

SUPERMICR[®]

Mission Critical Server Solutions

• Multiple-Core • 64GB FBD Memory • High Efficiency Power



SuperServer 6015X-8
Dual-core Xeon 5000/5100 series
4 PCI-X/E slots!



SuperServer 6025B-3
Dual-core Xeon 5000/5100 series
8 SAS HD w/SES2!



SuperServer 7045B-8R+
Dual-core 5000/5100 series
64GB FB-DIMM memory
100% cooling redundancy
800W High-Efficiency redundant power

1U High-Availability & High-Performance Dual-Core Xeon 5000/5100 Server

Up to **64GB** of Fully-Buffered DIMM 667/533

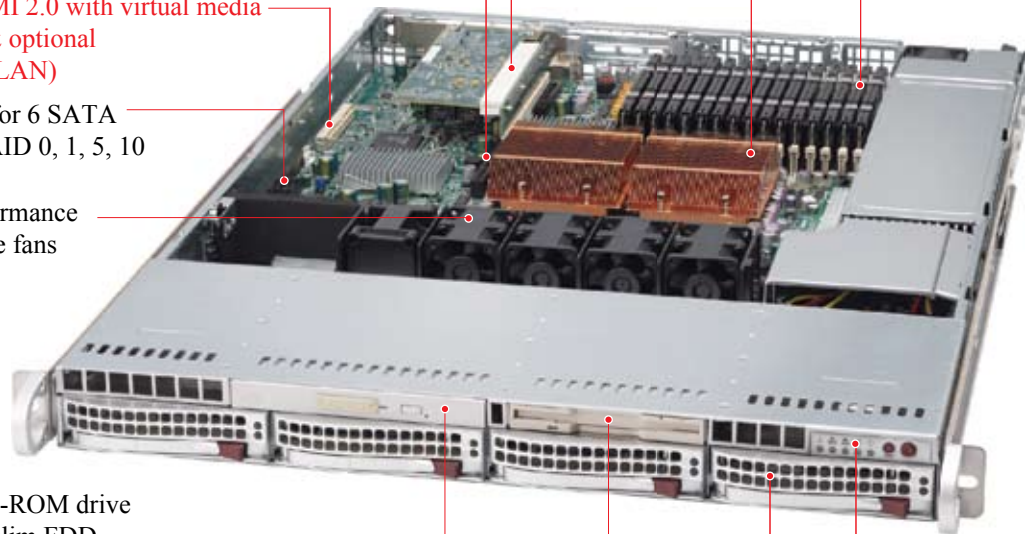
Dual-core Xeon 5000/5100 processor (Dempsey/Woodcrest) series support

1 Universal PCI-X 133MHz or PCI-Express x8

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

Intel ESB2 for 6 SATA (3Gbps); RAID 0, 1, 5, 10

4 high-performance double-blade fans



1 slim DVD-ROM drive & optional slim FDD

4 x 3.5" hot-swap SCA drive bays with SAF-TE compliance

Power switch, reset button & 5 LED indicators



700W High-Efficiency power supply w/ I^2C

Keyboard, mouse, COM1, VGA ports

Option for dedicated LAN slot

Standard PCI slot

Dual LAN, VGA & Ext. SCSI ports

SuperServer 6015B-8+

Designed for optimal performance, the SuperServer 6015B-8+ supports the maximum frequency dual-core Xeon 5000/5100 sequence processors in a high-density 1U form-factor. It provides a best-in-class architecture that supports up to 16 FB-DIMM modules, delivering up to 64GB of system memory. Support for up to four hot-swappable SCSI drives dual gigabit Ethernet, and one PCI-X or PCI-E expansion card, make this an ideal solution for network infrastructure, front-end enterprise, and minimal-downtime cluster server systems. The high-efficiency 700W power supply lowers total cost of ownership with its earth-friendly, energy-efficient design. With sophisticated management features, Supermicro Intelligent Management (SIM) and SuperO Doctor III are included as a simple to configure and easy to deploy option that provides maximum data availability with continual performance monitoring.

