

SUPERMICR[®]

Mission Critical Server Solutions

2U Twin²_{TM} • GPU Solutions • 2.5" HDD Solutions • 93%+ Power-Efficiency



6Gb/s SAS



Universal I/O (UIO) Server

- Up to 2/6 Add-on Cards for 1U/2U
- Flexible I/O Configurations
- Optional SAS RAID, 10GbE, and InfiniBand
- Gold Level High-Efficiency Power Supply

6 x 3.5" HDDs Per Node & Per 1U



2U Twin SuperServer

- 6 x 3.5" HDDs Per Node & Per 1U
- 2 PCI-2.0 FH/FL cards or 1 double-width GPU
- Cable-less Hot-swappable Nodes
- Gold Level High-Efficiency (93%+) Power Supply



GPU Supercomputing Solutions

- High Performing, Heterogeneous CPU+GPU Computing
- 2x 1 TFLOP GPUs in 1U, or
4x GPUs or 11x Expansion Slots in 4U
- Gold Level High-Efficiency Power Supply

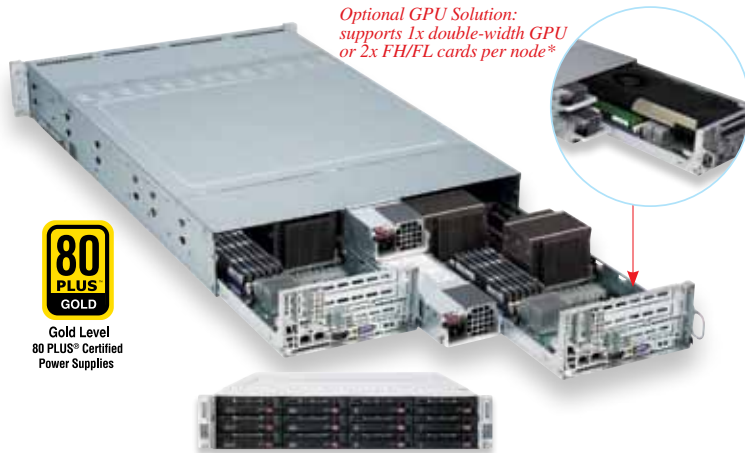
Twin Family

Unrivalled Efficiency and Performance - Cost-Effective with High Reliability/Density

2U Twin

6x 3.5" HDDs Per Node & Per 1U

Optional GPU Solution:
supports 1x double-width GPU
or 2x FH/FL cards per node*



12x 3.5" HDDs



Gold Level
80 PLUS® Certified
Power Supplies

2U Twin²

Four DP Nodes in 2U

4 hot-pluggable
DP nodes



12x 3.5" HDDs

24x 2.5" HDDs



Gold Level
80 PLUS® Certified
Power Supplies

- Two hot-pluggable, cable-less Intel® Xeon® processor 5500 series DP nodes
- Two sets of up to 96GB Reg. ECC DDR3 in 12 DIMMs
- Two sets of 2 PCI-E 2.0 FH/FL cards or 1 double-width GPU
- Two sets of up to 6 hot-swap 3.5" SATA HDDs
- Two ConnectX DDR or QDR InfiniBand controllers
- Two sets of dual Gigabit Ethernet LAN ports
- Two BMC supporting IPMI 2.0, virtual media/KVM over LAN
- Redundant high-efficiency Gold Level (93%+) 1400W power supplies
- Power-efficient serverboard and cooling subsystems

- Four independent hot-pluggable, cable-less Intel® Xeon® processor 5500 series DP nodes
- Four sets of up to 96GB Reg. ECC DDR3 in 12 DIMMs
- Four sets of PCI-E 2.0 x16 slots
- Four sets of 3 hot-swap 3.5" SATA HDDs (6026TT) or 6 hot-swap 2.5" SATA HDDs (2026TT)
- Four ConnectX DDR or QDR InfiniBand controllers
- Four sets of dual Gigabit Ethernet LAN ports
- Four BMC supporting IPMI 2.0, virtual media/KVM over LAN
- High-efficiency Gold Level (93%+) 1400W power supply with optional 1+1 redundancy
- Power-efficient serverboard and cooling subsystems



X8DTT-HIBQ(F)(+)
X8DTT-HIBX(F)(+)
(Cable-less)



X8DTT-H(F)(+)
(Cable-less)



X8DTT-IBQ(F)
X8DTT-IBX(F)



X8DTT-F



X7DCT



X7SBT



H8DMT
(MCP55-Pro based)

The Supermicro **Twin Family** is truly revolutionary. With four DP nodes in a 2U space, the **2U Twin²**™ delivers world-class performance and energy efficiency in a small but powerful package. The new **2U Twin** with two hot-swap motherboard modules in 2U supports two PCI-E 2.0 FH/HL add-on cards per node. This newest addition to the Twin Family can optionally support 1 double-width GPU card per node, and provides 6x hot-swap 3.5" SAS/SATA HDD bays with SESII support per 1U server node (12x HDDs total). Optimized redundant Gold Level power and cooling make the **2U Twin** and **2U Twin²**™ the best choices for HPC, datacenter, and cost-effective blade applications. Together with the award-winning **1U Twin²**™ systems, Supermicro continues its Twin technology and offers the most advanced and complete HPC solutions in the world.

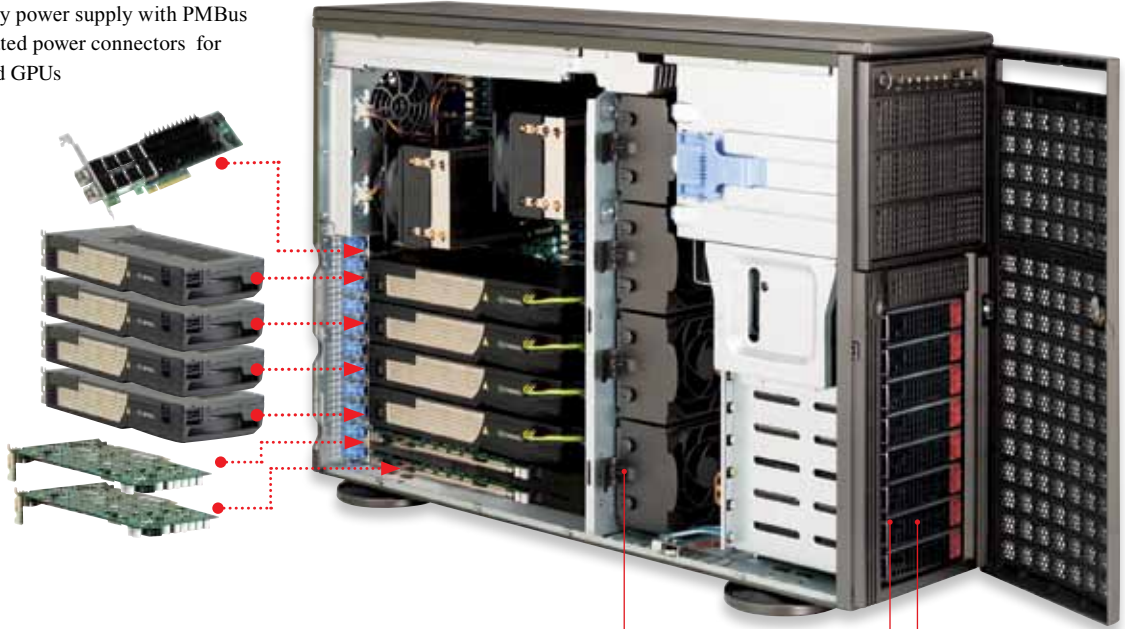
* GPU solution for OEM customers only: 6026GT-HTRF / -HIBXRF / -HIBQRF

GPU **Massively Parallel Processing**

Maximized 4U Expandability, Featuring 11 Expansion Slots

• Up to **4 GPUs** or **11 PCI-E Full-Height Full-Length Expansion Slots**

- 1400W redundant Gold Level high-efficiency power supply with PMBus
- 4 Dedicated power connectors for high-end GPUs



• Highest MTBF hot-pluggable fans

• 8 x 3.5" hot-swap SATA drive bays

SuperWorkstation 7046GT-TRF
SC747TQ-R1400B Chassis + X8DTG-QF Serverboard



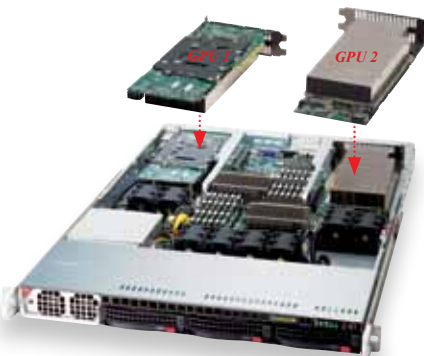
Gold Level
80 PLUS® Certified
Power Supplies



93% Power Efficiency
For TCO improvement and earth-friendly computing

Supermicro GPU Supercomputing Server Solutions

The SS6016T-GF, SW7046T-GRF, and SW7046A-HR+ supercomputing server solutions establish Supermicro as the true global IT hardware leader in server architecture, performance, and Green computing. Generating massively parallel processing power and unrivaled networking flexibility with 4x double-width GPUs and 11x expansion slots in a 4U form factor, the SW7046T-GRF is performance and quality optimized for the most computationally-intensive applications. The SS6016T series, with the industry's highest heterogeneous computing density supporting 2x double-width GPUs in a 1U form factor, is the world's first and only GPU optimized 1U server.



SuperServer 6016GT-TF-TM2
X8DTG-DF Serverboard + SC818G-1400B Chassis

Up to **3 GPUs** and
7 Expansion Slots



SW7046A-HR+
w/ X8DAH+ motherboard

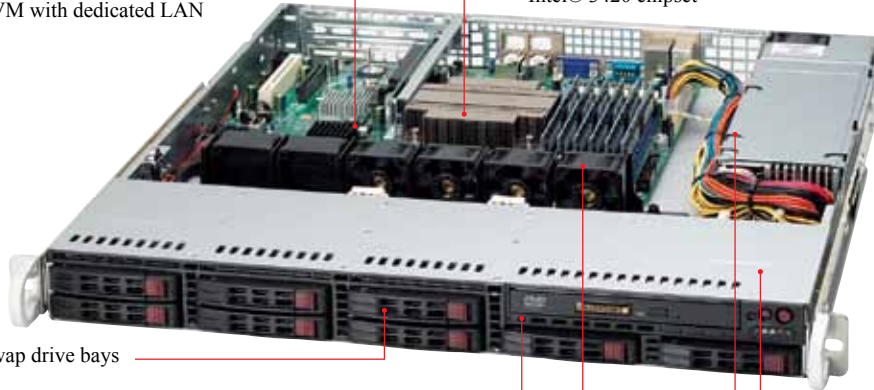
NEW GENERATION UP

Higher Performance, Better Efficiency

- LSI 2008 8-port **6Gb/s SAS**

- Dual LAN with Intel® 82574L Gigabit Ethernet
- Matrox G200eW Graphics
- IPMI 2.0 + KVM with dedicated LAN

- Intel® Xeon® Processor 3400 series supported
- Up to 16GB/32GB Unb. Reg. ECC DDR3 1333/1066/800 SDRAM in 6 DIMMs
- Intel® 3420 chipset

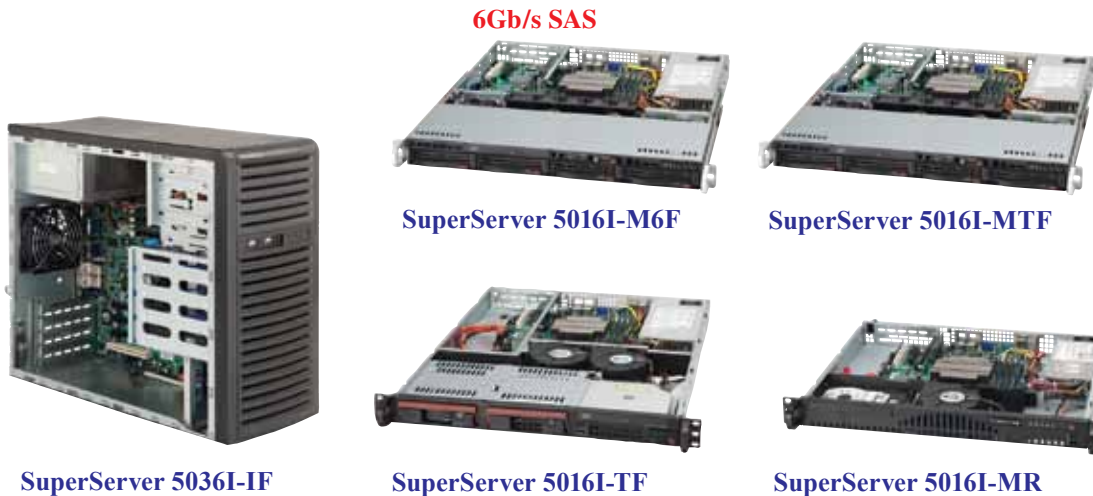


- 8x 2.5" hot-swap drive bays
- 1 slim DVD-ROM drive
- 4x 4-cm counter-rotating fans w/ optimal fan speed control & air shroud
- 560W high-efficiency power supply

SuperServer 1016I-M6F
X8Si6-F Serverboard + SC113MTQ-560 Chassis

New-Generation UP Server Building Block Solutions®

Supermicro's new-generation UP server and desktop systems offer all the advantages of Supermicro's advanced motherboard designs. In addition, leading-edge system-level features are supported including 2.5" and 3.5" HDDs with RAID support, Gold Level high-efficiency power supplies, and optimized cooling systems. Special features include short-depth chassis, tool-less cost-optimized chassis designs, and Whisper-Quiet 25 dB operation. Supermicro's flexible Server Building Block Solutions® makes this the most complete line of advanced UP systems in the industry.



SuperServer 5036I-IF

SuperServer 5016I-TF

SuperServer 5016I-MR



UIO

Universal I/O

Up to 3 Add-on Cards for 1U Maximized I/O Expandability & Flexibility

Left Slot: 1 Universal I/O (UIO) slot
1 PCI-E x16 slot

Right Slot: Optional 3rd & 4th Gigabit LAN ports

- Intel® Xeon® Processor 5500 series supported
- Up to 96GB of DDR3 1333 SDRAM in 12 DIMMs
- Intel® 5520 chipset with QPI up to 6.4GT/s
- Intel® ICH10R for 6 SATA (3 Gbps)
- IPMI 2.0 + KVM-over-LAN

Supermicro 6 Gb/s SAS RAID 5 UIO card (optional)

- 8x 2.5" hot-swap drive bays
- 1 slim DVD-ROM drive
- 4x 4-cm counter-rotating fans w/ optimal fan speed control & air shroud
- Redundant high-efficiency 650W power supply w/ I²C

SuperServer 1026T-URF
X8DTU-F Serverboard + SC113TQ-R650U Chassis

***More than 20 choices: SAS2 RAID, 10GbE, InfiniBand, UIO Cards . . .
The freedom to build exactly what you need!***

Supermicro UIO Servers, in combination with riser cards and a UIO card, can provide numerous server configurations to accommodate the specific needs of your application. Our various riser cards for 1U and 2U chassis allow you to customize Supermicro UIO solutions to meet your storage and networking requirements. With a Supermicro UIO solution, you can customize high-performance, high-density and fault-tolerant storage solutions with Supermicro UIO SAS RAID card products. Leveraging a variety of UIO Gigabit Ethernet Adapters, the UIO system improves network throughput as well as application performance. All Supermicro UIO solutions can be utilized without occupying existing PCI slots, leaving those slots free for additional expansion cards.

