 2.5" drives support for this model)	Intel® ICH6R for 4 SATA RAID 0, 1 supported
N/A	N/A	N/A	N/A
Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics
IPMI 2.0 socket, SUPER® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER® Doctor III, Watch Dog
4 TB	2 TB	1 TB	1 TB
4 x 3.5" hot-swap Serial ATA drive bays	2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed or 2 x 2.5" optional fixed SATA drive bays	1 x 3.5" fixed SATA/IDE drive bay
1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy drive	N/A	1 slim CD-ROM drive 1 slim floppy drive
300W	260W	260W	260W
3 x 4cm high performance fans w/optimal fan speed control & air shroud	2 x 10cm heavy-duty blowers w/optimal fan speed control & air shroud	1 x 10cm heavy-duty blower w/optimal fan speed control & air shroud	1 x 10cm heavy-duty blower w/optimal fan speed control & air shroud
1U Rackmount 437 x 44 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 426 x 43 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")	Mini 1U Rackmount 426 x 43 x 356mm (16.8" x 1.7" x 14")

**2.5" SAS HDD**  
**High I/O Bandwidth**



**U10 SAS RAID 5**



**16 FB-DIMM**



	SuperServer 2025W-UR+B	SuperServer 6025C-URV SuperServer 6025C-URB	SuperServer 6025W-NTR+V SuperServer 6025W-NTR+B
Processor Support	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)
Key Applications	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC)
Outstanding Features	16 SATA 2.5" drive bays with SGPIO PCI-E Gen. 2.0 & PCI-X slots 128 GB FB-DIMM memory 2 Gigabit Ethernet ports 1 serial port & 2 USB 2.0 ports <b>IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN</b> 700W redundant high-efficiency power	8 hot-swap drive bays Universal I/O (U10) slot 48 GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports <b>IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN</b> 4 full-height & 3 low-profile 700W redundant high-efficiency power	6 SATA drive bays with SGPIO PCI-E Gen. 2.0 & PCI-X slots 128 GB FB-DIMM memory 2 Gigabit Ethernet ports 1 serial port & 2 USB 2.0 ports <b>IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN</b> 700W redundant high-efficiency power
Chipset/Serverboard™	Intel® 5400 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7DWN+	Intel® 5100 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DCU	Intel® 5400 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7DWN+
System Memory (Max.)	<b>128 GB</b> Fully-buffered DIMM (FBD) DDRII 800/667 in 16 DIMM sockets <b>1.8V &amp; 1.5V FB-DIMM support</b>	48 GB Dual-Channel ECC Reg. DDRII 667/533 in 6 DIMM sockets	<b>128 GB</b> Fully-buffered DIMM (FBD) DDRII 800/667 in 16 DIMM sockets <b>1.8V &amp; 1.5V FB-DIMM support</b>
Expansion Slots	3 PCI-E x8 (2 in Gen. 2.0) 1 PCI-E x4 2 PCI-X 133 MHz 1 Universal I/O (U10) slot (all are low-profile slots)	Right slot: 2 (x4) PCI-E slots (Low-Profile) 1 64-bit 133MHz PCI-X (3.3V) slot Left slot: 1 Universal I/O (U10) slot 3 (x8) PCI-E Slots (Full-height / Full-length)	3 PCI-E x8 (2 in Gen. 2.0) 1 PCI-E x4 2 PCI-X 133 MHz 1 Universal I/O (U10) slot (all are low-profile slots)
Onboard SAS/SCSI/SATA/RAID	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional U10 SAS controller cards	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional U10 SAS controller cards
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	N/A
Onboard LAN/VGA	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT) ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controllers (w/IOAT) ATI® ES1000 32MB PCI graphics
Manageability	<b>SIMSO+</b> socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIMSO</b> socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIMSO+</b> socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	SAS: 4.8 TB SATA: 12 TB	SAS: 2.4 TB SATA: 6 TB	SAS: 2.4 TB SATA: 6 TB
Drive Bays	16 x 3.5" hot-swap drive bays & 1 x 5.25" drive bays	8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays	8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Power Supply	<b>Redundant high-efficiency 700Ww/I<sup>2</sup>C</b>	<b>Redundant high-efficiency 700W w/I<sup>2</sup>C</b>	<b>Redundant high-efficiency 700Ww/I<sup>2</sup>C</b>
Cooling System	3 x 8cm heavy-duty fans with optimal fan speed control & air shroud	3 x 8cm heavy-duty fans with optimal fan speed control & air shroud	3 x 8cm heavy-duty fans with optimal fan speed control & air shroud
Form Factor	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 24.8")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")