2U High-Availability SAS w/ SES2 Dual-Core Xeon 5000/5100 Server

Dual-core Xeon 5000/5100 processor (Dempsey/Woodcrest) series support

Up to 32GB of Fully-Buffered DIMM 667/533

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

2 PCI-X 133MHz, 1 PCI-X 100MHz
2 PCI-E x8 & 1 PCI-E x4

Adaptec 9410 controller for
8 SAS/SATA; RAID 0, 1, 10

AOC-LPZCR2
(Zero-channel RAID)
card support

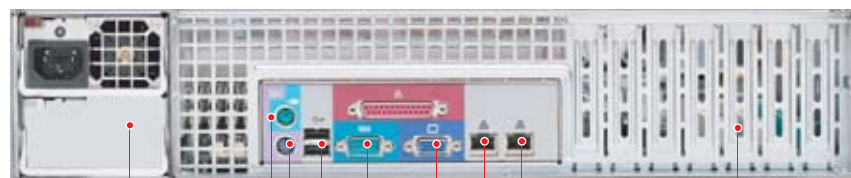
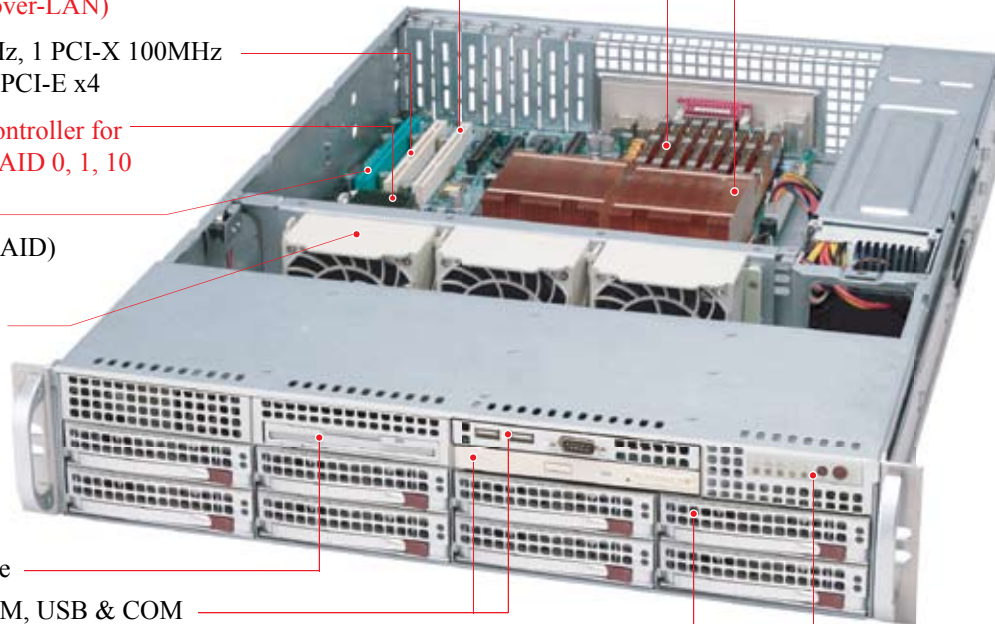
3 hot-swap fans

1 slim FDD drive

1 slim DVD-ROM, USB & COM

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

Power switch, reset button & 6 LED indicators



560W **High-Efficiency** power supply

Keyboard, mouse, USB, COM1 & VGA ports

7 low-profile expansion slots

Dual LAN ports

SuperServer 6025B-3

The new SuperServer 6025B-3 supports dual-core Xeon 5000/5100 series processors and Serial Attached SCSI (SAS) storage technology with optional RAID 5 via ZCR which are backward compatible with industry-proven parallel SCSI software and middleware designed to protect existing SCSI investments and lower transition risks. This new 2U system improves upon the winning formula of previous 2U SuperServers and optimizes every aspect of interior space between the serverboard and the chassis without compromising superior cooling. This system also features a larger and more flexible interior chassis space paired with additional hard drive bays allowing more system flexibility. Moreover, the Intelligent Management (IPMI 2.0) with Virtual Media and KVM-over-LAN option plus a high-efficiency 560W power supply reduce the total cost of ownership (TCO).