SUPER
SERVER
SOLUTION

2 GPU Cards Included



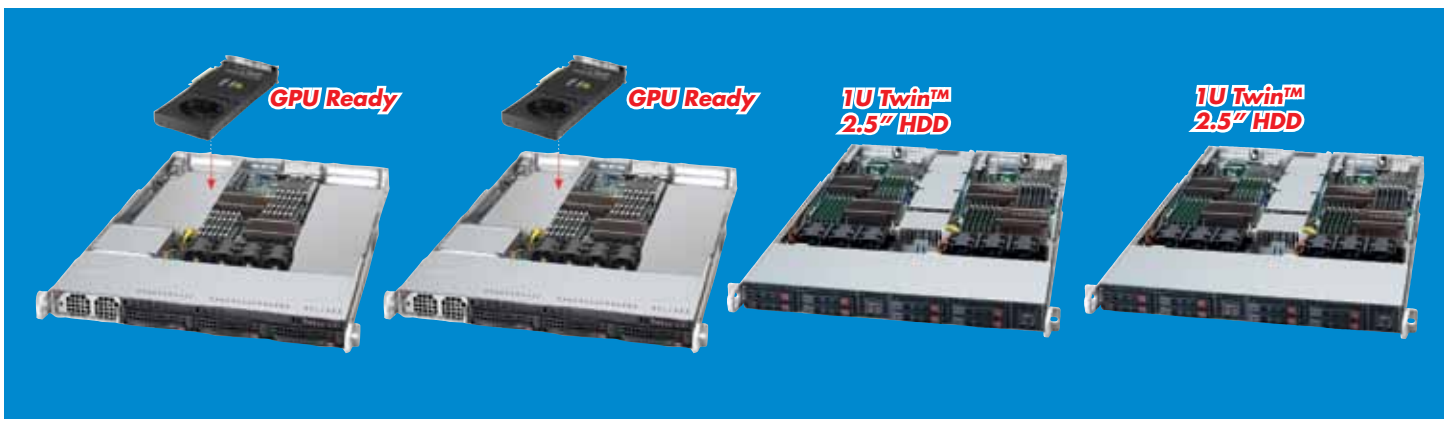
1 GPU Card Included



**5 Add-on Cards
in 1U**



	SuperServer 6016GT-TF-TM2 SuperServer 6016GT-TF-TC2	SuperServer 6016GT-TF-TM1 SuperServer 6016GT-TF-TC1	SuperServer 6016GT-TF SuperServer 6016XT-TF
PROCESSOR SUPPORT	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
KEY APPLICATIONS	Medical imaging, oil and gas simulation, quantum chemistry, financial simulation, astrophysics	Medical imaging, oil and gas simulation, quantum chemistry, financial simulation, astrophysics	Medical imaging, oil and gas simulation, quantum chemistry, financial simulation, astrophysics
OUTSTANDING FEATURES	Fastest 1U in the industry Up to 2 TeraFLOPS of performance per system Two GPU cards are included GPU with passive cooling and thermal management (TM2) IPMI 2.0 + KVM w/ dedicated LAN 1400W Gold Level power supply UID LED	2 PCI-E x8 slots (FHFL) 1 GPU card is included GPU with passive cooling and thermal management (TM1) IPMI 2.0 + KVM w/ dedicated LAN 1400W Gold Level power supply UID LED	Fastest 1U in the industry Up to 2 TeraFLOPS of performance per system Up to 4 full length expansion cards, 5 total (6016XT-TF) IPMI 2.0 + KVM w/ dedicated LAN 1400W Gold Level power supply UID LED
SERVERBOARD/CHIPSET	SUPER● X8DTG-DF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTG-DF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTG-DF Intel® 5520 chipset with QPI up to 6.4GT/s
SYSTEM MEMORY (Max.)	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
EXPANSION SLOTS	1 PCI-Express 2.0 x4 (in x16 slot) (low-profile)	1 PCI-Express 2.0 x4 (in x16 slot) (low-profile) 2 PCI-Express 2.0 x8 (in x16 slot) (Full height-full length)	2 PCI-Express 2.0 x16 support double width cards (for 6016T-GF) 4 PCI-Express 2.0 x8 (in x16 slot) (for 6016XT-TF) 1 PCI-Express 2.0 x4 (in x16 slot) (low-profile)
ONBOARD STORAGE CONTROLLER	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82576 Gigabit Ethernet controller 6016GT-TF-TM2: 2 Enterprise level NVIDIA® M1060 Tesla GPU cards 6016GT-TF-TC2: 2 NVIDIA® C1060 Tesla GPU cards Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller 6016GT-TF-TM1: 1 Enterprise level NVIDIA® M1060 Tesla GPU card 6016GT-TF-TC1: 1 NVIDIA® C1060 Tesla GPU card Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW graphics
MANAGEMENT	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
DRIVE BAYS	3 x 3.5" hot-swap SATA drive bays	3 x 3.5" hot-swap SATA drive bays	3 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	N/A	N/A	N/A
POWER SUPPLY	1400W Gold Level high-efficiency power supply with PMBus	1400W Gold Level high-efficiency power supply with PMBus	1400W Gold Level high-efficiency power supply with PMBus
COOLING SYSTEM	8 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	8 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	8 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
FORM FACTOR	1U Rackmount 437 x 43 x 716mm (17.2" x 1.7" x 28.2")	1U Rackmount 437 x 43 x 716mm (17.2" x 1.7" x 28.2")	1U Rackmount 437 x 43 x 716mm (17.2" x 1.7" x 28.2")



SuperServer 6016T-GIBQF SuperServer 6016T-GIBXF	SuperServer 6016T-GTF	SuperServer 1026TT-IBQF SuperServer 1026TT-IBXF	SuperServer 1026TT-TF
Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
Medical imaging, oil and gas simulation, quantum chemistry, financial simulation, astrophysics	Medical imaging, oil and gas simulation, quantum chemistry, financial simulation, astrophysics	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
40/20 Gbps InfiniBand controller onboard IPMI 2.0 + KVM w/ dedicated LAN 1400W Gold Level power supply UID LED	IPMI 2.0 + KVM w/ dedicated LAN 1400W Gold Level power supply UID LED	Best performance-per-watt Two DP nodes in 1U 40/20 Gbps InfiniBand controller onboard More than double computing density More than double computing efficiency Independent power & cooling control Reduce power cables and power strips Save maintenance/management costs IPMI 2.0 + KVM w/ dedicated LAN 1200W Gold Level power supply UID LED	Best performance-per-watt Two DP nodes in 1U More than double computing density More than double computing efficiency Independent power & cooling control Reduce power cables and power strips Save maintenance/management costs IPMI 2.0 + KVM w/ dedicated LAN 1200W Gold Level power supply UID LED
6016T-GIBQF: SUPER● X8DTT-IBQF 6016T-GIBXF: SUPER● X8DTT-IBXF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTT-F Intel® 5500 chipset with QPI up to 6.4GT/s	1026TT-IBQF: SUPER● X8DTT-IBQF 1026TT-IBXF: SUPER● X8DTT-IBXF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTT-F Intel® 5500 chipset with QPI up to 6.4GT/s
96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	Twin set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	Twin set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
1 PCI-Express 2.0 x16 via riser card (Full height-full length)	1 PCI-Express 2.0 x16 via riser card (Full height-full length)	Twin set of PCI-Express 2.0 x16 via riser card (low-profile)	Twin set of PCI-Express 2.0 x16 via riser card (low-profile)
Intel® ICH10R for 6 SATA(3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82576 Gigabit Ethernet controller Mellanox ConnectX QDR 40Gbps InfiniBand w/QSFP connector (for 6016T-GIBQF) Mellanox ConnectX DDR 20Gbps InfiniBand w/QSFP connector (for 6016T-GIBXF) Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW graphics	Twin set of dual LAN with Intel® 82576 Gigabit Ethernet controller Twin set of Mellanox ConnectX QDR 40Gbps InfiniBand w/QSFP connector (for 1026TT-IBQF) Twin set of Mellanox ConnectX DDR 20Gbps InfiniBand w/QSFP connector (for 1026TT-IBXF) Twin set of Matrox G200eW graphics	Twin set of dual LAN with Intel® 82576 Gigabit Ethernet controller Twin set of Matrox G200eW graphics
IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
3 x 3.5" hot-swap SATA drive bays	3 x 3.5" hot-swap SATA drive bays	Twin set of 4 x 2.5" hot-swap SATA drive bays	Twin set of 4 x 2.5" hot-swap SATA drive bays
N/A	N/A	N/A	N/A
1400W Gold Level high-efficiency power supply with PMBus	1400W Gold Level high-efficiency power supply with PMBus	1200W Gold Level high-efficiency power supply with PMBus	1200W Gold Level high-efficiency power supply with PMBus
4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
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 705mm (17.2" x 1.7" x 27.75")

* Please check 'Tested Memory List' for compatibility



**1U Twin™
40 Gbps InfiniBand**



**1U Twin™
20 Gbps InfiniBand**



1U Twin™



	SuperServer 6016TT-IBQF	SuperServer 6016TT-IBXF	SuperServer 6016TT-TF
PROCESSOR SUPPORT	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
KEY APPLICATIONS	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
OUTSTANDING FEATURES	Best performance-per-watt Two DP nodes in 1U 40/20 Gbps InfiniBand controller onboard More than double computing density and efficiency Independent power & cooling control Reduce power cables and power strips Save maintenance/management costs IPMI 2.0 + KVM with dedicated LAN 1200W Gold Level power supply	Best performance-per-watt Two DP nodes in 1U 40/20 Gbps InfiniBand controller onboard More than double computing density and efficiency Independent power & cooling control Reduce power cables and power strips Save maintenance/management costs IPMI 2.0 + KVM with dedicated LAN 1200W Gold Level power supply	Best performance-per-watt Two DP nodes in 1U More than double computing density and efficiency Independent power & cooling control Reduce power cables and power strips Save maintenance/management costs IPMI 2.0 + KVM with dedicated LAN 1200W Gold Level power supply UID LED
SERVERBOARD/CHIPSET	SUPER● X8DTT-IBQF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTT-IBXF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTT-TF Intel® 5500 chipset with QPI up to 6.4GT/s
SYSTEM MEMORY (Max.)	Twin set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	Twin set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	Twin set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
EXPANSION SLOTS	Twin set of PCI-Express 2.0 x16 via riser card (low-profile)	Twin set of PCI-Express 2.0 x16 via riser card (low-profile)	Twin set of PCI-Express 2.0 x16 via riser card (low-profile)
ONBOARD STORAGE CONTROLLER	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Twin set of dual LAN with Intel® 82576 Gigabit Ethernet controller Twin set of Mellanox ConnectX QDR 40Gbps InfiniBand w/QSFP connector Twin set of Matrox G200eW graphics	Twin set of dual LAN with Intel® 82576 Gigabit Ethernet controller Twin set of Mellanox ConnectX DDR 20Gbps InfiniBand w/QSFP connector Twin set of Matrox G200eW graphics	Twin set of dual LAN with Intel® 82576 Gigabit Ethernet controller Twin set of Matrox G200eW graphics
MANAGEMENT	Twin set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
DRIVE BAYS	Twin set of 2 x 3.5" hot-swap SATA drive bays	Twin set of 2 x 3.5" hot-swap SATA drive bays	Twin set of 2 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	N/A	N/A	N/A
POWER SUPPLY	1200W Gold Level high-efficiency power supply with PMBus	1200W Gold Level high-efficiency power supply with PMBus	1200W Gold Level high-efficiency power supply with PMBus
COOLING SYSTEM	Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
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 705mm (17.2" x 1.7" x 27.75")

UIO
2.5" HDD

UIO
2.5" HDD

UIO



SuperServer 1026T-URF	SuperServer 1026T-UF	SuperServer 6016T-UF SuperServer 6016T-URF	SuperServer 6016T-NTF SuperServer 6016T-NTRF
Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
Universal I/O (UIO) slot Up to 2 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Eight 2.5" SAS/SATA drive bays IPMI 2.0 + KVM with dedicated LAN Redundant high-efficiency power supply UID LED	Universal I/O (UIO) slot Up to 2 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Eight 2.5" SAS/SATA drive bays IPMI 2.0 + KVM with dedicated LAN High-efficiency power supply UID LED	Universal I/O (UIO) slot Up to 2 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Four 3.5" SAS/SATA drive bays IPMI 2.0 + KVM with dedicated LAN Redundant high-efficiency power supply (for 6016T-URF) UID LED	Up to 2 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Four 3.5" SAS/SATA drive bays IPMI 2.0 + KVM with dedicated LAN Redundant high-efficiency power supply (for 6016T-NTRF) UID LED
SUPER● X8DTU-F Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTU-F Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTU-F Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTU-F Intel® 5520 chipset with QPI up to 6.4GT/s
96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
Left slot: 1 Universal I/O (UIO) slot 1 PCI-Express 2.0 x16 Right slot: optional 3rd & 4th LAN port	Left slot: 1 Universal I/O (UIO) slot 1 PCI-Express 2.0 x16 Right slot: optional 3rd & 4th LAN port	Left slot: 1 Universal I/O (UIO) slot 1 PCI-Express 2.0 x16 Right slot: Optional 3rd & 4th LAN port	Left slot: 2 PCI-Express 2.0 x8 1 PCI-E Right slot: Optional 3rd & 4th LAN port
Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW graphics
IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
8 x 2.5" hot-swap SAS/SATA drive bays	8 x 2.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
650W redundant high-efficiency power supply with iFC built-in	560W high-efficiency power supply with iFC built-in	6016T-URF: 650W redundant high-efficiency power supply with iFC built-in 6016T-UF: 560W high-efficiency power supply with iFC built-in	6016T-NTRF: 650W redundant high-efficiency power supply with iFC built-in 6016T-NTF: 560W high-efficiency power supply with iFC built-in
4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")	1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")	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")

SUPER
SERVER
SOLUTION

2.5" HDD



2.5" HDD



	SuperServer 1026T-M3	SuperServer 1026T-T	SuperServer 6016T-MT
PROCESSOR SUPPORT	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
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	20" depth compact size Eight 2.5" SAS/SATA drive bays 24GB DDR3 SDRAM 560W high efficiency power	1 Full-height & full-length PCI-E card Four 2.5" SATA drive bays 24GB DDR3 SDRAM 560W high efficiency power Cost-effective	Short depth chassis Four 3.5" SATA drive bays 24GB DDR3 SDRAM 520W high-efficiency power Cost-effective
SERVERBOARD/CHIPSET	SUPER● X8DTL-3 Intel® 5500 chipset with QPI up to 6.4GT/s	X8DTL-i Intel® 5500 chipset with QPI up to 6.4GT/s	SUPER● X8DTL-i Intel® 5500 chipset with QPI up to 6.4GT/s
SYSTEM MEMORY (Max.)	24GB ECC Reg. or 12GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB ECC Reg. or 12GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB ECC Reg. or 12GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets
EXPANSION SLOTS	1 PCI-Express 2.0 x8 (in x16 slot)	1 PCI-Express 2.0 x8 (in x16 slot)	1 PCI-Express 2.0 x8 (in x16 slot)
ONBOARD STORAGE CONTROLLER	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics
MANAGEMENT	SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog
DRIVE BAYS	8 x 2.5" hot-swap SAS/SATA drive bays	4 x 2.5" hot-swap SATA drive bays	4 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
POWER SUPPLY	560W high-efficiency power supply with FC built-in	560W high-efficiency power supply with FC built-in	520W high-efficiency power supply with FC built-in
COOLING SYSTEM	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	3 x 4cm heavy duty counter-rotating fans and optional 2 x 4cm fans for add-on card area	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
FORM FACTOR	1U Rackmount 437 x 43 x 508mm (17.2" x 1.7" x 20")	1U Rackmount 426 x 43 x 558mm (16.8" x 1.7" x 21.95")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")

Short Depth



SuperServer 6016T-T	SuperServer 6016T-MR	SuperServer 6015TW-INFV SuperServer 6015TW-INFB	SuperServer 6015TW-TV SuperServer 6015TW-TB
Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5400/5300LV/5200/5100LV series	Intel® Xeon® processor 5400/5300LV/5200/5100LV series
File server, e-mail server, web server for small business and other server applications	File server, e-mail server, web server for small business and other server applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
Long-running, proven system architecture Two 3.5" SATA drive bays 24GB DDR3 SDRAM 520W high-efficiency power Cost-effective	Short depth for space efficiency Optimized for server appliance 24GB DDR3 SDRAM 520W high-efficiency power Cost-effective	Two DP nodes in 1U InfiniBand controller onboard More than double computing density and efficiency Independent power control Independent cooling control Reduce power cables and power strips Save maintenance/management costs 980W high efficiency power supply	Two DP nodes in 1U More than double computing density and efficiency Independent power control Independent cooling control Reduce power cables and power strips Save maintenance/management costs 980W high efficiency power supply
SUPER● X8DTL-i Intel® 5500 chipset with QPI up to 6.4GT/s	SUPER● X8DTL-i Intel® 5500 chipset with QPI up to 6.4GT/s	SUPER● X7DWT-INF Intel® 5400 chipset with 1.6GHz FSB	SUPER● X7DWT Intel® 5400 chipset with 1.6GHz FSB
24GB ECC Reg. or 12GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB ECC Reg. or 12GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	Twin set of 64GB Fully-buffered DIMM (FBD) DDR2 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	Twin set of 64GB Fully-buffered DIMM (FBD) DDR2 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported
1 PCI-Express 2.0 x8 (in x16 slot)	1 PCI-Express 2.0 x8 (in x16 slot)	Twin set of 1 PCI-Express 2.0 x16 via riser card	Twin set of 1 PCI-Express 2.0 x16 via riser card
Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics	Twin set of Mellanox 20Gbps InfiniBand controller Twin set of Dual LAN with Intel® 82563 Gigabit Ethernet controller Twin set of ATI® ES1000 32MB PCI graphics	Twin set of Dual LAN with Intel® 82563 Gigabit Ethernet controller Twin set of ATI® ES1000 32MB PCI graphics
SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed SATA drive bay	Twin set of 2 x 3.5" hot-swap drive bays	Twin set of 2 x 3.5" hot-swap drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive	N/A	N/A
520W high-efficiency power supply with PC built-in	520W high-efficiency power supply with PC built-in	980W high-efficiency power supply with PC built-in	980W high-efficiency power supply with PC built-in
2 x 10cm high performance blowers with air shroud & optimal fan speed control	3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	Twin set of 3 x 4cm counter-rotating fans with optimal fan speed control & air shroud	Twin set of 3 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")	Mini 1U Rackmount 426 x 44 x 369mm (16.8" x 1.7" x 14.5")	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")