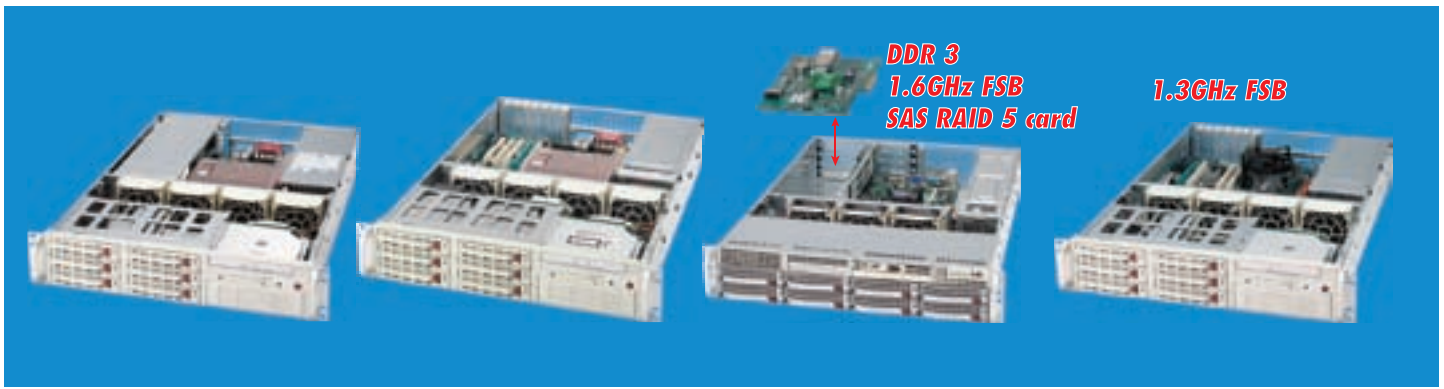




SuperServer 6025W-URV SuperServer 6025W-URB	SuperServer 6025B-URV SuperServer 6025B-URB	SuperServer 6025B-8R+V SuperServer 6024B-8R+B	SuperServer 6025B-TR+V SuperServer 6025B-TR+B
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5300/5100/5000 series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 series (LGA 771)
High-end enterprise server, SQL server, high performance computing cluster (HPCC)	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering
8 hot-swap drive bays Universal I/O (UIO) slot 64 GB FB-DIMM memory 2 Gigabit Ethernet ports 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 4 full-height & 3 low-profile 700W redundant high-efficiency power	8 hot-swap drive bays Universal I/O (UIO) slot 32 GB FB-DIMM memory 2 Gigabit Ethernet ports 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 4 full-height & 3 low-profile 700W redundant high-efficiency power	8 2-channel SCA drive bays with SAF-TE 6 PCI-X & PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports 2 Gigabit Ethernet ports 1 serial port & 2 USB 2.0 ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 700W redundant high-efficiency power	6 SATA drive bays with SGPIO 6 PCI-X & PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports 2 Gigabit Ethernet ports 1 serial port & 2 USB 2.0 ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 700W redundant high-efficiency power
Intel® 5400 chipset with 1.6GHz FSB/ SUPER® X7DWU	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DBU	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DB8+	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DBE+
64 GB Fully-buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets	32 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	128 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets	128 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets
Right slot (low-profile): 2 PCI-E x8 Gen 2.0 Left slot (full-height): 1 Universal I/O (UIO) slot via riser card 3 PCI-E x8 or 3 PCI-X 133 optional	Right slot (low-profile): 1 PCI-X 133 2 PCI-E x4 (in x8 slot) Left slot (full-height): 1 Universal I/O (UIO) slot via riser card 3 PCI-E x8 or 3 PCI-X 133 optional	2 PCI-E x8 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	2 PCI-E x8 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)
Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller cards	Adaptec 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
N/A	N/A	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	N/A
Dual LAN with Intel® 82563 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 PCI-Express Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog
SAS: 2.4 TB SATA: 6 TB	SAS: 2.4 TB SATA: 8 TB	2.4 TB	6 TB
8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays	8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays	8 x 3.5" dual-channel (4+4) hot-swap Ultra320 SCA drive bays w/SAF-TE & 1 x 3.5" drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 1 x 3.5" drive bay
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
Redundant high-efficiency 700W w/I <sup>2</sup> C	Redundant high-efficiency 700W w/I <sup>2</sup> C	700W redundant high-efficiency power supply w/I <sup>2</sup> C	700W redundant high-efficiency power supply w/I <sup>2</sup> C
3 x 8cm heavy-duty fans with optimal fan speed control & air shroud	3 x 8cm heavy-duty fans with optimal fan speed control & air shroud	3 x 8cm heavy-duty fans w/optimal fan speed control & air shroud	3 x 8cm heavy-duty fans w/optimal fan speed control & air shroud
2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 483 x 89 x 645mm (17.2" x 3.5" x 25.5")	2U Rackmount 483 x 89 x 645mm (17.2" x 3.5" x 25.5")



	SuperServer 6025B-3R/3V SuperServer 6025B-3R/3B	SuperServer 6025B-8/T SuperServer 6025B-8 /T(B)	SuperServer 6024H-32R/32 SuperServer 6024H-32R/32 (B)
Processor Support	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 series (LGA 771)	Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)
Key Applications	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering
Outstanding Features	8 SAS/SATA drive bays with SES2 6 PCI-X & PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports 1 serial port & 2 USB 2.0 ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 560W high-efficiency power supply	6 SCA/SATA drive bays 6 PCI-X & PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 550W power supply	6 SAS/SATA drive bays w/SES2 6 PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 500W redundant power supply
Chipset/Serverboard™	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DB3	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DB8	Intel® E7520 chipset with 800MHz FSB/ SUPER® X6DH3-G2
System Memory (Max.)	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets
Expansion Slots	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-E x8 1 PCI (all are low-profile slots)
Onboard SCSI/SATA/IDE SATA RAID	Adaptec® 9410W for 8 SAS/SATA Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 7902W 2-channel Ultra320 SCSI (6025B-8 (B) only) Intel ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 9410 for 8 SAS/SATA (3 Gbps) Intel® 6300ESB for 2 SATA; RAID 0, 1, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 Support	AOC-LPZCR3 or AOC-LPZCR2	6025B-8 (B): AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZCR3 or AOC-LPZCR2
Onboard LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82541PI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
Manageability	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	IPMI 2.0 socket, SUPER® Doctor III, Watch Dog
Internal Storage (Max.)	8 TB	6025B-8 (B): 1.8 TB 6025B-T (B): 6 TB	6024H-32R (B): 3.6 TB 6024H-32 (B): 3.2 TB
Drive Bays	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 1 x 5.25" drive bay	6025B-8 (B): 6 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE & 1 x 5.25" drive bay 6025B-T (B): 6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 1 x 5.25" drive bay	6 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 1 x 5.25" drive bay
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive
Power Supply	6025B-3(V/B): 560W high-efficiency 6025B-3R(V/B): 700W redundant high-efficiency power supply w/TC	550W	6024H-32R (B): 500W redundant power supply w/TC 6024H-32 (B): 550W
Cooling System	3 x 8cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	4 x 8cm heavy duty fans w/optimal fan speed control & air shroud	4 x 8cm heavy duty fans w/optimal fan speed control & air shroud
Form Factor	2U Rackmount 483 x 89 x 645mm (17.2" x 3.5" x 25.5")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")