4U High-Availability 16 FB-DIMM Dual-Core Xeon 5000/5100 Server

100% cooling redundancy

3 x 8cm hot-swap cooling fans &
2 x 8cm hot-swap exhaust fans &
air shroud

800W redundant
High-Efficiency
power supply w/I²C

Up to **64GB** of
Fully-Buffered
DIMM 667/533

2/1 PCI-X 133/100MHz
2 PCI-Express x8
1 PCI-Express x4

Tool-less PCI/PCI-X
expansion slots

AOC-LPZCR2 support

Adaptec dual-channel SCSI controller

ATI 16MB PCI graphics controller

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

8 x 3.5" dual-channel (4 +4) hot-swap SCA drive bays with SAF-TE

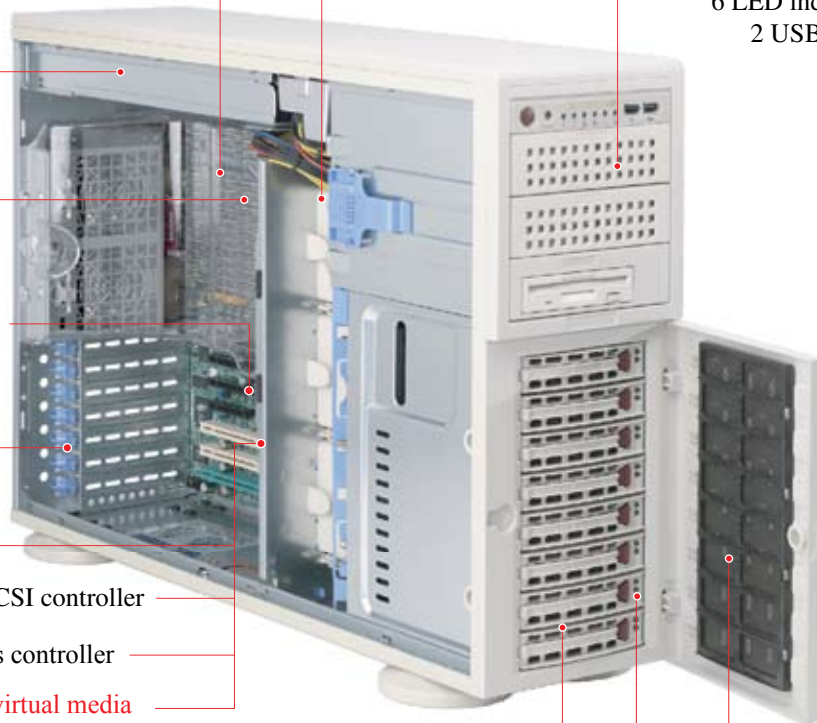
HDD activity LED & drive-failure LED

Washable air filter blocks dust particles

90° rotatable module

includes 2 USB 2.0 ports
3 x 5.25" drive bays &
floppy drive

6 LED indicators &
2 USB 2.0 ports



SuperServer 7045B-8R+

With performance, quality, availability, and versatility in mind; Supermicro offers a quintessential server system: SuperServer 7045B-8R+. Powered by the latest dual core Xeon 5000/5100 series processors with up to 64GB of FB-DIMM memory support, this combination offers versatility in either a tower or rack mount 4U form factor and supports up to eight enterprise-class SCSI drives, providing exceptional storage performance. Designed with 100% cooling redundancy via a combination of high-performance fans and a custom-designed air-shroud, the probability of downtime or performance reduction is greatly reduced. Moreover, remote management via IPMI 2.0 with virtual media, redundant 800W power supply, hot-plug fans, and hot-swappable drive bays, this system offers reliable performance, problem-free maintenance and peace of mind.