SUPER
SERVER
SOLUTION

**1U Twin™
SAS RAID 5
2.5" HDD**



**1U Twin™
Cost-effective**



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



	SuperServer 1025TC-3FB	SuperServer 6015TC-LFTB	SuperServer 1025TC-10GB SuperServer 1025TC-TB
PROCESSOR SUPPORT	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
KEY APPLICATIONS	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
OUTSTANDING FEATURES	Best Performance per Watt Two DP nodes in 1U Four hot swap SAS drives per node More than double computing density and efficiency Independent power & cooling control Reduce power cables and power strips Save maintenance/management costs 780W high efficiency power supply IPMI 2.0 + KVM with dedicated LAN	Best Performance per Watt Two DP nodes in 1U More than double computing density and efficiency Independent power & cooling control Reduce power cables and power strips Save maintenance/management costs 780W high efficiency power supply IPMI 2.0 + KVM with dedicated LAN	Best Performance per Watt Two DP nodes in 1U 10GbE connectivity onboard (1025TC-10GB) More than double computing density and efficiency Independent power & cooling control Reduce power cables and power strips Save maintenance/management costs Optional IPMI 2.0 + KVM with dedicated LAN
SERVERBOARD/CHIPSET	SUPER● X7DCT-3F Intel® 5100 chipset with 1.33GHz FSB	SUPER● X7DCT-LF Intel® 5100 chipset with 1.33GHz FSB	1025TC-10GB: SUPER● X7DCT-10G 1025TC-TB: SUPER● X7DCT Intel® 5100 chipset with 1.33GHz FSB
SYSTEM MEMORY (Max.)	Twin set of 48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets	Twin set of 48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets	Twin set of 48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets
EXPANSION SLOTS	Twin set of PCI-Express x16 via riser card	Twin set of PCI-Express x16 via riser card	Twin set of PCI-Express x16 via riser card
ONBOARD STORAGE CONTROLLER	Twin set of LSI® 1064E 4-port SAS controller with optional AOC-iButton68 (RAID 5) Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Twin set of Dual LAN with Intel® 82575EB Gigabit Ethernet controller Twin set of Matrox G200ew 8MB graphics	Twin set of Dual LAN with Intel® 82575EB Gigabit Ethernet controller Twin set of Matrox G200ew 8MB graphics	Twin set of Intel® 82598EB 10GbE controller (for 1025TC-10GB) Twin set of Dual LAN with Intel® 82573V/L Gigabit Ethernet controller Twin set of ATI® ES1000 32MB PCI graphics
MANAGEMENT	Twin set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	Twin set of 4 x 2.5" hot-swap SAS/SATA drive bays	Twin set of 2 x 3.5" hot-swap SATA drive bays	Twin set of 4 x 2.5" hot-swap SATA drive bays
PERIPHERAL BAYS	N/A	N/A	N/A
POWER SUPPLY	780W high-efficiency power supply with i°C built-in	780W high-efficiency power supply with i°C built-in	780W high-efficiency power supply with i°C built-in
COOLING SYSTEM	Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
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 705mm (17.2" x 1.7" x 27.75")

**1U Twin™
10 Gigabit Ethernet**

2.5" HDD

**U10
SAS RAID 5**

3 Add-on Cards



SuperServer 6015TC-10GB SuperServer 6015TC-TB	SuperServer 1025W-UB SuperServer 1025W-URB	SuperServer 6015W-U(V/B) SuperServer 6015W-UR(V/B)	SuperServer 6015W-NT(V/B) SuperServer 6015W-NTR(V/B)
Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300LV/5200/5100LV series	Intel® Xeon® processor 5400/5300LV/5200/5100LV series	Intel® Xeon® processor 5400/5300LV/5200/5100LV series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
Best Performance per Watt Two DP nodes in 1U 10GbE connectivity onboard (6015TC-10GB) More than double computing density and efficiency Independent power & cooling control Reduce power cables and power strips Save maintenance/management costs Optional IPMI 2.0 + KVM with dedicated LAN	Universal I/O (U10) slot Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible U10 SAS or connectivity cards Eight 2.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant power supply (for 1025W-URB) UID LED	Universal I/O (U10) slot Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible U10 SAS or connectivity cards Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant power supply (for 6015W-UR) UID LED	Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant power supply (for 6015W-NTR) UID LED
6015TC-10GB: SUPER● X7DCT-10G 6015TC-TB: SUPER● X7DCT Intel® 5100 chipset with 1.33GHz FSB	SUPER● X7DWU Intel® 5400 chipset with 1.6GHz FSB	SUPER● X7DWU Intel® 5400 chipset with 1.6GHz FSB	SUPER● X7DWU Intel® 5400 chipset with 1.6GHz FSB
Twin set of 48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets	64GB Fully-buffered DIMM (FBD) DDR2 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	64GB Fully-buffered DIMM (FBD) DDR2 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	64GB Fully-buffered DIMM (FBD) DDR2 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported
Twin set of PCI-Express x16 via riser card	Right slot: 1 PCI-Express x8 (low-profile) Left slot: 1 Universal I/O (U10) slot via riser card 1 PCI-Express x8	Right slot: 1 PCI-Express x8 (low-profile) Left slot: 1 Universal I/O (U10) slot via riser card 1 PCI-Express x8	Right slot: 1 PCI-Express x8 (low-profile) Left slot: 2 PCI-Express x8
Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional U10 SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional U10 SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Twin set of Intel® 82598EB 10GbE controller (for 6015TC-10GB) Twin set of Dual LAN with Intel® 82573V/L Gigabit Ethernet controller Twin set of ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics
Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
Twin set of 2 x 3.5" hot-swap SATA drive bays	8 x 2.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays
N/A	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
780W high-efficiency power supply with iFC built-in	650W redundant high-efficiency power supply with iFC built-in (for 1025W-UR) 560W high-efficiency power supply with iFC built-in (for 1025W-U)	650W redundant high-efficiency power supply with iFC built-in (for 6015W-UR) 560W high-efficiency power supply with iFC built-in (for 6015W-U)	650W redundant high-efficiency power supply with iFC built-in (for 6015W-NTR) 560W high-efficiency power supply with iFC built-in (for 6015W-NT)
Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
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 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")

SUPER
SERVER
SOLUTION

3 Add-on Cards



**UIO
SAS RAID 5
2.5" HDD**



**UIO
SAS RAID 5**



	SuperServer 6015W-Ni(B)	SuperServer 1025C-URB	SuperServer 6015C-U(V/B) SuperServer 6015C-UR(V/B)
PROCESSOR SUPPORT	Intel® Xeon® processor 5400/5300LV/5200/5100LV series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
KEY APPLICATIONS	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
OUTSTANDING FEATURES	Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Three fixed 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN UID LED Cost-effective	Universal I/O (UIO) slot Up to 3 add-on cards Optional 3rd & 4th LAN ports Lower power consumption via DDR2 Higher I/O performance Flexible UIO SAS or connectivity cards Eight 2.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN UID LED	Universal I/O (UIO) slot Up to 3 add-on cards Optional 3rd & 4th LAN ports Lower power consumption via DDR2 Higher I/O performance Flexible UIO SAS or connectivity cards Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN UID LED
SERVERBOARD/CHIPSET	SUPER● X7DWU Intel® 5400 chipset with 1.33GHz FSB	SUPER● X7DCU Intel® 5100 chipset with 1.33GHz FSB	SUPER● X7DCU Intel® 5100 chipset with 1.33GHz FSB
SYSTEM MEMORY (Max.)	64GB Fully-buffered DIMM (FBD) DDR2 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets	48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets
EXPANSION SLOTS	Right slot: 1 PCI-Express x8 (low-profile) Left slot: 2 PCI-Express x8 or 1 PCI-Express x16 (optional)	Right slot: 1 PCI-Express x8 (low-profile) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-Express x8	Right slot: 1 PCI-Express x8 (low-profile) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-Express x8
ONBOARD STORAGE CONTROLLER	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller card	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller card
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics
MANAGEMENT	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	3 x 3.5" fixed SAS/SATA drive bays	8 x 2.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays
PERIPHERAL BAYS	N/A	N/A	N/A
POWER SUPPLY	520W high-efficiency power supply with iFC built-in	650W redundant high-efficiency power supply with iFC built-in	650W redundant high-efficiency power supply with iFC built-in (for 6015C-UR) 560W high-efficiency power supply with iFC built-in (for 6015C-U)
COOLING SYSTEM	2 x 10cm high performance blowers with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
FORM FACTOR	1U Rackmount 426 x 43 x 650mm (16.8" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 597mm (17.2" x 1.7" x 23.5")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")

3 Add-on Cards

3 Add-on Cards

**SAS RAID 5
2.5" HDD**

**SAS RAID 5
2.5" HDD**



SuperServer 6015C-NT(V/B) SuperServer 6015C-NTR(V/B)	SuperServer 6015C-Ni(B)	SuperServer 1025C-M3B	SuperServer 1025C-3B
Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive 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
Up to 3 add-on cards Optional 3rd & 4th LAN ports Lower power consumption via DDR2 Higher I/O performance Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant power supply (for 6015C-NTR) UID LED	Up to 3 add-on cards Optional 3rd & 4th LAN ports Lower power consumption via DDR2 Higher I/O performance Optional IPMI 2.0 + KVM with dedicated LAN UID LED Cost-effective	Short depth enclosure Less power consumption via DDR2 and 2.5" HDD Eight 2.5" SAS/SATA drives 560W high-efficiency power supply	Less power consumption via DDR2 and 2.5" HDD Four 2.5" SAS/SATA drives 560W high-efficiency power supply Cost effective
SUPER● X7DCU Intel® 5100 chipset with 1.33GHz FSB	SUPER● X7DCU Intel® 5100 chipset with 1.33GHz FSB	SUPER● X7DCL-3 Intel® 5100 chipset with 1.33GHz FSB	SUPER● X7DCL-3 Intel® 5100 chipset with 1.33GHz FSB
48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets	48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets	48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets	48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets
Right slot: 1 PCI-Express x8 (low-profile) Left slot: 2 PCI-Express x8	Right slot: 1 PCI-Express x8 (low-profile) Left slot: 2 PCI-Express x8	1 PCI-Express x8	1 PCI-Express x8
Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82573 Gigabit Ethernet controller XGI Z9s 32MB graphics	Dual LAN with Intel® 82573 Gigabit Ethernet controller XGI Z9s 32MB graphics
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
4 x 3.5" hot-swap SAS/SATA drive bays	3 x 3.5" fixed SAS/SATA drive bays	8 x 2.5" hot-swap SAS/SATA drive bays	4 x 2.5" hot-swap SATA drive bays
N/A	N/A	1 slim DVD-ROM drive	N/A
650W redundant high-efficiency power supply with iFC built-in (for 6015C-NTR) 560W high-efficiency power supply with iFC built-in (for 6015C-NT)	520W high-efficiency power supply with iFC built-in	560W high-efficiency power supply with iFC built-in	560W high-efficiency power supply with iFC built-in
4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	2 x 10cm high performance blowers with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	3 x 4cm heavy duty counter-rotating fans and optional 2 x 4cm fans for add-on card area
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 508mm (17.2" x 1.7" x 20")	1U Rackmount 426 x 43 x 558mm (16.8" x 1.7" x 21.95")

SUPER
SERVER
SOLUTION

Low-Power Consumption



PCI-Ex16



1U Twin™



	SuperServer 6015C-M3(B) SuperServer 6015C-MT(B)	SuperServer 6015A-NT(V/B)	SuperServer 6015T-INF(V/B) SuperServer 6015T-T(V/B)
PROCESSOR SUPPORT	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
KEY APPLICATIONS	File server, e-mail server, web server for small business & other server applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
OUTSTANDING FEATURES	Less power consumption via DDR2 Four 3.5" SAS/SATA drives 560W high-efficiency power supply Optional IPMI 2.0 + KVM with dedicated LAN Cost effective	PCI-E x16 slot support Four hot-swap drive bays 32GB FB-DIMM memory 2 PCI-Express Gigabit Ethernet ports Optional IPMI 2.0 + KVM with dedicated LAN UID LED	Two DP nodes in 1U InfiniBand connectivity onboard (6015T-INF) More than double computing density and efficiency Independent power control & cooling control reduce power cables and power strips Save maintenance/management costs 980W high efficiency power supply Optional IPMI 2.0 + KVM with dedicated LAN
SERVERBOARD/CHIPSET	6015C-M3: SUPER● X7DCL-3 6015C-MT: SUPER● X7DCL-i Intel® 5100 chipset with 1.33GHz FSB	SUPER● X7DGU Intel® 5000X chipset with 1.33GHz FSB	6015T-INF: SUPER● X7DBT-INF 6015T-T: SUPER● X7DBT Intel® 5000P chipset with 1.33GHz FSB
SYSTEM MEMORY (Max.)	48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	Twin set of 32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets
EXPANSION SLOTS	1 PCI-Express x8	Right slot: 1 Universal PCI-X 133 or PCI-Express x8 Left slot: 1 PCI-Express x16	Twin set of PCI-Express x8 via riser card
ONBOARD STORAGE CONTROLLER	LSI® 1068E 8-port SAS with optional AOC-iButton68 (RAID 5) (for 6015C-M3) Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ESB2 for 4 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82573 Gigabit Ethernet controller XGI Z9s 32MB graphics	Dual LAN with Intel® 82563 Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Twin set of Mellanox 20Gbps InfiniBand controller (for 6015T-INF) Twin set of Dual LAN with Intel® 82563 Gigabit Ethernet controllers Twin set of ATI® ES1000 16MB PCI graphics
MANAGEMENT	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	Twin set of SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	4 x 3.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SATA drive bays	Twin set of 2 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	N/A	1 slim DVD-ROM drive	N/A
POWER SUPPLY	520W high-efficiency power supply	560W high-efficiency power supply with I°C built-in	980W high-efficiency power supply with I°C built-in
COOLING SYSTEM	4 x 4cm heavy duty counter-rotating fans and optional 2 x 4cm fans for add-on card area	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
FORM FACTOR	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")



SuperServer 6015B-8+(V/B) SuperServer 6015B-T+(V/B)	SuperServer 6015B-U(V/B) SuperServer 6015B-UR(V/B)	SuperServer 6015B-NT(V/B) SuperServer 6015B-NTR(V/B)	SuperServer 6015B-Ni(B)
Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
Four SCSI drive bays with SAF-TE Universal PCI-X or PCI-Express 64GB FB-DIMM memory Zero Channel RAID (ZCR) support Optional IPMI 2.0 + KVM with dedicated LAN 700W high-efficiency power	Universal I/O (UIO) slot Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant power supply (for 6015B-UR) UID LED	Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant power supply (for 6015B-NTR) UID LED	Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Three fixed 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN UID LED Cost-effective
6015B-8+: SUPER● X7DBR-8+ 6015B-T+: SUPER● X7DBR-i+ 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 Intel® 5000P chipset with 1.33GHz FSB
64GB Fully-buffered DIMM (FBD) DDR2 667/533 in 16 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets
1 Universal PCI-X 133 or PCI-Express x8	Right slot: 1 Universal PCI-X 133 or PCI-Express x8 (low-profile) Left slot: 1 Universal I/O (UIO) slot via riser card PCI-Express x8	Right slot: 1 Universal PCI-X 133 or PCI-Express x8 (low-profile) Left slot: 2 PCI-Express x8	Right slot: 1 Universal PCI-X 133 or PCI-Express x8 (low-profile) Left slot: 2 PCI-Express x8
Adaptec® 7902W 2 channel Ultra320 SCSI with optional AOC-SOZCR1 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563 Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563 Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563 Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
4 x 3.5" hot-swap SCSI drive bays	4 x 3.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays	3 x 3.5" fixed SATA drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	N/A
700W high-efficiency power supply with / I²C built-in	650W redundant high-efficiency power supply with I²C built-in (for 6015W-UR) 560W high-efficiency power supply with I²C built-in (for 6015W-U)	650W redundant high-efficiency power supply with I²C built-in (for 6015W-UR) 560W high-efficiency power supply with I²C built-in (for 6015W-U)	520W high-efficiency power supply
4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	2 x 10cm high performance blowers with air shroud & optimal fan speed control
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 650mm (17.2" x 1.7" x 25.6")