SuperServer 6024H-82R+/82R SuperServer 6024H-82R+/82R (B)	SuperServer 6024H-82/i2 SuperServer 6024H-82/i2 (B)	SuperServer 5025B-URV SuperServer 5025B-URB	SuperServer 5025B-T SuperServer 5025B-TB
Dual Intel® 64-bit Xeon® up to 3.80GHz (SS6024H-82R+ support Dual-core)	Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Extreme/Quad/Duo (LGA 775 socket)	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Quad/Duo (LGA 775 socket)
Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	NAS storage, file server, mail server, web server for small businesses & other server applications	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering
6 SCA drive bays w/SAF-TE 3 PCI-X 133/100MHz 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W redundant power supply	6 SCA/fixed drive bays 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 550W power supply	8 hot-swap drive bays Universal I/O (UIO) slot 8 GB DDRIII 667 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 4 full-height	6 SATA drive bays PCI-X & PCI-Express slots 8 GB DDRII 800/667 SDRAM 2 Gigabit Ethernet ports SIMLC for management 400W high-efficiency power supply
Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DH8-G2+/X6DH8-G2	Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DH8-G2/X6DHE-G2	Intel® X48 chipset with 1.6GHz FSB/ <b>SUPER</b> ® X7SBU	Intel® 3210 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7SBE
16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	8 GB of Unb., non ECC DDRIII 1333/1066/800 SDRAM; up to non-ECC 1600 MHz in 4 DIMM sockets	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets
1/2 64-bit PCI-X 133/100MHz (full-height riser card installed)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-E x8 1 PCI-E x4 (all are low-profile slots)	Right slot: 1 PCI-E x4 (in x8 slot) Left slot: 2 PCI-E x8 Gen 2.0	4 PCI-X 133/100MHz 1 PCI-E x8 1 PCI-E x4
Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI (6024H-82 (B) only) Intel® ICH5R for 2 SATA; RAID 0, 1	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller card	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10
N/A	6024H-82 (B): AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	N/A	N/A
Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573 Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573 Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller
IPMI 2.0 socket, <b>SUPER</b> ® Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIMSO</b> socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIMLC</b> slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog
1.8 TB	1.8 TB	SAS: 2.4 TB SATA: 6 TB	4 TB
6 x 3.5" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6024H-82 (B): 6 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay 6024H-i2 (B): 6 x 3.5" fixed drive bays & 1 x 5.25" drive bay	8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays	6 x 3.5" hot-swap SATA drive bays
1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim DVD-ROM drive	1 floppy drive
500W redundant power supply w/I <sup>2</sup> C	550W	Redundant high-efficiency 700W w/I <sup>2</sup> C	400W high-efficiency power supply
4 x 8cm heavy-duty fans w/optimal fan speed control & air shroud	4 x 8cm heavy-duty fans w/optimal fan speed control & air shroud	3 x 8cm fans w/optimal fan speed control	4 x 8cm hot-swap redundant cooling fans
2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")

**1.33GHz FSB**



**SAS RAID 5 card**



	<b>SuperServer 5025B-4 SuperServer 5025B-4B</b>	<b>SuperServer 5025M-URV SuperServer 5025M-URB</b>	<b>SuperServer 5025M-4+ SuperServer 5025M-4+B</b>
Processor Support	*Single Intel® Quad-Core/Dual-Core Xeon® 3000 Sequence, Core 2 Quad/Duo (LGA 775 socket)	*Single Intel® Quad-Core Extreme QX6700 Xeon® 3200/3000 & Core 2 Duo processor E6000 & E4000 sequence (LGA775)	*Single Intel® Quad-Core Xeon® processor 3000 sequence & Intel® Core 2 Duo processor E6000 & E4000 sequence (LGA775)
Key Applications	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	NAS storage, file server, mail server, web server for small businesses & other server applications	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering
Outstanding Features	6 SCA drive bays PCI-X & PCI-Express slots 8 GB DDRII 800/667 SDRAM 2 Gigabit Ethernet ports SIMLC for management 400W high-efficiency power supply	8 hot-swap drive bays Universal I/O (UIO) slot 8 GB DDRII 667 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 4 full-height	6 SCA drive bays 4 PCI-X, 2 PCI-Express 8 GB DDRII 677 SDRAM 2 Gigabit Ethernet ports <b>SIM1U slot (IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN)</b> 550W power supply
Chipset/Serverboard™	Intel® 3210 chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7SB4	Intel® 3010 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSMU	Intel® 3010 chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSM4+
System Memory (Max.)	8 GB Dual-channel Unb. ECC, non ECC DDRII 800/667 SDRAM in 4 DIMM sockets	8 GB Dual-Channel Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets	8GB Dual-Channel Unb. ECC, non-ECC DDRII 677/533/400 SDRAM in 4 DIMM sockets
Expansion Slots	4 PCI-X 133/100MHz 1 PCI-E x8 1 PCI-E x4	<b>Left slot (full-height):</b> 1 Universal I/O (UIO) slot via riser card 3 PCI-E x8 or 3 PCI-X 133 optional	2 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-E x4 1 PCI-E x8 <i>(all are low-profile slots)</i>
Onboard SAS/SCSI/SATA/RAID	Adaptec® Ultra320 SCSI Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 Optional UIO SAS controller cards	Adaptec® Ultra320 SCSI Intel® ICH7R for 4 SATA (3Gbps); RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	N/A	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1
Onboard LAN/VGA	Dual LAN with Intel® 82573 Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82573 Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
Manageability	<b>SIMLC slot (IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN)</b> <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIMSO socket (IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN)</b> <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIM1U slot (IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN)</b> <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	1.8 TB	SAS: 2.4 TB SATA: 6 TB	1.8 TB
Drive Bays	6 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	8 x 3.5" hot-swap drive bays & 2 x 3.5" internal drive bays	6 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay
Peripheral Bays	1 floppy drive	1 slim DVD-ROM drive	1 slim CD-ROM drive 1 floppy drive
Power Supply	400W high-efficiency power supply	Redundant high-efficiency 700W w/t <sup>2</sup> C	550W
Cooling System	4 x 8cm hot-swap redundant cooling fans	3 x 8cm fans w/optimal fan speed control	4 x 8cm hot-swap redundant cooling fans
Form Factor	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 437 x 89 x 648mm (17.2" x 3.5" x 25.5")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")

\* For more detailed processor support information, visit: <http://www.supermicro.com>