SUPERMICRO
Server
Solutions

**Dual-core Xeon 5000/5100
16 FB-DIMM**



**Dual-core Xeon 5000/5100
16 FB-DIMM**



**Dual-core Xeon 5000/5100
SAS w/SES2**



SuperServer 6015B-8+

SuperServer 6015B-T+

SuperServer 6015B-3

PROCESSOR SUPPORT	Dual-Core Intel® Xeon™ Process: 5000/5100 series (LGA 771)	Dual-Core Intel® Xeon™ Process: 5000/5100 series (LGA 771)	Dual-Core Intel® Xeon™ Process: 5000/5100 series (LGA 771)
KEY APPLICATIONS	High-end enterprise server, SOI, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SOI, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SOI, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
OUTSTANDING FEATURES	4 SCA drive bays with SAF-TE Universal PCI-X PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 700W high-efficiency power	4 SATA drive bays with SGPIO Universal PCI-X PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 700W high-efficiency power	4 SAS/SATA drive bays with SES2 Universal PCI-X PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 560W high-efficiency power
CHIPSET/SERVERBOARD™	Intel® 5000B SUPER X7DR-8	Intel® 5000B SUPER X7DR-i	Intel® 5000B SUPER X7DR-i
SYSTEM MEMORY (Max.)	64 GB Fully-Buffered DIMM (FBD) 667/533 in 16 DIMM sockets	64 GB Fully-Buffered DIMM (FBD) 667/533 in 16 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) 667/533 in 8 DIMM sockets
EXPANSION SLOTS	1 Universal PCI-X 133 MHz (full-length)/PCI-Express x8 (full-length)	1 Universal PCI-X 133 MHz (full-length)/PCI-Express x8 (full-length)	1 Universal PCI-X 133 MHz (full-length)/PCI-Express x8 (full-length) 1 PCI-X 133 MHz (low-profile)
ONBOARD SCSI/SATA/IDE/SATA RAID	Adaptec® 7902W 2-channel Ultra320 SATA RAID Intel® ESB2 for 6 SATA (3 GB RAID 0, 1, 5, 10)	Intel® ESB2 for 6 SATA (3 GB RAID 0, 1, 5, 10)	Adaptec® 9410 for 4 Internal SAS/SATA ports and 1 external SATA port Intel® ESB2 for 6 SATA; RAID 0, 5, 10
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-SOZCR1	N/A	AOC-LPZCR2
ONBOARD LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI ES1000 16MB PCI graphics controller
MANAGEABILITY	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER Doctor III, Watchdog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER Doctor III, Watch D	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER Doctor III, Watch D
INTERNAL STORAGE (Max.)	1.2 TB	1.6 TB	588 GB
DRIVE BAYS	4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	4 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	4 x 3.5" hot-swap SAS/SATA drive bays with SES2
PERIPHERAL BAYS	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
POWER SUPPLY	700W high-efficiency cold-swap power supply w/ 1 C built-in	700W high-efficiency cold-swap power supply w/ 1 C built-in	560W high-efficiency
COOLING SYSTEM	4 x 4cm heavy-duty counter-rotating fans w/optimal fan spd control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan spd control & air shroud	4 x 4cm heavy-duty counter-rotating fans w/optimal fan spd control & air shroud
FORM FACTOR	1U Rackmount 432 x 43 x 650mm (17" x 1.7" x 25.6")	1U Rackmount 432 x 43 x 650mm (17" x 1.7" x 25.6")	1U Rackmount 432 x 43 x 650mm (17" x 1.7" x 25.6")