SUPER
SERVER
SOLUTION



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

	SuperServer 6015B-3(V/B) SuperServer 6015B-3R(V/B)	SuperServer 6015B-8(V/B) SuperServer 6015B-T(V/B)	SuperServer 6015X-3(V/B)
PROCESSOR SUPPORT	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
KEY APPLICATIONS	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
OUTSTANDING FEATURES	Four 3.5" SAS/SATA drives Universal PCI-X or PCI-Express slots Zero Channel RAID (ZCR) support Optional IPMI 2.0 + KVM with dedicated LAN Redundant high-efficiency power available	Four 3.5" SCSI/SATA drives Universal PCI-X or PCI-Express Zero Channel RAID (ZCR) support Optional IPMI 2.0 + KVM with dedicated LAN 560W high-efficiency power	Up to 3 expansion slots in 1U Universal PCI-X or PCI-Express Three 3.5" SAS drives with controller card installed Optional IPMI 2.0 + KVM with dedicated LAN Front-access 700W high-efficiency power
SERVERBOARD/CHIPSET	SUPER® X7DBR-3 Intel® 5000P chipset with 1.33GHz FSB	6015B-8: SUPER® X7DBR-8 6015B-T: SUPER® X7DBR-E Intel® 5000P chipset with 1.33GHz FSB	SUPER® X7DBX-i Intel® 5000P chipset with 1.33GHz FSB
SYSTEM MEMORY (Max.)	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets
EXPANSION SLOTS	Right slot: 1 Universal PCI-X 133 or PCI-Express x8 (low-profile) Left slot: 1 Universal PCI-X 133 or PCI-Express x8	Right slot: 1 Universal PCI-X 133/100 or PCI-Express x8 (low-profile) Left slot: 1 Universal PCI-X 133/100 or PCI-Express x8	1 Universal PCI-X 133 or PCI-Express x8 1 Universal PCI-X 100 or PCI-Express x4 1 PCI-Express x8
ONBOARD STORAGE CONTROLLER	Adaptec® 9410 for 4 SAS with optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Adaptec® 7902W 2 channel Ultra320 SCSI with optional AOC-LPZCR3 (RAID 5) (for 6015B-8) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	AOC-USAS-L4i SAS controller card installed RAID 0, 1, 10 RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics
MANAGEMENT	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	4 x 3.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SCSI drive bays (for 6015B-8) 4 x 3.5" hot-swap SATA drive bays	3 x 3.5" hot-swap SAS/SATA drive bays
PERIPHERAL BAYS	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
POWER SUPPLY	650W redundant high-efficiency power supply with iFC built-in (for 6015B-3R) 560W high-efficiency power supply with iFC built-in (for 6015B-3)	560W high-efficiency power supply with iFC built-in	700W high-efficiency power supply with / iFC built-in
COOLING SYSTEM	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	5 x 4cm heavy duty counter-rotating fans with air shroud & 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 437 x 43 x 705mm (17.2" x 1.7" x 27.75")

2U in 1U SAS
4+1 Add-on Cards



SuperServer 6015X-8(V/B) SuperServer 6015X-T(V/B)	SuperServer 6015P-8(V/B) SuperServer 6015P-8R(V/B)	SuperServer 6015P-T(V/B) SuperServer 6015P-TR(V/B)	SuperServer 6015V-M3(B) SuperServer 6015V-MT(B)
Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	File server, e-mail server, web server for small business & other server applications
Up to 4 expansion slots in 1U Universal PCI-X or PCI-Express Three 3.5" hot-swap SCSI/SATA drives Zero Channel RAID (ZCR) support Optional IPMI 2.0 + KVM with dedicated LAN Front-access 700W high-efficiency power	Four 3.5" hot-swap SCSI drives with SAF-TE Universal PCI-X or PCI-Express Zero Channel RAID (ZCR) support Optional IPMI 2.0 + KVM with dedicated LAN 700W redundant high-efficiency power in 1U	Four 3.5" hot-swap SATA drives with SGPIO Universal PCI-X or PCI-Express Zero Channel RAID (ZCR) support Optional IPMI 2.0 + KVM with dedicated LAN 700W redundant high-efficiency power in 1U	Short depth enclosure Four 3.5" hot-swap SAS/SATA drives Universal PCI-X or PCI-Express Front-side USB 2.0 ports Optional IPMI 2.0 + KVM with dedicated LAN 520W high-efficiency power supply Cost effective
6015X-8: SUPER● X7DBX-8 6015X-T: SUPER● X7DBX-i Intel® 5000P chipset with 1.33GHz FSB	SUPER● X7DBP-8 Intel® 5000P chipset with 1.33GHz FSB	SUPER● X7DBP-i Intel® 5000P chipset with 1.33GHz FSB	6015V-M3: SUPER● X7DVL-3 6015V-MT: SUPER● X7DVL-i Intel® 5000V chipset with 1.33GHz FSB
32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	24GB Fully-buffered DIMM (FBD) DDR2 667/533 in 6 DIMM sockets
1 Universal PCI-X 133 or PCI-Express x8 1 Universal PCI-X 100 or PCI-Express x4 1 PCI-Express x8 (replaceable) 1 PCI-Express x4 (replaceable) Optional 2 PCI-X 133 with RSC-R1UEP-2AX	1 Universal PCI-X 133 or PCI-Express x8 1 Universal PCI-X 100 or PCI-Express x8 (low-profile)	1 Universal PCI-X 133 or PCI-Express x8 1 Universal PCI-X 133 or PCI-Express x8 (low-profile)	1 Universal PCI-X 133 or PCI-Express x8
Adaptec® 7902W 2 channel Ultra320 SCSI with optional AOC-SOZCR1 (RAID 5) (for 6015X-8) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Adaptec® 7902W 2 channel Ultra320 SCSI with optional AOC-SOZCR1 (RAID 5) (for 6015X-8) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	6015V-M3(B): LSI® 1068E 8-port SAS with optional AOC-iButton68 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller XGI Z7 16MB graphics
SIM1U-3B slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
3 x 3.5" hot-swap SCSI drive bays (for 6015X-8) 3 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap SCSI drive bays	4 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive 1 slim floppy	1 slim DVD-ROM drive 1 slim floppy	1 slim DVD-ROM drive
700W high-efficiency power supply with / I°C built-in	700W redundant high-efficiency power supply with I°C built-in (for 6015P-8R) 700W high-efficiency power supply with I°C built-in (for 6015P-8)	700W redundant high-efficiency power supply with I°C built-in (for 6015P-TR) 700W high-efficiency power supply with I°C built-in (for 6015P-T)	520W high-efficiency power
5 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
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")	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")



	SuperServer 6015V-T(B)	SuperServer 6015V-TLP(B)	SuperServer 6015V-MR(B)
PROCESSOR SUPPORT	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
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	<p>Long-running, proven system architecture</p> <p>Two SATA drive bays w/SGPIO</p> <p>Front side USB 2.0 ports</p> <p>Optional IPMI 2.0 + KVM with dedicated LAN</p> <p>520W high-efficiency power supply</p> <p>Cost effective</p>	<p>Long-running, proven system architecture</p> <p>Two SATA drive bays w/SGPIO</p> <p>Front side USB 2.0 ports</p> <p>Optional IPMI 2.0 + KVM with dedicated LAN</p> <p>280W high-efficiency power supply</p> <p>Low power consumption</p> <p>Cost effective</p>	<p>Short depth for space efficiency</p> <p>Optimized for server appliance</p> <p>PCI-X 133</p> <p>IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN</p> <p>Cost effective</p>
SERVERBOARD/CHIPSET	SUPER● X7DVL-E 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
SYSTEM MEMORY (Max.)	24GB Fully-buffered DIMM (FBD) DDR2 667/533 in 6 DIMM sockets	24GB Fully-buffered DIMM (FBD) DDR2 667/533 in 6 DIMM sockets	24GB Fully-buffered DIMM (FBD) DDR2 667/533 in 6 DIMM sockets
EXPANSION SLOTS	1 PCI-X 133	1 Universal PCI-X 133 or PCI-Express x8	1 PCI-X 133
ONBOARD STORAGE CONTROLLER	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller XGI Z7 16MB graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics
MANAGEMENT	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	2 x 3.5" hot-swap SATA drive bays	2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed SATA drive bay
PERIPHERAL BAYS	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
POWER SUPPLY	520W high-efficiency power supply	280W high-efficiency power supply	520W high-efficiency power supply
COOLING SYSTEM	2 x 10cm high performance blowers with air shroud & optimal fan speed control	2 x 10cm high performance blowers with air shroud & optimal fan speed control	3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
FORM FACTOR	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")	Mini 1U Rackmount 437 x 44 x 369mm (17.2" x 1.7" x 14.5")



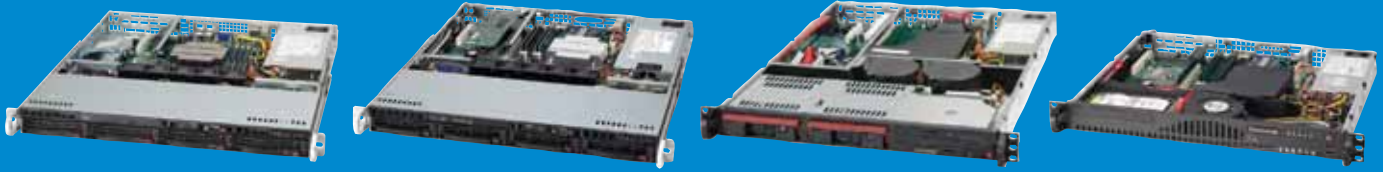
SuperServer 6015V-MRLP(B)	SuperServer 5016Ti-TF	SuperServer 1016i-M6F	SuperServer 5016i-M6F
Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 3400 series	Intel® Xeon® processor 3400 series	Intel® Xeon® processor 3400 series
File server, e-mail server, web server for small business & other server applications	File server, e-mail server, web server for small business and other server applications	File server, e-mail server, web server for small business and other server applications	File server, e-mail server, web server for small business and other server applications
Short depth for space efficiency Optimized for server appliance PCI-X 133 IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN Low power consumption with LP version Cost effective	2 UP nodes in 1U Up to 32GB DDR3 SDRAM Four 3.5" SATA drives 720W Gold Level high-efficiency power supply IPMI 2.0 + KVM with dedicated LAN Double computing density and efficiency Independent power and cooling control Reduce power cables and power strips Save maintenance/management costs	Short depth enclosure Up to 32GB DDR3 SDRAM Eight 2.5" SAS/SATA drives 560W high-efficiency power supply IPMI 2.0 + KVM with dedicated LAN	Compact size chassis Up to 32GB DDR3 SDRAM Four SAS/SATA drive bays 350W Gold Level high-efficiency power supply IPMI 2.0 + KVM with dedicated LAN
SUPER● X7DVL-E Intel® 5000V chipset with 1.33GHz FSB	SUPER● X8SIT-F Intel® 3420 chipset	SUPER● X8SI6-F Intel® 3420 chipset	SUPER● X8SI6-F Intel® 3420 chipset
24GB Fully-buffered DIMM (FBD) DDR2 667/533 in 6 DIMM sockets	16GB UDIMM or 32GB RDIMM ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	16GB UDIMM or 32GB RDIMM ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	16GB UDIMM or 32GB RDIMM ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets
1 PCI-X 133	Twin set of 1 PCI-Express 2.0 x16	1 PCI-Express 2.0 x8 (in x16 slot)	1 PCI-Express 2.0 x8 (in x16 slot)
Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 2008 8-port 6Gb/s SAS; RAID 0, 1, 10 RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 2008 8-port 6Gb/s SAS; RAID 0, 1, 10 RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Twin set of Dual LAN with Intel® 82574L Gigabit Ethernet controller Twin set of Matrox G200eW Graphic	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW Graphic	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW Graphic
SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
1 x 3.5" fixed SATA drive bay	Twin set of 2 x 3.5" hot-swap SATA drive bays	8 x 2.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays
1 slim DVD-ROM drive	N/A	1 slim DVD-ROM drive	1 slim DVD-ROM drive
280W high-efficiency power supply	720W Gold Level high-efficiency power supply	560W high-efficiency power supply	350W Gold Level high-efficiency power supply
2 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	Twin set of 3 x 4cm heavy duty with air shroud & optimal fan speed control	4 x 4cm heavy duty with air shroud & optimal fan speed control	4 x 4cm heavy duty with air shroud & optimal fan speed control
Mini 1U Rackmount 437 x 44 x 369mm (17.2" x 1.7" x 14.5")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 508mm (17.2" x 1.7" x 20")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")

SUPER
SERVER
SOLUTION

SAS
2.5" HDD



	SuperServer 1016T-M3FB	SuperServer 5016i-MR	SuperServer 5016i-TF
PROCESSOR SUPPORT	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 3400 series	Intel® Xeon® processor 3400 series
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	Compact size chassis Eight 2.5" SAS/SATA drive bays 24GB Unbuffered DDR3 SDRAM Dual Gigabit Ethernet ports Front USB 2.0 & serial ports IPMI 2.0 + KVM with dedicated LAN	Short depth for space efficiency Optimized for server appliance 16GB UDIMM or 32GB RDIMM ECC DDR3 SDRAM Cost effective UP platform	Optimized for server appliance 16GB UDIMM or 32GB RDIMM ECC DDR3 SDRAM 350W Gold Level high-efficiency power supply IPMI 2.0 + KVM with dedicated LAN Cost effective UP platform
SERVERBOARD/CHIPSET	SUPER● X8STi-3F Intel® X58 chipset with QPI up to 6.4GT/s	SUPER● X8SIL Intel® 3400 chipset	SUPER● X8SIL-F Intel® 3420 chipset
SYSTEM MEMORY (Max.)	24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	16GB UDIMM or 32GB RDIMM ECC DDR3 1333/1066/800 SDRAM in 4 DIMM sockets	16GB UDIMM or 32GB RDIMM ECC DDR3 1333/1066/800 SDRAM in 4 DIMM sockets
EXPANSION SLOTS	1 PCI-Express 2.0 x16	1 PCI-Express x8	1 PCI-Express x8
ONBOARD STORAGE CONTROLLER	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	4 SATA (3Gbps) RAID 0, 1 (Windows) RAID 0, 1 (Linux)	6 SATA (3Gbps) RAID 0, 1 (Windows) RAID 0, 1 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW Graphics	Intel® 82574L Gigabit Ethernet controllers Matrox G200eW Graphics	Intel® 82574L Gigabit Ethernet controllers Matrox G200eW Graphics
MANAGEMENT	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
DRIVE BAYS	8 x 2.5" hot-swap SAS/SATA drive bays	1 x 3.5" internal drive bay	2 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	1 slim DVD-ROM drive	Optional 1 slim DVD-ROM drive	1 slim DVD-ROM drive
POWER SUPPLY	560W high-efficiency power supply with iFC built-in	200W 80 Plus® Certified high-efficiency power supply	350W Gold Level high-efficiency power supply
COOLING SYSTEM	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	1 x 10cm high performance blower with air shroud & optimal fan speed control	2 x 10cm high performance blower with air shroud & optimal fan speed control
FORM FACTOR	1U Rackmount 437 x 43 x 508mm (17.2" x 1.7" x 20")	Mini 1U Rackmount 426 x 43 x 356mm (17.2" x 1.7" x 14")	1U Rackmount 426 x 43 x 574mm (16.8" x 1.7" x 22.6")



SuperServer 5016i-MTF/MT	SuperServer 5016T-MTF	SuperServer 5016T-T	SuperServer 5016T-MR
Intel® Xeon® processor 3400 series	Intel® Xeon® processor 5500 series	Intel® Core™ i7 & Xeon® processor 3500/5500 series	Intel® Xeon® processor 5500 series
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
Compact size chassis Optimized for server appliance 16GB UDIMM or 32GB RDIMM ECC DDR3 SDRAM 350W Gold Level high-efficiency power supply Cost effective UP platform	Compact size chassis Four SATA drive bays 24GB Unbuffered DDR3 SDRAM Dual Gigabit Ethernet ports Front USB 2.0 & serial ports IPMI 2.0 + KVM with dedicated LAN	Long-running, proven system architecture Two SATA drive bays 24GB Unbuffered DDR3 SDRAM Dual Gigabit Ethernet ports IPMI 2.0 + KVM with dedicated LAN Cost-effective	Short depth for space efficiency Optimized for server appliance 24GB Unbuffered DDR3 SDRAM Dual Gigabit Ethernet ports Cost-effective
5016i-MTF: SUPER● X8SIE-F/Intel® 3420 chipset 5016i-MT: SUPER● X8SIE/Intel® 3400 chipset	SUPER● X8STi-F Intel® X58 chipset with QPI up to 6.4GT/s	SUPER● X8STi-F Intel® X58 chipset with QPI up to 6.4GT/s	SUPER● X8STi Intel® X58 chipset with QPI up to 6.4GT/s
16GB UDIMM or 32GB RDIMM ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets
1 PCI-Express x8	1 PCI-Express 2.0 x16	1 PCI-Express 2.0 x16	1 PCI-Express 2.0 x16
6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1 (Windows) RAID 0, 1 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1 (Windows) RAID 0, 1 (Linux)
Intel® 82574L Gigabit Ethernet controllers Matrox G200eW Graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW Graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW Graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW Graphics
SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog
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 x 3.5" fixed SATA drive bay
1 slim DVD-ROM drive	Optional 1 slim DVD-ROM drive	Optional 1 slim DVD-ROM drive	1 slim DVD-ROM drive
350W Gold Level high-efficiency power supply	280W high-efficiency power supply	280W high-efficiency power supply	200W high-efficiency power supply
4 x 4cm heavy duty fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	2 x 10cm high performance blowers with air shroud & optimal fan speed control	1 x 10cm high performance blower with air shroud & optimal fan speed control
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")	Mini 1U Rackmount 426 x 44 x 369mm (16.8" x 1.7" x 14.5")