**Quad-Core Xeon MP**



SuperServer 5025M-i+ SuperServer 5025M-i+B	SuperServer 5025M-4 SuperServer 5025M-4B	SuperServer 5025M-i SuperServer 5025M-iB	SuperServer 8025C-3RB
*Single Intel® Quad-Core Xeon® 3200/3000 sequence & Intel® Core 2 Duo processor E6000 & E4000 sequence (LGA775)	Single Intel® Pentium®D, Pentium® Extreme Pentium® 4 up to 3.80GHz/Celeron D (LGA 775)	Single Intel® Pentium®D, Pentium® Extreme Pentium® 4 up to 3.80GHz/Celeron D (LGA 775)	Quad-Core/Dual-Core Intel® Xeon® MP Processor 7300/7200 series
Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for mid-size companies, Internet, e-business, server clustering	High-end enterprise server, SQL server, high performance computing cluster (HPCC), high density server farm
6 fixed drive bays 4 PCI-X, 2 PCI-Express 8 GB DDRII 677 SDRAM 2 PCI-Express Gigabit Ethernet ports SIMIU slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 550W power supply	6 SCA drive bays 4 PCI-X, PCI-Express 8 GB DDRII 677 SDRAM 2 PCI-Express Gigabit Ethernet ports Low-profile IPMI 2.0 slot w/3rd LAN 400W power supply	6 fixed drive bays 4 PCI-X, PCI-Express 8 GB DDRII 677 SDRAM 2 PCI-Express Gigabit Ethernet ports Low-profile IPMI 2.0 slot w/3rd LAN 400W power supply	16 processing cores in 2U 6 SAS drive bays PCI-Express & PCI-X expansions 192 GB FB-DIMM 667/533 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 server management 1200W high-efficiency redundant power
Intel® 3010 chipset with 1.06GHz FSB/ SUPER® PDSME+	Intel® E7230 chipset with 1.06GHz FSB/ SUPER® PDSM4	Intel® E7230 chipset with 1.06GHz FSB/ SUPER® PDSME	Intel® 7300 chipset with 1.06GHz FSB/ SUPER® X7QC3
8GB Dual-Channel Unb. ECC, non-ECC DDRII 677/533/400 SDRAM in 4 DIMM sockets	8GB Dual-Channel Unb. ECC, non-ECC DDRII 677/533/400 SDRAM in 4 DIMM sockets	8GB Dual-Channel Unb. ECC, non-ECC DDRII 677/533/400 SDRAM in 4 DIMM sockets	192 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 24 DIMM sockets
2 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-Express x4 1 PCI-E x8 (all are low-profile slots)	2 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-Express x4 (all are low-profile slots)	2 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-Express x4 (all are low-profile slots)	1 PCI-E x8 (using x16 slot) 1 PCI-E x8 1 PCI-E x4 (using x8 slot) 1 PCI-X 133MHz (all are low profile slots)
Intel® ICH7R for 4 SATA (3Gbps); RAID 0, 1, 5, 10	Adaptec® Ultra320 SCSI (5025M-4(B) only) Intel® ICH7R for 4 SATA (3Gbps); RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (3Gbps); RAID 0, 1, 5, 10	LSI 1068E Dual Channel 8-port SAS controller Intel® ESB2 for 6 SATA; RAID 0, 1, 5, 10
N/A	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	N/A	AOC-LPZCR3 or AOC-LPZCR2
Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller
SIMIU slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	Low-profile IPMI 2.0 w/3rd LAN support SUPER® Doctor III, Watch Dog	Low-profile IPMI 2.0 w/3rd LAN support SUPER® Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog
1.6 TB	1.8 TB	1.6 TB	1.8 TB
2 fixed drive carriage support 4 SATA drives & 1 x 5.25" drive bay	6 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	2 fixed drive carriage support 4 SATA drives & 1 x 5.25" drive bay	6 x 3.5" hot-swap SAS drive bays
1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim DVD-ROM drive
550W	400W	400W	1200W high-efficiency redundant power supply w/I <sup>2</sup> C
4 x 8cm hot-swap redundant cooling fans	4 x 8cm hot-swap redundant cooling fans	4 x 8cm hot-swap redundant cooling fans	6 x 8cm hot-swap fans w/optimal fan speed control and air shroud
2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 437 x 89 x 705mm (17.2" x 3.5" x 27.75")

\* For more detailed processor support information, visit: <http://www.supermicro.com>

**100%**  
cooling redundancy



**100%**  
cooling redundancy



**100%**  
cooling redundancy



	SuperServer 6035B-8R+V SuperServer 6035B-8R+B	SuperServer 6035B-8R SuperServer 6035B-8RB	SuperServer 6035B-8 SuperServer 6035B-8B
Processor Support	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon Processor 5300/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon Processor 5300/5100/5000 series (LGA 771)
Key Applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications
Outstanding Features	100% cooling redundancy 16 2-CH (8+8) SCA drive bays w/SAF-TE 6 PCI-X & PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 800W high-efficiency redundant power	100% cooling redundancy 8 2-channel SCA drive bays with SAF-TE 6 PCI-X & PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Triple redundant 760W + 380W	100% cooling redundancy 8 2-channel SCA drive bays with SAF-TE 6 PCI-X & PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 550W power supply
Chipset/Serverboard™	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DB8+	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DB8	Intel® 5000P chipset with 1.33GHz FSB/ SUPER® X7DB8
System Memory (Max.)	64 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
Expansion Slots	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz
Onboard SAS/SCSI/SATA/RAID	Adaptec 7902W 2-channel Ultra320 SCSI Intel ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec 7902W 2-channel Ultra320 SCSI Intel ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec 7902W 2-channel Ultra320 SCSI Intel ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1
Onboard LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI ES1000 16MB PCI graphics controller
Manageability	SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog
Internal Storage (Max.)	4.8 TB	2.4 TB	2.4 TB
Drive Bays	16 x 3.5" dual-channel (8+8) hot-swap Ultra320 SCA drive bays with SAF-TE	8 x 3.5" dual-channel (4+4) hot-swap Ultra320 SCA drive bays w/SAF-TE & 2 x 5.25" drive bays	8 x 3.5" dual-channel (4+4) hot-swap Ultra320 SCA drive bays w/SAF-TE & 2 x 5.25" drive bays
Peripheral Bays	1 slim DVD-ROM drive	1 slim DVD-ROM drive 1 floppy drive	1 slim DVD-ROM drive 1 floppy drive
Power Supply	800W redundant high-efficiency power supply w/I <sup>2</sup> C	Triple redundant power supply (760W + 380W) w/I <sup>2</sup> C	550W
Cooling System	5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy	4 x 9cm & 2 x 8cm hot-swap redundant cooling fans w/ optimal fan speed control & air shroud; 100% cooling redundancy	4 x 9cm & 2 x 8cm hot-swap redundant cooling fans w/ optimal fan speed control & air shroud; 100% cooling redundancy
Form Factor	3U Rackmount 437 x 132 x 648mm (17.2" x 5.2" x 25.5")	3U Rackmount 450 x 132 x 648mm (17.7" x 5.2" x 25.5")	3U Rackmount 450 x 132 x 648mm (17.7" x 5.2" x 25.5")