Dual-core Xeon 5000/5100

Dual-core Xeon 5000/5100

Dual-core Xeon 5000/5100

Dual-core Xeon 5000/5100



SuperServer 6015B-8	SuperServer 6015B-T	SuperServer 6015X-8	SuperServer 6015X-T
Dual-Core Intel Xeon Processor 5000/5100 series (LGA 771)	Dual-Core Intel Xeon Processor 5000/5100 series (LGA 771)	Dual-Core Intel Xeon Processor 5000/5100 series (LGA 771)	Dual-Core Intel Xeon Processor 5000/5100 series (LGA 771)
High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
4 SCA drive bays with SAF-TE Universal PCI-X PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 560W high-efficiency power supply	4 SATA drive bays with SGPIO Universal PCI-X PCI-Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 560W high-efficiency power supply	3 SCA drive bays with SAF-TE Universal PCI-X PCI-Express Up to 4 PCI cards in 1U 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Front Access 700W high-efficiency power supply	3 SATA drive bays with enclosure mgmt Universal PCI-X PCI-Express Up to 4 PCI cards in 1U 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Front Access 700W high-efficiency power supply
Intel 5000 SUPER X7BR	Intel 5000 SUPER X7BR	Intel 5000 SUPER X7BX	Intel 5000 SUPER X7BX
32 GB Fully-Buffered DIMM (FBD) DDR3 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDR3 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDR3 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDR3 667/533 in 8 DIMM sockets
1 Universal PCI-X 100 MHz (full-length)/Universal PCI-X 133 MHz (full-length) PCI-Express x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile) PCI-Express x8 (low-profile)	1 Universal PCI-X 100 MHz (full-length)/Universal PCI-X 133 MHz (full-length) PCI-Express x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile) PCI-Express x8 (low-profile)	1 Universal PCI-X 133 MHz (full-length) PCI-Express x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile) PCI-Express x8 (low-profile) 2 64-bit PCI-X 133MHz w/RSC-R1UEP	1 Universal PCI-X 133 MHz (full-length) PCI-Express x8 (full-length) 1 Universal PCI-X 100 MHz (low-profile) PCI-Express x8 (low-profile) 2 64-bit PCI-X 133MHz w/RSC-R1UEP
Adaptec 7902W 2-channel Ultra320 SATA Intel ES2 for 6 SATA (3 Gbit RAID 0, 1, 5, 0)	Intel ES2 for 6 SATA (3 Gbit RAID 0, 1, 5, 0)	Adaptec 7902W 2-channel Ultra320 S SATA Intel ES2 for 6 SATA (3 Gbit RAID 0, 1, 5, 0)	Intel ES2 for 6 SATA (3 Gbit RAID 0, 1, 5, 0)
AOC-LPZCR1 or AOC-LPZCR2	N/A	AOC-LPZCR1 or AOC-LPZCR2	N/A
Dual LAN with hit 82563EB Gigabit Ethernet controller ATP ES1000 16MB PCI graphic controller	Dual LAN with hit 82563EB Gigabit Ethernet controller ATP ES1000 16MB PCI graphic controller	Dual LAN with hit 82563EB Gigabit Ethernet controller ATP ES1000 16MB PCI graphic controller	Dual LAN with hit 82563EB Gigabit Ethernet controller ATP ES1000 16MB PCI graphic controller
SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER Doctor III, Watchdog	SIMSO socket (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER Doctor III, Watchdog	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER Doctor III, Watch D	SIM1U slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER Doctor III, Watch D
1.2 TB	1.6 TB	900 GB	1.2 TB
4 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	4 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	3 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE	3 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)
1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive
560W high-efficiency	560W high-efficiency	700W high-efficiency cold-swap power supply w/1 C built-in	700W high-efficiency cold-swap power supply w/1 C built-in
4 x 4cm heavy duty counter-rotating fans w/optimal fan spd control & shroud	4 x 4cm heavy duty counter-rotating fans w/optimal fan spd control & shroud	5 x 4cm heavy duty counter-rotating fans w/optimal fan spd control & air shroud	5 x 4cm heavy duty counter-rotating fans w/optimal fan spd control & air shroud
1U Rackmount 432 x 43 x 650mm (17" x 1.7" x 25.6")	1U Rackmount 432 x 43 x 650mm (17" x 1.7" x 25.6")	1U Rackmount 432 x 43 x 705mm (17" x 1.7" x 27.75")	1U Rackmount 432 x 43 x 705mm (17" x 1.7" x 27.75")