**IPMI Built-in
Atom Server**



Atom Server



Atom Server



	SuperServer 5015A-PHF	SuperServer 5015A-H	SuperServer 5015A-L
PROCESSOR SUPPORT	Intel® Atom™ D510 processor embedded	Intel® Atom™ 330 processor embedded	Intel® Atom™ 230 processor embedded
KEY APPLICATIONS	Server appliance, IPC, file server, e-mail server, web server for small business & general server applications	Server appliance, IPC, file server, e-mail server, web server for small business & general server applications	Server appliance, IPC, file server, e-mail server, web server for small business & general server applications
OUTSTANDING FEATURES	IPMI 2.0 + KVM with dedicated LAN built-in Extremely low energy consumption CPU embedded onboard Short depth chassis Fan-less 4GB DDR2 SO-DIMM Optimized for server appliance Extremely cost-effective	Extremely low energy consumption CPU embedded onboard Short depth chassis 2GB DDR2 SDRAM Optimized for server appliance Extremely cost-effective	Extremely low energy consumption CPU embedded onboard Short depth chassis 2GB DDR2 SDRAM Optimized for server appliance Extremely cost-effective
SERVERBOARD/CHIPSET	SUPER●® X7SPA-HF Intel® ICH9R chipset	SUPER●® X7SLA-H Intel® 945GC chipset with 800MHz FSB	SUPER●® X7SLA-L Intel® 945GC chipset with 800MHz FSB
SYSTEM MEMORY (Max.)	4GB Unb. non-ECC DDR2 800/667MHz SO-SDRAM in 2 DIMM sockets	2GB Unb. non-ECC DDR3 667/533/400 SDRAM in 2 DIMM sockets	2GB Unb. non-ECC DDR3 667/533/400 SDRAM in 2 DIMM sockets
EXPANSION SLOTS	1 Internal PCI-Express x4 (in x16 slot)	1 PCI-Express x8	1 PCI-Express x8
ONBOARD STORAGE CONTROLLER	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1	Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1	Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82574L Gigabit Ethernet controller Intel® GMA950 graphics	Dual LAN with Realtek RTL8111C Gigabit Ethernet controller Intel GMA950 graphics	Realtek RTL8111C Gigabit Ethernet controller Intel GMA950 graphics
MANAGEMENT	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog
DRIVE BAYS	1 x 3.5" fixed SATA drive bay or 2 x 2.5" fixed SATA drive bays	1 x 3.5" fixed SATA drive bay or 2 x 2.5" fixed SATA drive bays	1 x 3.5" fixed SATA drive bay or 2 x 2.5" fixed SATA drive bays
PERIPHERAL BAYS	N/A	N/A	N/A
POWER SUPPLY	200W low-noise high-efficiency power supply	200W low-noise high-efficiency power supply	200W low-noise high-efficiency power supply
COOLING SYSTEM	Fan-less	Fan-less	Fan-less
FORM FACTOR	Mini 1U Rackmount 437 x 43 x 249mm (17.2" x 1.7" x 9.8")	Mini 1U Rackmount 437 x 43 x 249mm (17.2" x 1.7" x 9.8")	Mini 1U Rackmount 437 x 43 x 249mm (17.2" x 1.7" x 9.8")



SuperServer 5015TB-10GB SuperServer 5015TB-TB	SuperServer 5015B-U(V/B) SuperServer 5015B-UR(V/B)	SuperServer 5015B-NT(V/B) SuperServer 5015B-NTR(V/B)	SuperServer 5015B-M3B
Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive 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
Cost-effective UP 1U Twin 10GbE controller onboard (for 5015TB-10G) Double computing density and efficiency Independent power control Independent cooling control Reduce power cables and power strips Save maintenance/management costs 780W high efficiency power supply	Universal I/O (UIO) slot Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM w/dedicated LAN Redundant power supply (for 5015B-UR) UID LED Cost effective UP platform	Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant power supply (for 5015B-NTR) UID LED Cost effective UP platform	Compact size chassis 8GB Unbuffered DDR2 SDRAM IPMI 2.0 + KVM with dedicated LAN 280W high-efficiency power supply Cost effective UP platform
5015TB-10GB: SUPER● X7SBT-10 5015TB-TB: SUPER● X7SBT Intel® X48 chipset with 1.6GHz FSB	SUPER● X7SBU Intel® X48 chipset with 1.6GHz FSB	SUPER● X7SBU Intel® X48 chipset with 1.6GHz FSB	SUPER● X7SB3-F Intel® 3210 chipset with 1.33GHz FSB
8GB Unb. ECC DDR3 1333/1066/800 or 4GB non-ECC 1600 XMP SDRAM in 4 DIMM sockets	8GB Unb. non-ECC DDR3 1333/1066/800 or 4GB non-ECC 1600 XMP SDRAM in 4 DIMM sockets	8GB Unb. non-ECC DDR3 1333/1066/800 or 4GB non-ECC 1600 XMP SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 800/667 SDRAM in 4 DIMM sockets
Twin set of PCI-Express 2.0 x16	Right slot: 1 PCI-Express x4 (in x8 slot) (low-profile) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-Express x8	Right slot: 1 PCI-Express x4 (in x8 slot) (low-profile) Left slot: 2 PCI-Express x8	1 PCI-Express x8
Twin set of Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller card	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
5015TB-10GB: Twin set of Intel® 82598EB 10GbE controller Twin set of Intel® 82573V + 82573L Gigabit Ethernet controllers Twin set of XGI Z9S 32MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82574L PCI-E Gigabit Ethernet controller Integrated 128MB server graphics
Twin set of SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
Twin set of 2 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap SAS/SATA drive bays
N/A	1 slim DVD-ROM drive	1 slim DVD-ROM drive	Optional 1 slim DVD-ROM drive
780W high-efficiency power supply with iFC built-in	450W redundant high-efficiency power supply with iFC built-in (for 5015B-UR) 560W high-efficiency power supply with iFC built-in (for 5015B-U)	450W redundant high-efficiency power supply with iFC built-in (for 5015B-NTR) 560W high-efficiency power supply with iFC built-in (for 5015B-NT)	280W high-efficiency power supply with iFC built-in
Twin set of 3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	3 (for 5015B-NT)/4 (for 5015B-NTR) x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.5")	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 508mm (17.2" x 1.7" x 20")

SUPER
SERVER
SOLUTION

2.5" HDD



2.5" HDD



	SuperServer 1015B-M3B	SuperServer 1015B-3B	SuperServer 5015B-MT(B)
PROCESSOR SUPPORT	Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series
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	Compact size chassis Eight 2.5" SAS/SATA drive bays 8GB Unbuffered DDR2 SDRAM IPMI 2.0 + KVM with dedicated LAN 560W high-efficiency power supply Cost effective UP platform	Compact size chassis Four 2.5" SAS/SATA drive bays 8GB Unbuffered DDR2 SDRAM IPMI 2.0 + KVM with dedicated LAN 560W high-efficiency power supply Cost effective UP platform	Compact size chassis Four 3.5" SATA drive bays 8GB Unbuffered DDR2 SDRAM Optional IPMI 2.0 + KVM with dedicated LAN 300W high-efficiency power supply Cost effective UP platform
SERVERBOARD/CHIPSET	SUPER● X7SB3-F Intel® 3210 chipset with 1.33GHz FSB	SUPER● X7SB3-F Intel® 3210 chipset with 1.33GHz FSB	SUPER● X7SBI Intel® 3210 chipset with 1.33GHz FSB
SYSTEM MEMORY (Max.)	8GB Unb. ECC DDR3 800/667 SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 800/667 SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 800/667 SDRAM in 4 DIMM sockets
EXPANSION SLOTS	1 PCI-Express x8	1 PCI-Express x8	1 Universal PCI-X 133 or PCI-Express x8
ONBOARD STORAGE CONTROLLER	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82574L PCI-E Gigabit Ethernet controller Integrated 128MB server graphics	Dual LAN with Intel® 82574L PCI-E Gigabit Ethernet controller Integrated 128MB server graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics
MANAGEMENT	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	8 x 2.5" hot-swap SAS/SATA drive bays	4 x 2.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	Optional 1 slim DVD-ROM drive	Optional 1 slim DVD-ROM drive	1 slim DVD-ROM drive
POWER SUPPLY	560W high-efficiency power supply with iFC built-in	560W high-efficiency power supply with iFC built-in	300W high-efficiency power supply
COOLING SYSTEM	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
FORM FACTOR	1U Rackmount 437 x 43 x 508mm (17.2" x 1.7" x 20")	1U Rackmount 426 x 43 x 558mm (16.8" x 1.7" x 21.95")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")



SuperServer 5015B-T(B)	SuperServer 5015B-MF(B)	SuperServer 5015B-MR(B)	SuperServer 5015M-U(V/B) SuperServer 5015M-UR(V/B)
Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series
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
Two 3.5" SATA drive bays 8GB Unbuffered DDR2 SDRAM Optional IPMI 2.0 + KVM with dedicated LAN Cost effective UP platform	Short depth for space efficiency Optimized for server appliance 8GB Unbuffered DDR2 SDRAM Optional IPMI 2.0 + KVM with dedicated LAN Cost effective UP platform Front I/O Access	Short depth for space efficiency Optimized for server appliance 8GB Unbuffered DDR2 SDRAM Optional IPMI 2.0 + KVM with dedicated LAN Cost effective UP platform	Universal I/O (UIO) slot Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant power supply (for 5015M-UR) Cost effective UP platform UID LED
SUPER● X7Sbi Intel® 3210 chipset with 1.33GHz FSB	SUPER● X7Sbi Intel® 3210 chipset with 1.33GHz FSB	SUPER● X7Sbi Intel® 3210 chipset with 1.33GHz FSB	SUPER● PDSMU Intel® 3010 chipset with 1.06GHz FSB
8GB Unb. ECC DDR3 800/667 SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 800/667 SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 800/667 SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 667/533 SDRAM in 4 DIMM sockets
1 Universal PCI-X 133 or PCI-Express x8	1 Universal PCI-X 133 or PCI-Express x8	1 Universal PCI-X 133 or PCI-Express x8	Right slot: 1 PCI-Express x4 (in x8 slot) Left slot: 1 Universal I/O (UIO) slot via riser card 1 PCI-Express x8
Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller card
Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed SATA drive bay or optional 2 x 2.5" fixed SATA drive bays	1 x 3.5" fixed SATA drive bay	4 x 3.5" hot-swap SAS/SATA drive bays
1 slim DVD-ROM drive 1 floppy drive	N/A	Optional 1 slim DVD-ROM drive	1 slim DVD-ROM drive
260W power supply	260W power supply	200W high-efficiency power supply	450W redundant high-efficiency power supply with i°C built-in (for 5015M-UR) 560W high-efficiency power supply with i°C built-in (for 5015M-U)
2 x 10cm high performance blowers with air shroud & optimal fan speed control	1 x 10cm high performance blower with air shroud & optimal fan speed control	1 x 10cm high performance blower with air shroud & optimal fan speed control	3/4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
1U Rackmount 426 x 43 x 574mm (17.2" x 1.7" x 22.6")	Mini 1U Rackmount 426 x 43 x 356mm (17.2" x 1.7" x 14")	Mini 1U Rackmount 426 x 43 x 356mm (17.2" x 1.7" x 14")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")

SUPER
SERVER
SOLUTION

3 Add-on Cards



3 Add-on Cards



	SuperServer 5015M-NT(V/B) SuperServer 5015M-NTR(V/B)	SuperServer 5015M-Ni(B)	SuperServer 5015M-MT+(B)
PROCESSOR SUPPORT	Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series
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	Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Four 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant power supply (for 5015M-NTR) UID LED Cost effective UP platform	Up to 3 add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Optional IPMI 2.0 + KVM with dedicated LAN UID LED Cost effective UP platform	Compact size chassis Four 3.5" SATA drive bays 8GB Unbuffered DDR2 SDRAM Optional IPMI 2.0 Cost effective UP platform
SERVERBOARD/CHIPSET	SUPER● PDSMU Intel® 3010 chipset with 1.06GHz FSB	SUPER● PDSMU Intel® 3010 chipset with 1.06GHz FSB	SUPER● PDSMi+ Intel® 3010 chipset with 1.06GHz FSB
SYSTEM MEMORY (Max.)	8GB Unb. ECC DDR3 667/533 SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 667/533 SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 667/533 SDRAM in 4 DIMM sockets
EXPANSION SLOTS	Right slot: 1 PCI-Express x4 (in x8 slot)(low-profile) Left slot: 2 PCI-Express x8	Right slot: 1 PCI-Express x4 (in x8 slot) Left slot: 2 PCI-Express x8	1 Universal PCI-X 133 or PCI-Express x8
ONBOARD STORAGE CONTROLLER	Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics
MANAGEMENT	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	4 x 3.5" hot-swap SAS/SATA drive bays	3 x 3.5" fixed SATA drive bays	4 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	1 slim DVD-ROM drive	N/A	1 slim DVD-ROM drive
POWER SUPPLY	450W redundant high-efficiency power supply with iFC built-in (for 5015M-NTR) 560W high-efficiency power supply with iFC built-in (for 5015M-NT)	280W high-efficiency power supply with iFC built-in	300W power supply
COOLING SYSTEM	3(5015M-NT)/4(5015M-NTR) x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	2 x 10cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	4 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control
FORM FACTOR	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 426 x 43 x 558mm (16.8" x 1.7" x 21.95")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")

2U Twin²™



SuperServer 5015M-T+(B)	SuperServer 5015M-MF+(B)	SuperServer 5015M-MR+(B)	SuperServer 6026TT-IBQF SuperServer 6026TT-IBXF/TF
Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series	Intel® Core 2 & Xeon® processor 3000 series	Intel® Xeon® processor 5500 series
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	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
Two 3.5" SATA drive bays 8GB Unbuffered DDR2 SDRAM Optional IPMI 2.0 Cost effective UP platform	Short depth for space efficiency Optimized for server appliance 8GB Unbuffered DDR2 SDRAM Optional IPMI 2.0 Cost effective UP platform Front I/O Access	Short depth for space efficiency Optimized for server appliance 8GB Unbuffered DDR2 SDRAM Optional IPMI 2.0 Cost effective UP platform	Best performance-per-watt Four DP nodes in 2U 40/20 Gb InfiniBand controller onboard More than double computing density and efficiency Independent power & cooling control reduce power cables and power strips Save maintenance/management costs IPMI 2.0 + KVM w/ dedicated LAN 1400W Gold Level power supply
SUPER●PDSMi+ Intel® 3010 chipset with 1.06GHz FSB	SUPER●PDSMi+ Intel® 3010 chipset with 1.06GHz FSB	SUPER●PDSMi+ Intel® 3010 chipset with 1.06GHz FSB	6026TT-TF: SUPER●X8DTT-F 6026TT-IBQF: SUPER●X8DTT-IBQF 6026TT-IBXF: SUPER●X8DTT-IBXF Intel® 5520 chipset with QPI up to 6.4GT/s
8GB Unb. ECC DDR3 667/533 SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 667/533 SDRAM in 4 DIMM sockets	8GB Unb. ECC DDR3 667/533 SDRAM in 4 DIMM sockets	Quad set of 48GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
1 Universal PCI-X 133 or PCI-Express x8	1 Universal PCI-X 133 or PCI-Express x8	1 Universal PCI-X 133 or PCI-Express x8	Quad set of PCI-Express 2.0 x16 via riser card (low-profile)
Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 16MB PCI graphics	Quad set of dual LAN with Intel® 82576 Gigabit Ethernet controller Quad set of Mellanox ConnectX QDR 40Gbps InfiniBand w/QSFP connector (for 6026TT-IBQF) Quad set of Mellanox ConnectX DDR 20Gbps InfiniBand w/QSFP connector (for 6026TT-IBXF) Quad set of Matrox G200eW graphics
SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	Quad set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed SATA drive bay or optional 2 x 2.5" fixed SATA drive bays	1 x 3.5" fixed SATA drive bay	Quad set of 3 x 3.5" hot-swap SATA drive bays
1 slim DVD-ROM drive 1 floppy drive	1 slim DVD-ROM drive 1 floppy drive	1 slim DVD-ROM drive	N/A
300W power supply	260W power supply	260W power supply	1400W Gold Level high-efficiency power supply with PMBus
3 x 4cm heavy duty counter-rotating fans with air shroud & optimal fan speed control	2 x 10cm high performance blowers with air shroud & optimal fan speed control	1 x 10cm high performance blower with air shroud & optimal fan speed control	4 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control
1U Rackmount 426 x 43 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 426 x 43 x 356mm (17.2" x 1.7" x 14")	Mini 1U Rackmount 426 x 43 x 356mm (17.2" x 1.7" x 14")	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")