**100%  
cooling redundancy**



SuperServer 6034H-X8R SuperServer 6034H-X8RB	SuperWorkstation 7034A-TB2 SuperWorkstation 7034A-TB2B	SuperWorkstation 7034A-i SuperWorkstation 7034A-iB	SuperWorkstation 5035G-T SuperWorkstation 5035G-TB
Dual Intel® 64-bit Xeon® up to 3.80GHz	Dual Intel® 64-bit Xeon® up to 3.80GHz	Dual Intel® 64-bit Xeon® up to 3.80GHz	Single Intel® Pentium® D, Pentium® 4 Extreme, Pentium® Extreme, Pentium® 4 up to 3.80GHz (LGA775)
Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications	High-end workstation, business critical applications, front-end server, video server	High-end workstation, business critical applications, front-end server, video server	Server for small business, high-end workstation, 2D/3D & CAD applications
100% cooling redundancy 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W	SuperQuiet Mode 4 SATA hot-swap drive bays 4 PCI-X/PCI & PCI-Express 12 GB DDRII 400 SDRAM Gigabit Ethernet port Front USB 2.0 ports 645W power supply	SuperQuiet Mode 4 fixed drive bays 6 PCI-X & PCI-Express 12/24 GB DDR333/266 SDRAM Gigabit Ethernet port Front USB 2.0 ports 645W power supply	4 SATA hot-swap drive bays 8 GB DDRII SDRAM 1 PCI-Express x16 slot PCI-Express Gigabit Ethernet port Front side USB 2.0 ports Low-noise 450W power with redundant cooling fans
Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DH8-XG2	Intel® E7525 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DAL-TB2	Intel® E7525 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DAL-G	Intel® 955X chipset with 1.06GHz FSB/ <b>SUPER</b> ® PDSGE
16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	12 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 6 DIMM sockets	12/24 GB Dual-Channel ECC Reg. DDR 333/266 SDRAM in 8 DIMM sockets	8 GB Dual-Channel ECC Unb. DDRII 667/533/400 SDRAM in 4 DIMMs
3 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz <b>1 PCI-Express x8 (using x16 slot)</b>	<b>1 PCI-Express x16</b> 1 64-bit PCI-X 66MHz 2 PCI 33MHz	2 64-bit PCI-X 66MHz 2 PCI 33MHz <b>1 PCI-Express x16</b> <b>1 PCI-Express x8</b>	<b>1 PCI-Express x16</b> <b>1 PCI-Express x1</b> <b>2 64-bit PCI-X 133MHz</b> 3 32-bit PCI 33MHz
Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA RAID 0, 1 supported	<b>Adaptec 8130 for 4 SATA</b> Intel® 6300ESB for 2 SATA; RAID 0, 1	Intel® 82541GI Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Intel® ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 10
AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	N/A	N/A
Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN w/Broadcom 5721 PCI-Express Gigabit Ethernet	Dual LAN w/Broadcom 5721 PCI-Express Gigabit Ethernet	Intel® 82573V PCI-Express Gigabit Ethernet AC'97 audio CODEC w/high quality 6-channel sound (front-side header)
IPMI 2.0 socket, <b>SUPER</b> ® Doctor III, Watch Dog	<b>SUPER</b> ® Doctor III, Watch Dog	<b>SUPER</b> ® Doctor, Watch Dog	<b>SUPER</b> ® Doctor III, Watch Dog
2.4 TB	1.6 TB	1.2 TB	1.6 TB
8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 3.5" drive bays	4 x 3.5" hot-swap Serial ATA drive bays & 2 x 5.25" drive bays	4 x 3.5" fixed & 2 x 5.25" drive bays	4 x 3.5" hot-swap Serial ATA drive bays & 2 x 5.25" drive bay
1 floppy drive 1 slim CD-ROM drive	1 floppy drive	1 floppy drive	1 floppy drive
<b>Triple redundant power supply (760W + 380W) w/1°C built-in</b>	<b>645W w/low-noise fan speed control</b>	<b>645W w/low-noise fan speed control</b>	Thermal control <b>low-noise 450W</b> power supply w/redundant cooling fans
4 x 9cm & 2 x 8cm hot-swap redundant cooling fans w/optimal fan speed control & air shroud	1 x 12cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fan w/optimal fan speed control	1 x 12cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fan* w/optimal fan speed control	1 x 12cm exhaust thermal fan & 1 x 9cm thermal cooling fan
3U Rackmount 450 x 132 x 648mm (17.7" x 5.2" x 25.5")	Workstation 178 x 427 x 531mm (7" x 16.8" x 20.9")	Workstation 178 x 427 x 531mm (7" x 16.8" x 20.9")	Workstation 178 x 427 x 531mm (7" x 16.8" x 20.9")