SUPERMICRO
Server
Solutions

Dual-core Xeon 5000/5100



Dual-core Xeon 5000/5100



**SAS w/SES2
700W redundant power**



	SuperServer 6015V-T	SuperServer 6015V-MR	SuperServer 6014P-32R
PROCESSOR SUPPORT	Dual-Core Intel® Xeon™ Processors: 5000/5100 series (LGA 771)	Dual-Core Intel® Xeon™ Processors: 5000/5100 series (LGA 771)	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB (Dual-core support)
KEY APPLICATIONS	File server, e-mail server, webserver for small business & other server applications	File/print server, firewall applications, client nodes, mailserver, webserver for small business applications	High-end enterprise server, SOA, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
OUTSTANDING FEATURES	2 SATA drive bays w/SGPIO 1 PCI-X 133 MHz 16 GB FB-DIMM memory 2 Gigabit Ethernet ports Front-side USB 2.0 ports SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 520W high-efficiency power supply	Optimized for shallow racks 1 PCI-X 133 MHz 16 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 520W high-efficiency power supply	4 SAS/SATA drive bays w/SES2 Universal PCI-X PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported 1U IPMI 2.0 slot w/3rd LAN port 700W redundant power supply
CHIPSET/SERVERBOARD™	Intel® 5000V SUPER® X7DL-	Intel® 5000V SUPER® X7DL-	Intel® E7520 SUPER® X6BP-3C;
SYSTEM MEMORY (Max.)	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	16 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 6 DIMM sockets	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 64-bit PCI-X33 MHz	1 64-bit PCI-X 133 MHz	1 Universal PCI-X 100 MHz (full height) / 1 PCI-Express x8 1 Universal PCI-X 100 MHz (low profile) / 1 PCI-Express x8
ONBOARD SCSI/SATA/IDE/SATA RAID	Intel® ESB2 for 6 SATA (3 GB RAID 0, 1, 5, 10)	Intel® ESB2 for 6 SATA (3 GB RAID 0, 1, 5, 10)	Adaptec® 9410 for 4 internal SAS/SATA ports and 1 external SAS 4x port Intel® ICH5R for 2 SATA; RAID 0, 10
ZERO CHANNEL RAID (ZCR) SUPPORT	N/A	N/A	AOC-LPZCR2
ONBOARD LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	SIMLC slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog	1U IPMI 2.0 slot w/optional 3rd LAN port SUPER® Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	800 GB	400 GB	SAS: 588 GB or SATA: 1.6 TB
DRIVE BAYS	2 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO)	1 x 3.5" fixed SATA drive bay with enclosure management (SGPIO)	4 x 3.5" hot-swap SAS/SATA drive bays with SES2
PERIPHERAL BAYS	1 slim DVD-ROM drive	1 slim DVD-ROM drive	1 slim DVD-ROM drive 1 slim floppy drive
POWER SUPPLY	520W high-efficiency	520W high-efficiency	700W redundant hot-swap ² w/1U full bin
COOLING SYSTEM	2 x 10cm high performance blower w/optimal fan speed control & air shroud	3 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control & air shroud	fanless 4cm heavy-duty counter-rotating w/optimal fan speed control
FORM FACTOR	1U Rackmount 425 x 44 x 574mm (16.7" x 1.7" x 22.6")	Mini 1U Rackmount 439 x 44 x 369mm (17.3" x 1.7" x 14.5")	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")