	SuperServer 2026TT-HIBQRF/ HIBXRF/HTRF	SuperServer 6026TT-HIBQ(R)F SuperServer 6026TT-HIBX(R)F	SuperServer 6026TT-HBT(R)F
PROCESSOR SUPPORT	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
KEY APPLICATIONS	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
OUTSTANDING FEATURES	Best performance-per-watt Four DP nodes in 2U Hot-swappable computing modules Cable-less 40/20 Gb InfiniBand controller onboard 6 x 2.5" HDDs per Node Independent power & cooling control IPMI 2.0 + KVM w/ dedicated LAN Redundant 1400W Gold Level power supply	Best performance-per-watt Four DP nodes in 2U Hot-swappable computing modules Cable-less 40/20 Gb InfiniBand controller onboard More than double computing density and efficiency Independent power & cooling control IPMI 2.0 + KVM w/ dedicated LAN Redundant 1400W Gold Level power supply	Best performance-per-watt Four DP nodes in 2U Hot-swappable computing modules Cable-less More than double computing density and efficiency Independent power control Independent cooling control IPMI 2.0 + KVM w/ dedicated LAN Redundant 1400W Gold Level power supply
SERVERBOARD/CHIPSET	2026TT-HIBQRF/HIBXRF: SUPER● X8DTT-HIBQF+/HIBXF+ 2026TT-HTRF: SUPER● X8DTT-HF+ Intel® 5520 chipset with QPI up to 6.4GT/s	6026TT-HBIBQF: SUPER● X8DTT-HIBQF 6026TT-HBIBXF: SUPER● X8DTT-HIBXF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTT-HF Intel® 5500 chipset with QPI up to 6.4GT/s
SYSTEM MEMORY (Max.)	Quad set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	Quad set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	Quad set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
EXPANSION SLOTS	Quad set of PCI-Express 2.0 x16 via riser card (low-profile)	Quad set of PCI-Express 2.0 x16 via riser card (low-profile)	Quad set of PCI-Express 2.0 x16 via riser card (low-profile)
ONBOARD STORAGE CONTROLLER	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Quad set of Dual LAN with Intel® 82574 Gigabit Ethernet controller Quad set of Mellanox ConnectX QDR 40Gbps InfiniBand w/QSFP connector (for 2026TT-HIBQRF) Quad set of Mellanox ConnectX DDR 20Gbps InfiniBand w/QSFP connector (for 2026TT-HIBXRF) Quad set of Matrox G200eW graphics	Quad set of Dual LAN with Intel® 82574 Gigabit Ethernet controller Quad set of Mellanox ConnectX QDR 40Gbps InfiniBand w/QSFP connector (for 6026TT-HBIBQF) Quad set of Mellanox ConnectX DDR 20Gbps InfiniBand w/QSFP connector (for 6026TT-HBIBXF) Quad set of Matrox G200eW graphics	Quad set of dual LAN with Intel® 82574 Gigabit Ethernet controller Quad set of Matrox G200eW graphics
MANAGEMENT	Quad set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Quad set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Quad set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
DRIVE BAYS	Quad set of 6 x 2.5" hot-swap SATA drive bays	Quad set of 3 x 3.5" hot-swap SATA drive bays	Quad set of 3 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	N/A	N/A	N/A
POWER SUPPLY	1400W redundant Gold Level high-efficiency power supply with PMBus	1400W redundant Gold Level high-efficiency power supply with PMBus (R version only)	1400W redundant Gold Level high-efficiency power supply with PMBus (R version only)
COOLING SYSTEM	4 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	4 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	4 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control
FORM FACTOR	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")

**2U Twin²_{TM}
40 Gbps InfiniBand
Hot-pluggable**



**2U Twin²_{TM}
Hot-pluggable**



**2U Twin
Hot-pluggable
6 x 3.5" HDDs
per Node & per 1U**



**6 Gb/s SAS
2.5" HDD**



SuperServer 6026TT-BIBQ(R)F SuperServer 6026TT-BIBX(R)F	SuperServer 6026TT-BT(R)F	SuperServer 6026TT-HDIBQRF/ HDIBXRF/HDTRF	SuperServer 2026T-6RF
--	---------------------------	--	-----------------------

Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
Best performance-per-watt Four DP nodes in 2U Hot-swappable computing modules 40/20 Gb InfiniBand controller onboard More than double computing density and efficiency Independent power & cooling control Reduce power cables and power strips IPMI 2.0 + KVM w/ dedicated LAN Redundant 1400W Gold Level power supply	Best performance-per-watt Four DP nodes in 2U Hot-swappable computing modules More than double computing density and efficiency Independent power control Independent cooling control Reduce power cables and power strips IPMI 2.0 + KVM w/ dedicated LAN Redundant 1400W Gold Level power supply	6 x 2.5" HDDs per node & per 1U Two DP nodes in 2U Hot-swappable computing modules Independent power control Independent cooling control Reduce power cables and power strips IPMI 2.0 + KVM w/ dedicated LAN Redundant 1400W Gold Level power supply	Eight 2.5" SAS2 drive bays 96GB DDR3 SDRAM IPMI 2.0 + KVM w/ dedicated LAN 720W Gold Level power supply
6026TT-BIBQF: SUPER● X8DTT-IBQF 6026TT-BIBXF: SUPER● X8DTT-IBXF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTT-F Intel® 5500 chipset with QPI up to 6.4GT/s	6026TT-HDIBQRF/HDIBXRF: SUPER● X8DTT-HIBQF+/HIBXF+ 6026TT-HDTRF: SUPER● X8DTT-HF+ Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DT6-F Intel® 5520 chipset with QPI up to 6.4GT/s
Quad set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	Quad set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	Twin set of 96GB* ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
Quad set of PCI-Express 2.0 x16 via riser card (low-profile)	Quad set of PCI-Express 2.0 x16 via riser card (low-profile)	Twin set of 2 PCI-Express 2.0 x8 (in x16 slot) via riser card (Full-height & full-length)	3 PCI-Express 2.0 x8 1 PCI-Express 2.0 x4 1 PCI-Express x4
Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Quad set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Twin set of Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 2008 8-port 6Gb/s SAS; RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Quad set of dual LAN with Intel® 82576 Gigabit Ethernet controller Quad set of Mellanox ConnectX QDR 40Gbps InfiniBand w/QSFP connector (for 6026TT-BIBQF) Quad set of Mellanox ConnectX DDR 20Gbps InfiniBand w/QSFP connector (for 6026TT-BIBXF) Quad set of Matrox G200eW graphics	Quad set of dual LAN with Intel® 82576 Gigabit Ethernet controller Quad set of Matrox G200eW graphics	Twin set of dual LAN with Intel® 82574 Gigabit Ethernet controller Twin set of Matrox G200eW graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics
Quad set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Quad set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	Twin set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
Quad set of 3 x 3.5" hot-swap SATA drive bays	Quad set of 3 x 3.5" hot-swap SATA drive bays	Twin set of 6 x 3.5" hot-swap SATA drive bays	8 x 2.5" hot-swap SAS/SATA drive bays
N/A	N/A	N/A	N/A
1400W redundant Gold Level high-efficiency power supply with PMBus (R version only)	1400W redundant Gold Level high-efficiency power supply with PMBus (R version only)	1400W redundant Gold Level high-efficiency power supply with PMBus (R version only)	720W Gold-Level redundant high-efficiency power supply
4 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	4 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	4 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control
2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	2U Rackmount 437 x 89 x 630mm (17.2" x 3.5" x 24.8")

SUPER
SERVER
SOLUTION



18 DIMMs



UIO



	SuperServer 6026T-T	SuperServer 6026T-NTR+	SuperServer 6026T-URF
PROCESSOR SUPPORT	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
KEY APPLICATIONS	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
OUTSTANDING FEATURES	Long-running, proven system architecture Six SAS/SATA drive bays 96GB DDR3 SDRAM 650W power supply	Outstanding memory performance Up to 144GB ECC DDR3 support Six low profile PCI-E/X expansions Optional IPMI 2.0 + KVM with dedicated LAN Redundant high efficiency power supply	Universal I/O (UIO) slot Up to 3 full-size add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Eight 3.5" SAS/SATA drive bays IPMI 2.0 + KVM with dedicated LAN Redundant high efficiency power supply
SERVERBOARD/CHIPSET	SUPER● X8DTE Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTN+ Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTU-F Intel® 5520 chipset with QPI up to 6.4GT/s
SYSTEM MEMORY (Max.)	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	144GB ECC Reg. or 24GB Unb. ECC DDR3 1333/1066/800 SDRAM in 18 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
EXPANSION SLOTS	4 PCI-Express 2.0 x8 1 PCI-Express 2.0 x4 1 PCI-Express x4	2 PCI-Express 2.0 x8 (1 in x16 slot) 1 PCI-Express x4 (in x8 slot) 3 PCI-X 133/100 1 Universal I/O (UIO) slot (all low profile slots)	1 Universal I/O (UIO) slot 2 PCI-Express 2.0 x8
ONBOARD STORAGE CONTROLLER	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW Graphics
MANAGEMENT	SuperDoctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog
DRIVE BAYS	6 x 3.5" hot-swap SATA drive bays	8 x 3.5" hot-swap SATA drive bays	8 x 3.5" hot-swap SAS/SATA drive bays
PERIPHERAL BAYS	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
POWER SUPPLY	650W power supply	720W redundant high-efficiency power supply with PMBus	720W redundant high-efficiency Gold level power supply with PMBus
COOLING SYSTEM	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control
FORM FACTOR	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 437 x 89 x 648mm (17.2" x 3.5" x 25.5")

SAS RAID 5**UIO SAS RAID 5****UIO SAS RAID 5**

SuperServer 6026T-3RF	SuperServer 6025W-URV SuperServer 6025W-URB	SuperServer 6025W-NTR+V SuperServer 6025W-NTR+B	SuperServer 6025C-URV SuperServer 6025C-URB
Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5400/5300LV/5200/5100LV series	Intel® Xeon® processor 5400/5300LV/5200/5100LV series	Intel® Xeon® processor 5400/5300/5200/5100 series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
Eight 3.5" SAS/SATA drives Six low profile PCI-E/X expansions IPMI 2.0 + KVM with dedicated LAN Redundant high efficiency power supply	Universal I/O (UIO) slot Up to 3 full-size add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Eight 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant high efficiency power supply	Outstanding memory performance Up to 128GB ECC FBD DDR2 support Six low profile PCI-E/X expansions Optional IPMI 2.0 + KVM with dedicated LAN Redundant high efficiency power supply	Universal I/O (UIO) slot Up to 3 full-size add-on cards Optional 3rd & 4th LAN ports Energy efficient San Clemente chipset Higher I/O performance Flexible UIO SAS or connectivity cards Eight 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant high efficiency power supply
SUPER● X8DT3-F Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X7DWU Intel® 5400 chipset with 1.6GHz FSB	SUPER● X7DWN+ Intel® 5400 chipset with 1.6GHz FSB	SUPER● X7DCU Intel® 5100 chipset with 1.33GHz FSB
96GB ECC Reg. or 24GB Unb. ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	64GB Fully-buffered DIMM (FBD) DDR2 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	128GB Fully-buffered DIMM (FBD) DDR2 800/667 in 16 DIMM sockets 1.5V & 1.8V FB-DIMM supported	48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets
3 PCI-Express 2.0 x8 (1 in x16 slot) 1 PCI-Express x4 2 PCI 33 (all low profile slots)	Right slot: 2 PCI-Express x8 2.0 (low-profile) Left slot: 1 Universal I/O (UIO) slot via riser card 3 PCI-Express x8 or PCI-X 133 optional	2 PCI-Express x8 2.0 1 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 1 Universal I/O slot (all low profile slots)	Right slot: 2 PCI-Express x4 (low-profile) 1 PCI-X 133 (low-profile) Left slot: 1 Universal I/O (UIO) slot via riser card 3 PCI-Express x8 or PCI-X 133 optional
LSI® 1068E 8-port SAS with optional AOC-iButton68 (RAID 5); RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Intel® ICH9R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller card
Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW Graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics
IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO+ socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
8 x 3.5" hot-swap SAS/SATA drive bays	8 x 3.5" hot-swap SAS/SATA drive bays 2 x 3.5" internal drive bays	8 x 3.5" hot-swap SAS/SATA drive bays 2 x 3.5" internal drive bays	8 x 3.5" hot-swap SAS/SATA drive bays 2 x 3.5" internal drive bays
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
720W redundant high-efficiency Gold level power supply with PMBus	700W redundant high-efficiency power supply with iFC built-in	700W redundant high-efficiency power supply with iFC built-in	700W redundant high-efficiency power supply with iFC built-in
3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control
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 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")

SUPER
SERVER
SOLUTION



	SuperServer 6025B-URV SuperServer 6025B-URB	SuperServer 6025B-3(V/B) SuperServer 6025B-3R(V/B)	SuperServer 6025B-8R+(V/B) SuperServer 6025B-TR+(V/B)
PROCESSOR SUPPORT	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
KEY APPLICATIONS	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
OUTSTANDING FEATURES	Universal I/O (UIO) slot Up to 3 full-size add-on cards Optional 3rd & 4th LAN ports Higher I/O performance Flexible UIO SAS or connectivity cards Eight 3.5" SAS/SATA drive bays Optional IPMI 2.0 + KVM with dedicated LAN Redundant high efficiency power supply	Eight 3.5" SAS/SATA drives Six low profile PCI-E/X expansions Optional IPMI 2.0 + KVM with dedicated LAN Zero channel RAID available Redundant high efficiency power supply available	Eight 3.5" SCSI/SATA drives Six low profile PCI-E/X expansions Optional IPMI 2.0 + KVM with dedicated LAN Redundant high efficiency power supply
SERVERBOARD/CHIPSET	SUPER● X7DBU Intel® 5000P chipset with 1.33GHz FSB	SUPER● X7DB3 Intel® 5000P chipset with 1.33GHz FSB	6025B-8R+: SUPER● X7DB8+ 6025B-TR+: SUPER● X7DBE+ Intel® 5000P chipset with 1.33GHz FSB
SYSTEM MEMORY (Max.)	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	64GB Fully-buffered DIMM (FBD) DDR2 667/533 in 16 DIMM sockets
EXPANSION SLOTS	Right slot: 2 PCI-Express x4 (low-profile) 1 PCI-X 133 (low-profile) Left slot: 1 Universal I/O (UIO) slot via riser card 3 PCI-Express x8 or PCI-X 133 optional	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 1 PCI-X 100 (all low profile slots)	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 1 PCI-X 100 (all low profile slots)
ONBOARD STORAGE CONTROLLER	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Adaptec® 9410W 8-port SAS controller with optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	6025B-8R+: Adaptec® 7902W 2-channel U320 with optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics
MANAGEMENT	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMLP socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMLP socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	8 x 3.5" hot-swap SAS/SATA drive bays 2 x 3.5" internal drive bays	8 x 3.5" hot-swap SAS/SATA drive bays 2 x 3.5" internal drive bays	8 x 3.5" hot-swap SAS/SATA 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	700W redundant high-efficiency power supply with iFC built-in	6025B-3R: 700W redundant high-efficiency power supply with iFC built-in 6025B-3: 560W high-efficiency power supply	700W redundant high-efficiency power supply with iFC built-in
COOLING SYSTEM	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	3 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control
FORM FACTOR	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 437 x 89 x 648mm (17.2" x 3.5" x 25.5")

2U Twin²**SAS RAID 5****SAS RAID 5**

SuperServer 5026Ti-BTRF	SuperServer 5026T-3F	SuperServer 5026T-T	SuperServer 5025B-4(B) SuperServer 5025B-T(B)
Intel® Xeon® processor 3400 series	Intel® Core™ i7 & Xeon® processor 3500/5500 series	Intel® Core™ i7 & Xeon® processor 3500/5500 series	Intel® Core 2 & Xeon® processor 3200/3000 series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	File server, e-mail server, web server for small business and other server applications
Best performance-per-watt Four UP nodes in 2U Hot-swappable computing modules More than double computing density and efficiency Independent power & cooling control IPMI 2.0 + KVM w/ dedicated LAN Redundant 1400W Gold Level power supply	Long-running, proven system architecture Six SAS/SATA drive bays 24GB Unb. DDR3 SDRAM Dual Gigabit Ethernet ports IPMI 2.0 with dedicated LAN Cost-effective	Long-running, proven system architecture Six SATA drive bays 24GB Unbuffered DDR3 SDRAM Dual Gigabit Ethernet ports Cost-effective	Long-running, proven system architecture Six SCSI/SATA drive bays Dual Gigabit Ethernet ports Optional IPMI 2.0 + KVM with dedicated LAN Cost-effective
SUPER● X8SIT-F Intel® 3420 Express chipset	SUPER● X8STi-3F Intel® X58 Express chipset with QPI up to 6.4GT/s	SUPER● X8STE Intel® X58 Express chipset with QPI up to 6.4GT/s	5025B-4: SUPER● X7SB4 5025B-T: SUPER● X7SBE Intel® 3210 chipset with 1.33GHz FSB
Quad set of 16GB UDIMM or 32GB RDIMM ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	8GB Unb. ECC DDR2 800/667 SDRAM in 4 DIMM sockets
Quad set of PCI-Express 2.0 x16 via riser card (low-profile)	3 PCI-Express 2.0 x8 (1 in x16 slot) 1 PCI-Express x4 (in x8 slot) 2 PCI 33 (all low profile slots)	3 PCI-Express 2.0 x8 (1 in x16 slot) 1 PCI-Express x4 (in x8 slot) 2 PCI 33 (all low profile slots)	1 PCI-Express x8 1 PCI-Express x4 4 PCI-X 133/100 (all low profile slots)
Quad set of Intel® ICH10R for 6 SATA(3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port SAS with optional AOC-iButton68 (RAID 5); RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	5025B-4: Adaptec® 7901 U320 SCSI; optional AOC-LPZCR3 (RAID 5) Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Quad set of Dual LAN with Intel® 82574L Gigabit Ethernet controller Quad set of Matrox G200eW Graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW Graphics	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW Graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers ATI® ES1000 32MB PCI graphics
Quad set of IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	SIMLC socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
Quad set of 3 x 3.5" hot-swap SATA drive bays	6 x 3.5" hot-swap SAS drive bays	6 x 3.5" hot-swap SATA drive bays	5025B-4: 6 x 3.5" hot-swap SAS drive bays 5025B-T: 6 x 3.5" hot-swap SATA drive bays
N/A	N/A	N/A	optional 1 slim DVD-ROM drive 1 floppy drive
720W redundant Gold Level high-efficiency power supply with PMBus	400W high-efficiency power supply	400W high-efficiency power supply	400W high-efficiency power supply
4 x 8cm hot-swap cooling fans with air shroud & optimal fan speed control	4 x 8cm hot-swap cooling fans	4 x 8cm hot-swap cooling fans	4 x 8cm hot-swap cooling fans
2U Rackmount 437 x 89 x 724mm (17.2" x 3.5" x 28.5")	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")	2U Rackmount 426 x 89 x 650mm (16.8" x 3.5" x 25.6")