**NEW! DDR3 Support**



**NEW! 1.6GHz FSB**



	SuperWorkstation 5035B-TB	SuperServer 7045W-NTR+ SuperServer 7045W-NTR+B	SuperServer 7045B-8R+ SuperServer 7045B-8R+B
Processor Support	*Single Intel® Core 2 Duo / Quad and Extreme processors (LGA 775)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/ 5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 series (LGA 771)
Key Applications	Small business, high-end workstation, 2D/3D & CAD applications, gaming	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS
Outstanding Features	4 SATA hot-swap drive bays <b>Up to 8GB DDR3 memory</b> 2 PCI-Express x16 slots (Gen. 2.0) PCI-E Gigabit Ethernet port Front side USB 2.0 ports (Up to 12 total) <b>Low-noise 465W high-efficiency power</b>	100% cooling redundancy 8 SATA drive bays <b>PCI-Express Gen. 2.0</b> 128 GB FB-DIMM memory Universal I/O (UIO) support <b>IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN</b> 800W redundant high-efficiency power	100% cooling redundancy 8 2-channel SCA drive bays with SAF-TE 6 PCI-X & PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 800W redundant high-efficiency power
Chipset/Serverboard™	Intel® X38 chipset with 1.33GHz FSB/ <b>SUPER® C2SBX</b>	Intel® 5400 chipset with 1.6MHz FSB/ <b>SUPER® X7DWN+</b>	Intel® 5000P chipset with 1.33GHz FSB/ <b>SUPER® X7DB8+</b>
System Memory (Max.)	8 GB Dual-Channel Unb. ECC or non-ECC DDR3 1333/1066/800MHz in 4 DIMM sockets	<b>128 GB Fully-Buffered DIMM (FBD) DDRII 800/667 in 16 DIMM sockets</b> <b>1.5V &amp; 1.8V FB-DIMM support</b>	<b>64 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets</b>
Expansion Slots	<b>2 PCI-Express x16 (Gen. 2.0)</b> 1 PCI-Express x1 <b>2 PCI-X 133/100MHz</b> 2 PCI 33MHz <b>1 Rear Firewire 1394 Port</b>	<b>3 PCI-E x8 (2 with Gen. 2.0)</b> 1 PCI-E x4 2 PCI-X 133 MHz <b>Universal I/O slot</b>	<b>2 PCI-E x8</b> 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz
Onboard SAS/SCSI/SATA/RAID	Intel® ICH9R for 6 SATA2 (3 Gbps) RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Adaptec 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	N/A	N/A	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1
Onboard LAN/VGA	Intel® 82566 PCI-Express Gigabit Ethernet 7.1 Channel High Definition Audio <b>Up to 12 USB connections</b>	Dual LAN with Intel® 82575 Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
Manageability	<b>SUPER® Doctor III, Watch Dog</b>	<b>SIMSO socket (IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN)</b> <b>SUPER® Doctor III, Watch Dog</b>	<b>SIMLP slot (IPMI 2.0 with virtual media over LAN &amp; optional KVM-over-LAN)</b> <b>SUPER® Doctor III, Watch Dog</b>
Internal Storage (Max.)	4 TB	6 TB	2.4 TB
Drive Bays	4 x 3.5" hot-swap SATA drive bays	6 x 3.5 hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays	8 x 3.5" dual-channel hot-swap Ultra320 SCA drive bays with SAF-TE & 2 x 5.25" drive bays
Peripheral Bays	1 floppy drive	1 floppy drive	1 floppy drive
Power Supply	<b>Low-noise 465W high-efficiency power supply</b> <b>6-pin 12V power for high-end graphics card</b>	<b>800W redundant high-efficiency power supply w/I<sup>2</sup>C</b>	<b>800W redundant high-efficiency power supply w/I<sup>2</sup>C</b>
Cooling System	1 x 9.2cm thermal cooling fan	5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy	5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy
Form Factor	Workstation 178 x 427 x 531mm (7" x 16.8" x 20.9")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")





SuperServer 7045B-TR+ SuperServer 7045B-TR+B	SuperServer 7045B-3 SuperServer 7045B-3B	SuperServer 7045B-T SuperServer 7045B-TB	SuperServer 7044H-32R SuperServer 7044H-32RB
Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 series (LGA 771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 series (LGA 771)	Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)
Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS
100% cooling redundancy 6 SATA drive bays with SGPIO 6 PCI-X & PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 800W redundant high-efficiency power	100% cooling redundancy 8 SAS/SATA drive bays with SES2 6 PCI-X & PCI-Express 32 GB FBDIMM memory 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 650W power supply	100% cooling redundancy 6 SATA drive bays with SGPIO 6 PCI-X & PCI-Express 32 GB FBDIMM memory IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN 650W power supply	100% cooling redundancy 8 SAS/SATA drive bays with SES2 6 PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W
Intel® 5000P chipset with 1.33GHz FSB/ SUPER● X7DBE+	Intel® 5000P chipset with 1.33GHz FSB/ SUPER● X7DB3	Intel® 5000P chipset with 1.33GHz FSB/ SUPER● X7DBE	Intel® E7520 chipset with 800MHz FSB/ SUPER● X6DH3-G2
64 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 16 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets
2 PCI-E x8 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	2 PCI-E x8 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	2 PCI-E x8 1 PCI-E x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-E x8 1 PCI
Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec 9410W for 8 SAS/SATA Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec® 9410W for 8 SAS/8 SATA (3 Gbps) Intel® 6300ESB for 2 SATA; RAID 0, 1, 10
N/A	AOC-LPZCR3 or AOC-LPZCR2	N/A	AOC-LPZCR3 or AOC-LPZCR2
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82541PI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics
SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER● Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER● Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog
6 TB	3.2 TB	6 TB	SAS: 3.2 TB or SATA: 8 TB
6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays	8 x 3.5" hot-swap SAS drive bays with SES2 & 2 x 5.25" drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays
1 floppy drive	1 floppy drive	1 floppy drive	1 floppy drive
800W redundant high-efficiency power supply w/TC	650W power supply with redundant cooling fan	650W power supply with redundant cooling fan	Triple redundant power supply (760W + 380W) w/TC
5 x 8cm heavy duty fans w/optimal fan speed control & air shroud; 100% cooling redundancy	6 x 8cm hot-swap cooling fans w/ optimal fan speed control & air shroud; 100% cooling redundancy	6 x 8cm hot-swap cooling fans w/ optimal fan speed control & air shroud; 100% cooling redundancy	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud
4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")