SAS w/SES2
700W redundant power



SuperServer 6014P-32	SuperServer 6014P-82R	SuperServer 6014P-82	SuperServer 6014P-8R
Dual Intel® 64-bit Xeon up to 3.06GHz 800MHz FSB (Dual-core support)	Dual Intel® 64-bit Xeon up to 3.06GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.06GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.06GHz 800MHz FSB
High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
4 SAS/SATA drive bays w/SES2 Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported 1U IPMI 2.0 slot w/3rd LAN support 700W cold-swap power supply	4 SCA drive bays w/SAF-TE Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported 1U IPMI 2.0 slot w/3rd LAN support 560W redundant power supply	4 SCA drive bays w/SAF-TE Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported 1U IPMI 2.0 slot w/3rd LAN support 560W cold-swap power supply	4 SCA drive bays w/SAF-TE Universal PCI-X/PCI-Express 12/24 GB DDR33/266 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 560W redundant power supply
Intel® E7520/SUPER® X6HP-3C;	Intel® E7520/SUPER® X6HP-8C;	Intel® E7520/SUPER® X6HP-8C;	Intel® E7520/SUPER® X6HP-8C
16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIM sockets (2-way interleaved memory)
1 Universal PCI-X 100 MHz (full-length)/ 1 PCI-Express x8 1 Universal PCI-X 100 MHz (low-profile)/ 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8	1 Universal PCI-X 133 MHz (full-length)/ 1 PCI-Express x8 1 Universal PCI-X 100 MHz (full-length)/ 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8
Adaptec® 9410 for 4 internal SAS/SATA ports and 1 external SAS 4x port Intel® ICH5R for 2 SATA; RAID, 00	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID
AOC-LPZCR2	AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZCR2 or AOC-LPZCR1
Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATP Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATP Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATP Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATP Rage XL 8MB PCI graphics controller
1U IPMI 2.0 slot w/optional 3rd LAN SUPER® Doctor III, Watchdog	1U IPMI 2.0 slot w/optional 3rd LAN SUPER® Doctor III, Watchdog	1U IPMI 2.0 slot w/optional 3rd LAN SUPER® Doctor III, Watch D	1U IPMI 2.0 socket SUPER® Doctor II Watch Dog
SAS: 588 GB or SATA: 1.6 TB	1.2 TB	1.2 TB	1.2 TB
4 x 3.5" hot-swap SAS/SATA drive bays with SES2	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)
1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive
700W cold-swap w/1 C built-in	560W redundant hot-swap w/1 C built-in	560W cold-swap w/1 C built-in	560W redundant hot-swap w/1 C built-in
4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control	4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control
1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")



	SuperServer 6014P-8	SuperServer 6014P-TR	SuperServer 6014P-T
PROCESSOR SUPPORT	Dual Intel® 64-bit Xeon™ up to 3.80GHz 800MHz FSB	Dual Intel® 64-bit Xeon™ up to 3.80GHz 800MHz FSB	Dual Intel® 64-bit Xeon™ up to 3.80GHz 800MHz FSB
KEY APPLICATIONS	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
OUTSTANDING FEATURES	4 SCA drive bays w/SAF-TE Universal PCI-X/PCI-Express 12/24 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 560W cold-swap power supply	4 SATA drive bays Universal PCI-X/PCI-Express 12/24 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR supported 1U IPMI 2.0 slot w/3rd LAN supported 560W hot-swap power supply	4 SATA drive bays Universal PCI-X/PCI-Express 12/24 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR supported 1U IPMI 2.0 slot w/3rd LAN supported 560W cold-swap power supply
CHIPSET/SERVERBOARD™	Intel® E7520/SUPER● X6DHP-8G	Intel® E7520/SUPER● X6DHP-TG	Intel® E7520/SUPER● X6DHP-TG
SYSTEM MEMORY (Max.)	12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 Universal PCI-X 133 MHz(fullLength)/ 1 PCI-Express x8 1 Universal PCI-X 100 MHz(fullLength)/ 1 PCI-Express x8	1 Universal PCI-X 100 MHz(fullLength)/ 1 PCI-Express x8	1 Universal PCI-X 100MHz (fullLength)/ 1 PCI-Express x8 1 Universal PCI-X 100MHz (fullLength)/ 1 PCI-Express x8
ONBOARD SCSI/SATA/IDE/ SATA RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec AIC-8130 for 4 SATA Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 8130 for 4 SATA Intel® ICH5R for 2 SATA; RAID 0, 1
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR1	AOC-LPZCR1	AOC-LPZCR1
ONBOARD LAN/VGA	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	1U IPMI 2.0 slot w/optional 3rd LAN port SUPER● Doctor III, Watch Dog	1U IPMI 2.0 slot w/optional 3rd LAN port SUPER● Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	1.2 TB	1.6 TB	1.6 TB
DRIVE BAYS	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive
POWER SUPPLY	560W cold-swap w/I ² C built-in	560W redundant hot-swap w/I ² C built-in	560W cold-swap w/I ² C built-in
COOLING SYSTEM	5 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control	5 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control	5 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control
FORM FACTOR	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")	1U Rackmount 437 x 43 x 681mm (17.2" x 1.7" x 26.8")