SUPER
SERVER
SOLUTION

6 Gb/s SAS



**100%
Cooling Redundancy**



**100%
Cooling Redundancy**



	SuperServer 6036T-6RF	SuperServer 6035B-8R+V SuperServer 6035B-8R+B	SuperServer 6035B-8(B) SuperServer 6035B-8R(B)
PROCESSOR SUPPORT	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
KEY APPLICATIONS	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
OUTSTANDING FEATURES	Eight 3.5" SAS2 drive bays 96GB DDR3 SDRAM 7 full-size PCI-X & PCI-Express IPMI 2.0 + KVM w/ dedicated LAN 800W redundant high-efficiency power supply	Storage optimized 3U rackmount form factor 100% cooling redundancy 16 2-CH (8+8) SCA drive bays w/SAF-TE 6 full-size PCI-X & PCI-Express 64GB FBD memory Optional IPMI 2.0 + KVM with dedicated LAN 800W redundant high-efficiency power supply	100% cooling redundancy 8 2-CH (4+4) SCA drive bays w/SAF-TE 6 full-size PCI-X & PCI-Express 32GB FBD memory Optional IPMI 2.0 + KVM with dedicated LAN Triple redundant 760W +380W power supply
SERVERBOARD/CHIPSET	SUPER● X8DT6-F Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X7DB8+ Intel® 5000P chipset with 1.33GHz FSB	SUPER● X7DB8 Intel® 5000P chipset with 1.33GHz FSB
SYSTEM MEMORY (Max.)	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	64GB Fully-buffered DIMM (FBD) DDR2 667/533 in 16 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets
EXPANSION SLOTS	3 PCI-Express 2.0 x8 1 PCI-Express 2.0 x4 1 PCI-Express x4	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 1 PCI-X 100	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 1 PCI-X 100
ONBOARD STORAGE CONTROLLER	LSI® 2008 8-port 6Gb/s SAS; RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Adaptec® 7902W 2-CH U320 with optional AOC-LPZCR1 (RAID 5) (for 6035B-8R+) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Adaptec® 7902W 2-CH U320 with optional AOC-LPZCR1 (RAID 5) (for 6035B-8R) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics
MANAGEMENT	IPMI 2.0 + KVM with dedicated LAN, SuperDoctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	8 x 3.5" hot-swap SAS/SATA drive bays & 2 x 5.25" drive bays	16 x 3.5" hot-swap SCSI drive bays	8 x 3.5" dual-channel (4+4) hot-swap SCSI drive bays & 2 x 5.25" drive bays
PERIPHERAL BAYS	1 slim DVD-ROM	1 slim DVD-ROM drive	1 slim DVD-ROM drive 1 floppy drive
POWER SUPPLY	800W redundant high-efficiency power supply	800W redundant high-efficiency power supply with I°C built-in	760W triple redundant power supply with I°C built-in (for 6035B-8R) 550W power supply (for 6035B-8)
COOLING SYSTEM	5 x 8cm hot-swap cooling fans with adjustable air-shroud & optimal fan speed control	5 x 8cm hot-swap cooling fans with air shroud, optimal fan speed control & 100% cooling redundancy	4 x 9cm and 2 x 8cm hot-swap cooling fans with air shroud, optimal fan speed control & 100% cooling redundancy
FORM FACTOR	3U Rackmount 437 x 132 x 648mm (17.2" x 5.2" x 25.5")	3U Rackmount 437 x 132 x 648mm (17.2" x 5.2" x 25.5")	2U Rackmount 450 x 132 x 647mm (17.7" x 5.2" x 25.5")

**Whisper-Quiet
25dB**



**Whisper-Quiet
25dB**



**SOHO Solution
Whisper-Quiet 25dB
Cost Effective**



SuperServer 5036i-iF	SuperServer 5036i-i	SuperServer 5035L-iB	SuperServer 7046T-3R
Intel® Xeon® processor 3400 series	Intel® Xeon® processor 3400 series	Intel® Core 2 Duo, Pentium D/4 and Celeron processor	Dual Quad-Core Intel® Xeon® processor 5500 series
SOHO server, entry-level workstation, gaming, multimedia appliance	SOHO server, entry-level workstation, gaming, multimedia appliance	SOHO server, entry-level workstation, gaming, multimedia appliance	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
Small Office/Home Office (SOHO) optimized Mini-tower formfactor Tool-less chassis design 300W high-efficiency power supply Whisper quiet operation at 25dB Extremely cost effective IPMI 2.0 with dedicated LAN	Small Office/Home Office (SOHO) optimized Mini-tower formfactor Tool-less chassis design 300W high-efficiency power supply Whisper quiet operation at 25dB Extremely cost effective IPMI 2.0 with dedicated LAN	Small Office/Home Office (SOHO) optimized Mini-tower formfactor Tool-less chassis design 300W high-efficiency power supply Whisper quiet operation at 25dB Extremely cost effective	Eight 3.5" SAS/SATA drives Six PCI-E/X expansions Redundant high efficiency power supply Tower/4U rackmount formfactor
SUPER● X8SIL-F Intel® 3420 chipset	SUPER● X8SIL Intel® 3400 chipse	SUPER● X7SLM-L Intel® 945GC chipset with 800MHz FSB	SUPER● X8DT3 Intel® 5520 chipset with QPI up to 6.4GT/s
16GB UDIMM or 32GB RDIMM ECC DDR3 1333/1066/800 SDRAM in 4 DIMM sockets	16GB UDIMM or 32GB RDIMM ECC DDR3 1333/1066/800 SDRAM in 4 DIMM sockets	2GB Unb. non-ECC DDR2 667/533/400 SDRAM in 2 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
2 PCI-Express 2.0 x8 1 PCI-Express 2.0 x4 (in x8 slot) 1 PCI 33	2 PCI-Express 2.0 x8 1 PCI-Express 2.0 x4 (in x8 slot) 1 PCI 33	1 PCI-Express x16 1 PCI-Express x4 (in x8 slot) 2 PCI 33	3 PCI-Express 2.0 x8 (1 in x16 slot) 1 PCI-Express x4 2 PCI 33
6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	4 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH7R for 4 SATA (3Gbps) RAID 0, 1, 5, 10 (Window) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Intel® 82574L Gigabit Ethernet controllers Martox G200eW Graphics	Intel® 82574L Gigabit Ethernet controllers Martox G200eW Graphics	Dual LAN Realtek RTL8111C Gigabit Ethernet controller Intel GMA950 graphics	Dual LAN with Intel® 82576 Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics
IPMI 2.0 with dedicated LAN, SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog
4 x 3.5" fixed SATA drive bays 90-degree rotating hard drive cage 2 x 5.25 drive bays	4 x 3.5" fixed SATA drive bays 90-degree rotating hard drive cage 2 x 5.25 drive bays	4 x 3.5" fixed SATA drive bays 90-degree rotating hard drive cage 2 x 5.25 drive bays	8 x 3.5" hot-swap SAS/SATA drive bays
N/A	N/A	N/A	N/A
300W low-noise high-efficiency power supply	300W low-noise high-efficiency power supply	300W low-noise high-efficiency power supply	800W redundant high-efficiency power supply with iFC built-in
1 x rear 9.2cm PWM fan w/tooless design; 1 optional front 8cm cooling fan	1 x rear 9.2cm PWM fan w/tooless design; 1 optional front 8cm cooling fan	1 x rear 9.2cm PWM fan w/tooless design; 1 optional front 8cm cooling fan	5 x 8cm hot-swap cooling fans with optimal fan speed control
Mini Tower 362 x 184 x 425mm (14.25" x 7.25" x 16.75")	Mini Tower 362 x 184 x 425mm (14.25" x 7.25" x 16.75")	Mini Tower 362 x 184 x 425mm (14.25" x 7.25" x 16.75")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")

SUPER
SERVER
SOLUTION

GPU Optimized
11 PCI-E expansion slots



4 GPU cards included



6 Gb/s SAS
7 PCI-E x16 slots



	SuperServer 7046GT-TRF	SuperServer 7046GT-TRF-TC4	SuperServer 7046T-H6RF
PROCESSOR SUPPORT	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
KEY APPLICATIONS	Ultra-high performance workstation, medical imaging, oil and gas simulation, quantum chemistry, financial simulation, astrophysics	Ultra-high performance workstation, medical imaging, oil and gas simulation, quantum chemistry, financial simulation, astrophysics	High-end workstation, business critical applications, front-end server, database applications, video server
OUTSTANDING FEATURES	GPU optimized 4U/tower solution Up to 11 PCI-E expansion slots 4 double width PCI-E x16 slots IPMI 2.0 + KVM w/ dedicated LAN 1400W redundant Gold Level power supply	GPU optimized 4U/tower solution Up to 11 PCI-E expansion slots Up to 4 TeraFLOPS of performance per system 4 GPU installed per system IPMI 2.0 + KVM w/ dedicated LAN 1400W redundant Gold Level power supply	High performance workstation 7 PCI-E 2.0 x16 slots Dual IOH for GPU Exceptional I/O bandwidth Eight hot-swap SAS2 drive bays IPMI 2.0 + KVM w/ dedicated LAN 800W redundant high-efficiency power supply
SERVERBOARD/CHIPSET	SUPER● X8DTG-QF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTG-QF Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X8DTH-6F Dual Intel® 5520 chipset with QPI up to 6.4GT/s
SYSTEM MEMORY (Max.)	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
EXPANSION SLOTS	4 PCI-Express 2.0 x16 2 PCI-Express 2.0 x4 1 PCI-Express x4 (in x16 slot) 2 PCI 33	4 GPU cards are installed in 4 PCI-E 2.0 x16 slots 2 PCI-Express 2.0 x4 1 PCI-Express x4 (in x16 slot) 2 PCI 33	7 PCI-Express 2.0 x8 (all in x16 slot)
ONBOARD STORAGE CONTROLLER	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 2008 8-port 6 Gb/s SAS; RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics 7.1 Channel HD audio	Dual LAN with Intel® 82574L Gigabit Ethernet controller Matrox G200eW graphics 7.1 Channel HD audio	Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW graphics
MANAGEMENT	IPMI 2.0 + KVM with dedicated LAN, Super-Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, Super-Doctor® III, Watch Dog	IPMI 2.0 + KVM with dedicated LAN, Super-Doctor® III, Watch Dog
DRIVE BAYS	8 x 3.5" hot-swap SATA drive bays	8 x 3.5" hot-swap SATA drive bays	8 x 3.5" hot-swap SAS/SATA drive bays
PERIPHERAL BAYS	N/A	N/A	N/A
POWER SUPPLY	1400W redundant Gold Level high-efficiency power supply with PMBus 4 sets of 6-pin 12V for high-end graphics cards	1400W redundant Gold Level high-efficiency power supply with PMBus	800W redundant high-efficiency power supply with iC built-in
COOLING SYSTEM	4 x 9.2cm hot-swap cooling fans with air shroud, optimal fan speed control 2 x 8cm hot-swap exhaust PWM fans	4 x 9.2cm hot-swap cooling fans with air shroud, optimal fan speed control 2 x 8cm hot-swap exhaust PWM fans	3 x 8cm hot-swap PWM cooling fans with optimal fan speed control & 2 x 8cm hot-swap PWM rear cooling fans
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")



SuperServer 7046T-NTR+	SuperServer 7045W-NTR+ SuperServer 7045W-NTR+B	SuperServer 7045B-8R+(B) SuperServer 7045B-TR+(B)	SuperServer 7045B-3(B) SuperServer 7045B-T(B)
Intel® Xeon® processor 5500 series	Dual Quad-Core Intel® Xeon® processor 5400/5300LV/5200/5100LV series	Dual Quad-Core Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® processor 5400/5300/5200/5100 series
HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications	HPC cluster computer nodes, datacenter, data farm, front-end server and other computing intensive applications
Outstanding memory performance Up to 144GB ECC DDR3 support Six PCI-E/X expansions Optional IPMI 2.0 + KVM with dedicated LAN Universal I/O (UIO) slot Redundant high efficiency power supply Tower/4U rackmount formfactor	Outstanding memory performance Up to 128GB ECC FBD DDR2 support Six PCI-E/X expansions Optional IPMI 2.0 + KVM with dedicated LAN Universal I/O (UIO) slot Redundant high efficiency power supply Tower/4U rackmount formfactor	Eight 3.5" SCSI/SATA drives Six PCI-E/X expansions Optional IPMI 2.0 + KVM with dedicated LAN Redundant high efficiency power supply Tower/4U rackmount formfactor	Eight 3.5" SAS/SATA drives Six PCI-E/X expansions Optional IPMI 2.0 + KVM with dedicated LAN Zero channel RAID available Tower/4U rackmount formfactor
SUPER● X8DTN+ Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER● X7DWN+ Intel® 5400 chipset with 1.6GHz FSB	7045B-8R+: SUPER● X7DB8+ 7045B-TR+: SUPER● X7DBE+ Intel® 5000P chipset with 1.33GHz FSB	7045B-3: SUPER● X7DB3 7045B-T: SUPER● X7DBE Intel® 5000P chipset with 1.33GHz FSB
144GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 18 DIMM sockets	128GB Fully-buffered DIMM (FBD) DDR2 800/667 in 16 DIMM sockets 1.5V & 1.8V FB-DIMM supported	64GB Fully-buffered DIMM (FBD) DDR2 667/533 in 16 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets
2 PCI-Express 2.0 x8 (1 in x16 slot) 1 PCI-Express x4 (in x8 slot) 3 PCI-X 133/100 1 Universal I/O (UIO) slot	2 PCI-Express x8 2.0 1 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 1 Universal I/O (UIO) slot	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 1 PCI-X 100	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 1 PCI-X 100
Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux) Optional UIO SAS controller cards	Adaptec® 7902W 2 channel Ultra320 SCSI with optional AOC-LPZCR3 (RAID 5) (for 7045B-8R+) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Adaptec® 9410W 8-port SAS controller with optional AOC-LPZCR3 (RAID 5) (for 7045B-3) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82576 Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics
SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO+ socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMLP socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMLP socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
8 x 3.5" hot-swap SATA drive bays	8 x 3.5" hot-swap SAS/SATA drive bays 2 x 3.5" internal drive bays	8 x 3.5" hot-swap SCSI drive bays (for 7045B-8R+) 8 x 3.5" hot-swap SATA drive bays (for 7045B-TR+)	8 x 3.5" hot-swap SAS/SATA drive bays (for 7045B-3) 8 x 3.5" hot-swap SATA drive bays (for 7045B-T)
N/A	1 floppy drive	1 floppy drive	1 floppy drive
800W redundant high-efficiency power supply with iFC built-in	800W redundant high-efficiency power supply with iFC built-in	800W redundant high-efficiency power supply with iFC built-in	650W power supply
5 x 8cm hot-swap cooling fans with optimal fan speed control	5 x 8cm hot-swap cooling fans with air shroud, optimal fan speed control & 100% cooling redundancy	5 x 8cm hot-swap cooling fans with air shroud, optimal fan speed control & 100% cooling redundancy	6 x 8cm hot-swap cooling fans with optimal fan speed control
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")