	SuperServer 7044H-82R+ SuperServer 7044H-82R+B	SuperServer 7044H-82R (B)/ SuperServer 7044H-82 (B)	SuperServer 7044H-X8R SuperServer 7044H-X8RB
Processor Support	Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)	Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)	Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)
Key Applications	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS
Outstanding Features	100% cooling redundancy 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W	100% cooling redundancy 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W	100% cooling redundancy 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI-Express 16GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR support IPMI 2.0 socket Triple redundant 760W + 380W
Chipset/Serverboard™	Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DH8-G2+	Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DH8-G2	Intel® E7520 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DH8-XG2
System Memory (Max.)	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets
Expansion Slots	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-E x8 1 PCI-E x4	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-E x8 1 PCI-E x4	3 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-E x8 (using x16 slot)
Onboard SAS/SCSI/SATA/RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZCR3, AOC-LPZCR2 or AOC-LPZCR1
Onboard LAN/VGA	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
Manageability	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	2.4 TB	2.4 TB	2.4 TB
Drive Bays	8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 5.25" drive bays	8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 5.25" drive bays	8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 5.25" drive bays
Peripheral Bays	1 floppy drive	1 floppy drive	1 floppy drive
Power Supply	Triple redundant power supply (760W + 380W) w/T <sup>2</sup> C	Triple redundant 760W power supply w/T <sup>2</sup> C (7044H-82R(B) only) 650W redundant cooling power (7044H-82(B) only)	Triple-redundant power supply (760W + 380W) w/T <sup>2</sup> C
Cooling System	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud
Form Factor	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")

**NEW!**  
**Whisper-Quiet 28dB**



**NEW!**  
**Whisper-Quiet 28dB**



SuperWorkstation 7045A-C3B	SuperWorkstation 7045A-CTB	SuperWorkstation 7045A-WT SuperWorkstation 7045A-WTB	SuperWorkstation 7045A-3 SuperWorkstation 7045A-3B
Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/ 5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/ 5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® processor 5400/5300LV/5200/ 5100LV series (LGA771)	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 sequence
High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server
8 SAS/SATA drive bays w/SES2 PCI-Express x16 48 GB DDRII 667 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN Low-noise 865W high-efficiency power	6 SATA drive bays w/SGPIO PCI-Express x16 48 GB DDRII 667 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN Low-noise 865W high-efficiency power	6 SATA drive bays w/SGPIO 6 PCI-X & PCI-Express (Gen. 2.0) 64 GB FB-DIMM memory 2 Gigabit Ethernet ports Universal I/O (UIO) support IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN Low-noise 865W high-efficiency power	8 SAS/SATA drive bays w/SES2 6 PCI-X & PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN Low-noise 645W w/fan speed control
Intel® 5100 chipset with 1.33GHz FSB/ SUPER® X7DCA-3	Intel® 5100 chipset with 1.33GHz FSB/ SUPER® X7DCA-i	Intel® 5400 chipset with 1.6GHz FSB/ SUPER® X7DWA-N	Intel® 5000X chipset with 1.33GHz FSB/ SUPER® X7DA3
48GB Dual-Channel ECC Reg. DDRII 667/533 SDRAM in 6 DIMM sockets	48GB Dual-Channel ECC Reg. DDRII 667/533 SDRAM in 6 DIMM sockets	64GB Fully-Buffered DIMM (FBD) DDRII 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM support	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets
1 PCI-E x16 1 PCI-E x4 (using x16 slot) 2 64-bit PCI-X 133/100MHz 2 PCI 33	1 PCI-E x16 1 PCI-E x4 (using x16 slot) 2 64-bit PCI-X 133/100MHz 2 PCI 33	2 PCI-E x16 Gen. 2.0 2 PCI-X 133 MHz 2 PCI 33 MHz Universal I/O slot	1 PCI-E x16 1 PCI-E x4 (in x16 slot) 2 PCI-X 133 MHz 1 PCI-X 100 MHz 1 PCI 33 MHz
LSI 1068E Controller for SAS/SATA Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ICH9R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10	Adaptec® 9410 for 8 SAS/SATA ports Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10
AOC-iButton68 (RAID 5)	AOC-iButton68 (RAID 5)	N/A	AOC-LPZCR3 or AOC-LPZCR2
Dual LAN with Intel® 82573V/L Gigabit Ethernet controller High definition 7.1 channel sound	Dual LAN with Intel® 82573V/L Gigabit Ethernet controller High definition 7.1 channel sound	Dual LAN with Intel® 82575 Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound
SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog
SAS: 2.4 TB SATA: 6 TB	SATA: 6 TB	6 TB	2.4 TB
8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays	8 x 3.5" hot-swap SATA drive bays with SGPIO & 2 x 5.25" drive bays	6 x 3.5 hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays 2 x 5.25" drive bays	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays
1 floppy drive	1 floppy drive	1 floppy drive	1 floppy drive
Low-noise 865W high-efficiency power w/ 6-pin power for high-end graphics card	Low-noise 865W high-efficiency power w/ 6-pin power for high-end graphics card	Low-noise 865W high-efficiency power w/ 6-pin power for high-end graphics card	645W w/low-noise fan speed control
2 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans, 2x active heatsink w/ heatpipe & air shroud	2 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans, 2x active heatsink w/ heatpipe & air shroud	4 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans & air shroud	4 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans & air shroud
4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")