SUPER
SERVER
SOLUTION

18 DIMMs
Up to 3 GPU



6 Gb/s SAS
Whisper-Quiet 28dB



Whisper-Quiet 28dB



	SuperWorkstation 7046A-HR+	SuperWorkstation 7046A-6	SuperWorkstation 7046A-3 SuperWorkstation 7046A-T
PROCESSOR SUPPORT	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series	Intel® Xeon® processor 5500 series
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	High-end workstation, business critical applications, front-end server, database applications, video server
OUTSTANDING FEATURES	High performance workstation 18 DIMM sockets Dual IOH for GPU Exceptional I/O bandwidth Huge memory capacity up to 144GB DDR3 Eight hot-swap drive bays 2 Firewire 1394a headers IPMI 2.0 + KVM w/dedicated LAN 1400W redundant Gold Level power supply	High performance workstation Eight hot-swap drive bays 90-degree rotatable peripheral bays 865W low-noise high efficiency power supply 2 IEEE 1394a headers 7.1 HD audio	High performance whisper-quiet workstation Eight hot-swap drive bays 2 PCI-E x16 slots Optional IPMI 2.0 + KVM w/ dedicated LAN 865W low-noise high efficiency power supply 2 IEEE 1394a headers 7.1 HD audio
SERVERBOARD/CHIPSET	SUPER® X8DAH+ Dual Intel® 5520 chipset with QPI up to 6.4GT/s	SUPER® X8DA6 Intel® 5520 chipset with QPI up to 6.4GT/s	7046A-3: SUPER® X8DA3 7046A-T: SUPER® X8DAi Intel® 5520 chipset with QPI up to 6.4GT/s
SYSTEM MEMORY (Max.)	144GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 18 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets	96GB ECC Reg. or 24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 12 DIMM sockets
EXPANSION SLOTS	2 PCI-Express 2.0 x16 1 PCI-Express 2.0 x8 (in x16 slot) 3 PCI-Express x8 1 PCI-Express x4	1 PCI-Express 2.0 x8 (in x16 slot) 2 PCI-Express 2.0 x4 (in x8 slot) 1 PCI-Express x4 (in x8 slot) 3 PCI-X 133/100MHz	2 PCI-Express 2.0 x16 1 PCI-Express x4 (in x8 slot) 3 PCI
ONBOARD STORAGE CONTROLLER	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 2008 8-port 8 Gb/s SAS; RAID 0, 1, 10 Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	7046A-3: LSI® 1068E 8-port 8 SAS Optional AOC-iButton68 (RAID 5) 7046A-3/T: Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82576 Gigabit Ethernet controller Matrox G200eW graphics 7.1 channel HD audio	Intel® 82574L Gigabit Ethernet controllers 2 IEEE 1394a headers 7.1 HD audio	Intel® 82573V + 82573L Gigabit Ethernet controllers 2 IEEE 1394a headers 7.1 HD audio
MANAGEMENT	SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	6 x 3.5" hot-swap SATA drive bays, 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays	8 x 3.5" hot-swap SAS/SATA drive bays 2 x 5.25" drive bays & 1 x 3.5" floppy drive bay	7046A-3: 8 x 3.5" hot-swap SAS/SATA drive bays & 2 x 5.25" drive bays 7046A-T: 6 x 3.5" hot-swap SATA drive bays, 2 x 3.5" spare SATA drive bays & 2 x 5.25" drive bays
PERIPHERAL BAYS	N/A	N/A	N/A
POWER SUPPLY	1400W redundant Gold Level high-efficiency power supply with PMBus 6-pin power 12V for high-end graphics cards	865W low-noise high-efficiency power supply	865W low-noise high-efficiency power supply
COOLING SYSTEM	3 x 8cm hot-swap PWM cooling fans with optimal fan speed control & 2 x 8cm hot-swap PWM rear cooling fans	2 x 8cm super quiet PWM fans and 1 x 9cm super quiet exhaust fans with optimal fan speed control	2 x 8cm super quiet PWM fans and 1 x 9cm super quiet exhaust fans with optimal fan speed control
FORM FACTOR	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 452 x 178 x 648mm (17.8" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")

**Whisper-Quiet
25dB**



**Whisper-Quiet
27dB**



**SLI Technonology
Whisper-Quiet
28dB**



**Whisper-Quiet
28dB**



SuperWorkstation 7036A-T	SuperWorkstation 5036T-TB	SuperWorkstation 5046A-XB	SuperWorkstation 5035B-TB
Intel® Xeon® processor 5500 series	Intel® Core™ i7 & Xeon® processor 3500/5500 series	Intel® Core™ i7 & Xeon® processor 3500/5000 series	Intel® Core 2 & Xeon® processor 3000 series
Small business, high-end workstation, 2D/3D and CAD applications, gaming	Small business, high-end workstation, 2D/3D and CAD applications, gaming	Small business, high-end workstation, 2D/3D and CAD applications, gaming	Small business, high-end workstation, 2D/3D and CAD applications, gaming
High performance workstation Four hot-swap drive bays Front side USB access 665W low-noise high-efficiency power supply Whisper quiet operation at 25dB	High performance workstation Four hot-swap drive bays Up to 12 USB connections 1 Rear IEEE 1394a headers 465W low-noise high-efficiency power supply Whisper quiet operation at 27dB	High performance workstation Eight hot-swap drive bays Up to 12 USB connections 1 S/PDIF digital audio output 865W low-noise high-efficiency power supply Whisper quiet operation	High performance workstation Four hot-swap drive bays Up to 12 USB connections Rear Firewire 1394a headers 465W low-noise high-efficiency power supply Whisper quiet operation at 28dB Cost effective UP platform
SUPER● X8DAL-i Intel® 5500 chipset with QPI up to 6.4GT/s	SUPER● X8SAX Intel® X58 chipset with QPI up to 6.4GT/s	SUPER● C7X58 Intel® X58 Express chipset with QPI up to 6.4GT/s	SUPER● C2SBX Intel® X38 chipset with 1.33GHz FSB
24GB ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	24GB Unb. ECC/non-ECC DDR3 1333/1066/800 SDRAM in 6 DIMM sockets	8GB Unb. ECC DDR3 1333/1066/800SDRAM in 4 DIMM sockets
1 PCI-Express 2.0 x16 1 PCI-Express 2.0 x4 (in x16 slot) 1 PCI-Express x4 2 PCI 33	2 PCI-Express 2.0 x16 1 PCI-Express x4 (in x8 slot) 2 PCI-X 133/100 1 PCI 33	2 PCI-Express 2.0 x16 1 PCI-Express x4 (in x8 slot) 1 PCI 33	2 PCI-Express 2.0 x16 1 PCI-Express x1 2 PCI-X 133/100 2 PCI 33
Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH10R for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82574L Gigabit Ethernet controller 7.1 channel HD audio	Dual LAN with Intel® 82574L Gigabit Ethernet controller 7.1 channel HD audio Supports nVidia® SLI™ and ATI® CrossFire™ Technology	Dual LAN with Intel® 82574L Gigabit Ethernet controller 7.1 channel HD audio Up to 12USB connections 2 rear Firewire 1394a header Support nVidia® SLI™ and ATI® CrossFire™ Technology	Intel® 82566 Gigabit Ethernet controller Dual IEEE 1394a headers 7.1 channel HD audio
SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
4 x 3.5" hot-swap SATA drive bays 2 x 5.25" drive bays 1 x 3.5" floppy drive	4 x 3.5" hot-swap SATA drive bays 2 x 5.25" drive bays 1 x 3.5" floppy drive bay	6 x 3.5" hot-swap SATA drive bays & 2 x 3.5" spare SATA drives bays 2 x 5.25" drive bays 1 x 3.5" floppy drive bay	4 x 3.5" hot-swap SATA drive bays 2 x 5.25" drive bays 1 x 3.5" floppy drive
N/A	N/A	N/A	N/A
665W low-noise high-efficiency power supply 6-pin 12V for high-end graphics card	465W low-noise high-efficiency power supply with iFC built-in 6-pin 12V for high end graphics card	865W low-noise high-efficiency power supply	465W low-noise high-efficiency power supply with iFC built-in 6-pin 12V for high end graphics card
1 x 9cm cooling fan 1 x 12cm exhaust fan	1 x 9.2cm cooling thermal fan Optional 12cm exhaust fan	2 x 8cm super quiet PWM fans and 1 x 9cm super quiet exhaust fans with optimal fan speed control	1 x 9.2cm cooling thermal fan & optional 1 x 12cm exhaust fan
Mid Tower 427 x 178 x 530mm (16.8" x 7" x 20.9")	Mid Tower 427 x 178 x 530mm (16.8" x 7" x 20.9")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	Mid Tower 427 x 178 x 530mm (16.8" x 7" x 20.9")

SUPER
SERVER
SOLUTION



	SuperWorkstation 7045A-WT SuperWorkstation 7045A-WTB	SuperWorkstation 7045A-C3B SuperWorkstation 7045A-CTB	SuperWorkstation 7045A-3 SuperWorkstation 7045A-3B
PROCESSOR SUPPORT	Intel® Xeon® processor 5400/5300LV/5200/5100LV series	Intel® Xeon® processor 5400/5300LV/5200/5100LV series	Intel® Xeon® processor 5400/5300/5200/5100 series
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	High-end workstation, business critical applications, front-end server, database applications, video server
OUTSTANDING FEATURES	High performance workstation Eight hot-swap drive bays Universal I/O (UIO) support Optional IPMI 2.0 + KVM w/ dedicated LAN 865W low-noise high efficiency power supply	High performance workstation Eight hot-swap drive bays Power efficient San Clemente chipset Optional IPMI 2.0 + KVM w/ dedicated LAN 865W low-noise high efficiency power supply Whisper quiet operation at 28dB	High performance workstation Eight hot-swap SAS drive bays Optional IPMI 2.0 + KVM w/ dedicated LAN 645W low-noise power supply
SERVERBOARD/CHIPSET	SUPER●® X7DWA-N Intel® 5400 chipset with 1.6GHz FSB	SUPER●® X7DCA-3 (for 7045A-C3) SUPER●® X7DCA-i (for 7045A-CT) Intel® 5100 chipset with 1.33GHz FSB	SUPER●® X7DA3 Intel® 5000X chipset with 1.33GHz FSB
SYSTEM MEMORY (Max.)	64GB Fully-buffered DIMM (FBD) DDR2 800/667 in 8 DIMM sockets 1.5V & 1.8V FB-DIMM supported	48GB ECC Reg. DDR2 667/533 in 6 DIMM sockets	32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets
EXPANSION SLOTS	2 PCI-Express 2.0 x16 2 PCI-X 133 2 PCI 33 Universal I/O (UIO) slot	1 PCI-Express x16 1 PCI-Express x4 (using x16 slot) 1 PCI-X 133/100 2 PCI 33	1 PCI-Express x16 1 PCI-Express x4 (in x16 slot) 2 PCI-X 133 1 PCI-X 100 1 PCI 33
ONBOARD STORAGE CONTROLLER	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) (for 7045A-C3) Intel® ICH9R for 6 SATA (3Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Adaptec® 9410W 8-port SAS controller with optional AOC-LPZCR3 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
CONNECTIVITY/VGA/AUDIO	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Intel® 82573V + 82573L Gigabit Ethernet controllers 7.1 channel HD audio	Dual LAN with Intel® 82563EB Gigabit Ethernet controller 6 channel AC'97 audio
MANAGEMENT	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SuperDoctor® III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
DRIVE BAYS	8 x 3.5" hot-swap SATA drive bays 2 x 5.25" drive bays 1 x 3.5" floppy drive	8 x 3.5" hot-swap SAS drive bays (for 7046A-C3) 8 x 3.5" hot-swap SATA drive bays (for 7046A-CT) 2 x 5.25" drive bays & 1 x 3.5" floppy drive	8 x 3.5" hot-swap SAS/SATA drive bays
PERIPHERAL BAYS	1 floppy drive	1 floppy drive	1 floppy drive
POWER SUPPLY	865W low-noise high-efficiency power supply	865W low-noise high-efficiency power supply	645W low-noise power supply
COOLING SYSTEM	2 x 8cm super quiet PWM fans and 1 x 9cm super quiet exhaust fans with optimal fan speed control	2 x 8cm super quiet PWM fans and 1 x 9cm super quiet exhaust fans with optimal fan speed control	4 x 8cm and 1 x 9cm hot-swap cooling fans with air shroud, optimal fan speed control
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")



SuperWorkstation 7045A-8/8B SuperWorkstation 7045A-T/TB	SuperServer 8015C-TB	SuperServer 8025C-3RB	SuperServer 8045C-3RB
Intel® Xeon® processor 5400/5300/5200/5100 series	Intel® Xeon® MP processor 7400/7300/7200 series	Intel® Xeon® MP processor 7400/7300/7200 series	Intel® Xeon® MP processor 7400/7300/7200 series
High-end workstation, business critical applications, front-end server, database applications, video server	Enterprise mission-critical applications, HPC cluster computer nodes, datacenter, data farm	Enterprise mission-critical applications, HPC cluster computer nodes, datacenter, data farm	Enterprise mission-critical applications, HPC cluster computer nodes, datacenter, data farm
High performance workstation Eight hot-swap drive bays Optional IPMI 2.0 + KVM w/dedicated LAN 645W low-noise power supply	Industry's best 1U 4-way architecture 16 processing cores in 1U Up to 192GB FBD memory 3 hot-swap SAS/SATA drive bays Optional IPMI 2.0 + KVM w/dedicated LAN 1000W high efficiency power	Industry's best 4-way architecture Up to 192GB FBD memory 6 hot-swap SAS/SATA drive bays Optional IPMI 2.0 + KVM w/ dedicated LAN 1200W redundant high efficiency power	Industry's best 4-way architecture Full size PCI-X/E expansion slots 5 hot-swap SAS/SATA drive bays Optional IPMI 2.0 + KVM w/ dedicated LAN 1200W redundant high efficiency power Tower/4U rackmount formfactor
SUPER● X7DA8 (7045A-8/8B) SUPER● X7DAE (7045A-T/TB) Intel® 5000X chipset with 1.33GHz FSB	SUPER● X7QCE Intel® 7300 chipset with 1.06GHz FSB	SUPER● X7QC3 Intel® 7300 chipset with 1.06GHz FSB	SUPER● X7QC3 Intel® 7300 chipset with 1.06GHz FSB
32GB Fully-buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets	192GB Fully-buffered DIMM (FBD) DDR2 667/533 in 24 DIMM sockets	192GB Fully-buffered DIMM (FBD) DDR2 667/533 in 24 DIMM sockets	192GB Fully-buffered DIMM (FBD) DDR2 667/533 in 24 DIMM sockets
1 PCI-Express x16 1 PCI-Express x4 (in x16 slot) 2 PCI-X 133 1 PCI-X 100 1 PCI 33	1 PCI-Express x8 (in x16 slot)	1 PCI-Express x8 (in x16 slot) 1 PCI-Express x8 1 PCI-Express x4 (in x8 slot) 1 PCI-X 133 (all low profile slots)	1 PCI-Express x8 (in x16 slot) 1 PCI-Express x8 1 PCI-Express x4 (in x8 slot) 1 PCI-X 133
7045A-8/8B: Adaptec® 7902W 2-channel U320 with optional AOC-LPZCR1 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)	LSI® 1068E 8-port SAS controller with optional AOC-iButton68 (RAID 5) Intel® ESB2 for 6 SATA (3 Gbps) RAID 0, 1, 5, 10 (Windows) RAID 0, 1, 10 (Linux)
Dual LAN with Intel® 82563EB Gigabit Ethernet controller 6 channel AC'97 audio	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics	Dual LAN with Intel® 82575EB Gigabit Ethernet controller ATI® ES1000 32MB PCI graphics
SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog	SIMSO slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN), SuperDoctor® III, Watch Dog
8 x 3.5" hot-swap drive bays	3 x 3.5" hot-swap SATA drive bays	6 x 3.5" hot-swap SAS/SATA drive bays	5 x 3.5" hot-swap SAS/SATA drive bays
1 floppy drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 floppy drive
645W low-noise power supply	1000W high-efficiency power supply with iC built-in	1200W redundant high-efficiency power supply with iC built-in	1200W redundant high-efficiency power supply with iC built-in
4 x 8cm and 1 x 9cm hot-swap cooling fans with air shroud, optimal fan speed control	6 x 4cm heavy-duty counter rotating cooling fans with air shroud, optimal fan speed control	6 x 8cm hot-swap cooling fans with air shroud, optimal fan speed control	6 x 8cm hot-swap cooling fans with air shroud, optimal fan speed control
4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	1U Rackmount 437 x 43 x 705mm (17.2" x 1.7" x 27.75")	2U Rackmount 437 x 89 x 705mm (17.2" x 3.5" x 27.75")	4U Rackmount/Tower 452 x 178 x 746mm (17.8" x 7" x 29.4")

We Keep IT Green[™]



UIO (Universal I/O)
3 Add-on Cards w/ SAS 2.0



SuperBlade[®] Family
DatacenterBlade[™]
TwinBlade[™]



Twin Family
4 DP Nodes in 2U
6 HDDs per Node

Headquarters:

Super Micro Computer, Inc.
980 Rock Ave.
San Jose, CA 95131, USA
Tel: +1-408-503-8000
Fax: +1-408-503-8008
E-mail: Marketing@Supermicro.com

European Branch:

Super Micro Computer, B.V.
Het Sterrenbeeld 28, 5215 ML,
's-Hertogenbosch, The Netherlands
Tel: +31-73-640-0390
Fax: +31-73-641-6525
E-mail: Sales@Supermicro.nl

Asian Branch:

Super Micro Computer, Inc.
4F, No 232-1, Liancheng Rd., Chung-Ho
235, Taipei County, Taiwan ROC
Tel: +886-2-8226-3990
Fax: +886-2-8226-3991
E-mail: Support@Supermicro.com.tw