**SuperWorkstation 7045A-8  
SuperWorkstation 7045A-8B**

**SuperWorkstation 7045A-T  
SuperWorkstation 7045A-TB**

**SuperServer 7044A-82R  
SuperServer 7044A-82RB**

Processor Support	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 sequence	Quad-Core/Dual-Core Intel® Xeon® Processor 5300/5100/5000 sequence	Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)
Key Applications	High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server	Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS, video server
Outstanding Features	8 SCA drive bays 6 PCI-X & PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN Low-noise 645W w/fan speed control	6 SATA drive bays w/SGPIO 6 PCI-X & PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN Low-noise 645W w/fan speed control	Up to 15 SCA drive bays w/SAF-TE 6 PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports Front side USB ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W
Chipset/Serverboard™	Intel® 5000X chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DA8	Intel® 5000X chipset with 1.33GHz FSB/ <b>SUPER</b> ® X7DAE	Intel® E7525 chipset with 800MHz FSB/ <b>SUPER</b> ® X6DA8-G2
System Memory (Max.)	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	16 GB Dual-channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets
Expansion Slots	1 PCI-E x16 1 PCI-E x4 (in x16 slot) 2 PCI-X 133 MHz 1 PCI-X 100 MHz 1 PCI 33 MHz	1 PCI-E x16 1 PCI-E x4 (in x16 slot) 2 PCI-X 133 MHz 1 PCI-X 100 MHz 1 PCI 33 MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express x16 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz
Onboard SAS/SCSI/SATA/RAID	Adaptec®7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gbps); RAID 0, 1, 5, 10	Adaptec 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1
Zero Channel RAID (ZCR) RAID 0, 1, 5, 10 support	AOC-LPZCR2 or AOC-LPZCR1	N/A	AOC-LPZCR2 or AOC-LPZCR1
Onboard LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82563EB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound
Manageability	<b>SIMLP</b> slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	<b>SIMLP</b> slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> ® Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> ® Doctor III, Watch Dog
Internal Storage (Max.)	2.4 TB	2.4 TB	1.5 TB
Drive Bays	8 x 3.5" hot-swap Ultra320 SCA drive bays & 2 x 5.25" drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays	5 x 3.5" (up to 15 w/optional M35S) hot-swap Ultra320 SCSI SCA drive bays w/SAF-TE compliant & 6 x 5.25"
Peripheral Bays	1 floppy drive	1 floppy drive	1 floppy drive
Power Supply	645W w/low-noise fan speed control	645W w/low-noise fan speed control	Triple redundant power supply (760W + 380W) w/I <sup>2</sup> C built-in
Cooling System	4 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans & air shroud	4 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans & air shroud	3 x 12cm hot-swap redundant cooling fans, 1 x 12cm heavy-duty exhaust fan
Form Factor	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 452 x 178 x 605mm (17.8" x 7" x 23.8")



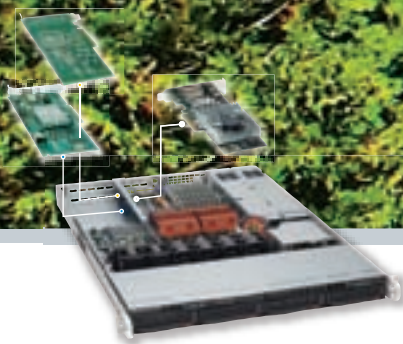
**Quad-Core Xeon MP**



SuperWorkstation 7044A-32 SuperWorkstation 7044A-32B	SuperWorkstation 7044A-82 SuperWorkstation 7044A-82B	SuperWorkstation 7044A-i2 SuperWorkstation 7044A-i2B	SuperServer 8045C-3RB
Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)	Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)	Dual Intel® 64-bit Xeon® up to 3.80GHz (Dual-core support)	Quad-Core/Dual-Core Intel® Xeon® MP Processor 7300/7200 series
High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server	High-end workstation, business critical applications, front-end server, database applications, video server	High-end enterprise server, SQL server, high performance computing cluster (HPCC), high density server farm
SuperQuiet mode 8 SAS/SATA drive bays with SES2 6 PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Low-noise 645W w/fan speed control	SuperQuiet mode 8 SCA drive bays 6 PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Low-noise 645W w/fan speed control	SuperQuiet mode 8 fixed drive bays 6 PCI-X & PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Low-noise 645W w/fan speed control	16 processing cores 5 SAS drive bays PCI-Express & PCI-X expansions 192 GB FB-DIMM 667/533 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 server management 1200W high-efficiency redundant power
Intel® E7525 chipset with 800MHz FSB/ <b>SUPER</b> X6DA3-G2	Intel® E7525 chipset with 800MHz FSB/ <b>SUPER</b> X6DA8-G2	Intel® E7525 chipset with 800MHz FSB/ <b>SUPER</b> X6DAE-G2	Intel® 7300 chipset with 1.06GHz FSB/ <b>SUPER</b> X7QC3
16 GB Dual-Channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	16 GB Dual-channel ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets	192 GB Fully-buffered DIMM (FBD) DDRII 667/533 in 24 DIMM sockets
3 64-bit PCI-X 133/100MHz 1 PCI-Express x16 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express x16 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express x16 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz	1 PCI-E x8 (using x16 slot) 1 PCI-E x8 1 PCI-E x4 (using x8 slot) 1 PCI-X 133MHz
Adaptec 9410 for 8 SAS/SATA (3 Gbps) Intel® ICH5R for 2 SATA; RAID 0, 1, 10	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Intel® ICH5R for 2 SATA; RAID 0, 1	LSI 1068e Dual Channel 8-port SAS controller Intel® ESB2 for 6 SATA; RAID 0, 1, 5, 10
AOC-LPZCR2	AOC-LPZCR2 or AOC-LPZCR1	N/A	AOC-LPZCR2
Dual LAN with Intel® 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics controller
IPMI 2.0 socket, <b>SUPER</b> Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> Doctor III, Watch Dog	IPMI 2.0 socket, <b>SUPER</b> Doctor III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) <b>SUPER</b> Doctor III, Watch Dog
SAS: 1.7 TB SATA: 2.4 TB	2.4 TB	2.4 TB	1.5 TB
8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays	8 x 3.5" hot-swap Ultra320 SCSI SCA drive bays w/SAF-TE & 2 x 5.25"	8 x 3.5" fixed bays & 3 x 5.25" drive bays	5 x 3.5" hot-swap SAS drive bays with SES2
1 floppy drive	1 floppy drive	1 floppy drive	90° rotatable module: 2 USB 2.0 ports & 2 x 5.25" drive bays, 1 floppy drive & 6 LED indicators
645W w/low-noise fan speed control	645W w/low-noise fan speed control	645W w/low-noise fan speed control	1200W redundant high-efficiency power supply w/I <sup>2</sup> C
4 x 4-pin Pulse Width Modulated (PWM) fans & air shroud	4 x 4-pin Pulse Width Modulated (PWM) fans & air shroud	4 x 4-pin Pulse Width Modulated (PWM) fans & air shroud	3 x 8cm hot-swap cooling fans & 3 x 8cm exhaust fans with optimal fan speed control & air shroud
Workstation/4U 437 x 178 x 648mm (17.2" x 7" x 25.5")	Workstation/4U 437 x 178 x 648mm (17.2" x 7" x 25.5")	Workstation/4U 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 452 x 178 x 746mm (17.8" x 7" x 29.4")

SUPERMICRO®

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3 Add-on Cards in 1U  
**UIO (Universal I/O)**



**Office Blade™**

**Datacenter Blade™**



2 DP Nodes in 1U  
**1U Twin™**

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