SAS



SuperServer 6014H-32	SuperServer 6014H-82	SuperServer 6014H-8	SuperServer 6014H-X8
Dual Intel® 64-bit Xeon™ up to 3.80GHz 800MHz FSB	Dual Intel® 64-bit Xeon™ up to 3.80GHz 800MHz FSB	Dual Intel® 64-bit Xeon™ up to 3.80GHz 800MHz FSB	Dual Intel® 64-bit Xeon™ up to 3.80GHz 800MHz FSB
High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
4 SAS/SATA drive bays Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 500W cold-swap power supply	4 SCA drive bays w/SAF-TE Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W cold-swap power supply	4 SCA drive bays w/SAF-TE Universal PCI-X/PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W cold-swap power supply	4 SCA drive bays w/SAF-TE 2 PCI-X 133MHz 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W cold-swap power supply
Intel® E7520/SUPER● X6DHR-3G2	Intel® E7520/SUPER● X6DHR-8G2	Intel® E7520/SUPER● X6DHR-8G	Intel® E7520/SUPER● X6DHR-X8G
16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)
1 Universal PCI-X 133 MHz (full-length)/ 1 PCI-Express x8 1 Universal PCI-X 100 MHz (low-profile)/ 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8 1 Universal PCI-X 100MHz (low-profile)/ 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8 1 Universal PCI-X 133MHz (low-profile)/ 1 PCI-Express x4	1 64-bit PCI-X 133MHz (full-length) 1 64-bit PCI-X 133MHz (low-profile)
Adaptec® 9410 for 4 internal SAS/SATA ports and 1 external 4x port Intel® ICH5R for 2 SATA; RAID 0, 1, 10	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1
AOC-SOZCR1	AOC-SOZCR1	AOC-SOZCR1	AOC-SOZCR1
Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
IPMI 2.0 socket SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog
SAS: 588 GB or SATA: 1.6 TB	1.2 TB	1.2 TB	1.2 TB
4 x 3.5" hot-swap SAS/SATA drive bays	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)
1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive
500W cold-swap w/I ² C built-in	500W cold-swap w/I ² C built-in	500W cold-swap w/I ² C built-in	500W cold-swap w/I ² C built-in
2 x 10cm heavy-duty blowers w/optimal fan speed control	2 x 10cm heavy-duty blowers w/optimal fan speed control	2 x 10cm heavy-duty blowers w/optimal fan speed control	2 x 10cm heavy-duty blowers w/optimal fan speed control
1U Rackmount 437 x 44 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 25.7")	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.7")



	SuperServer 6014H-Xi	SuperServer 6014H-i2	SuperServer 6014H-i
PROCESSOR SUPPORT	Dual Intel® 64-bit Xeon up to 800MHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 800MHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 800MHz 800MHz FSB
KEY APPLICATIONS	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
OUTSTANDING FEATURES	3 fixed drive bays 2 PCI-X 133MHz 16/32 GB DDR33/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Front side USB 2.0 & serial port 420W power supply	3 fixed drive bays Universal PCI-X/PCI-Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Front side USB 2.0 & serial ports 420W power supply	3 fixed drive bays Universal PCI-X/PCI-Express 16/32 GB DDR33/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Front side USB 2.0 & serial ports 420W power supply
CHIPSET/SERVERBOARD™	Intel® E7520/SUPER® X6BR-Xi	Intel® E7520/SUPER® X6BR-iG;	Intel® E7520/SUPER® X6BR-iC
SYSTEM MEMORY (Max.)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 64-bit PCI-X 133MHz (full-length) 1 64-bit PCI-X 133MHz (low-profile)	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8 1 Universal PCI-X 100MHz (low-profile)/ 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8 1 Universal PCI-X 133MHz (low-profile)/ 1 PCI-Express x4
ONBOARD SCSI/SATA/IDE/ SATA RAID	Intel® ICH5R for 2 SATA RAID 0, 1 supported	Intel® ICH5R for 2 SATA RAID 0, 1 supported	Intel® ICH5R for 2 SATA RAID 0, 1 supported
ZERO CHANNEL RAID (ZCR) SUPPORT	N/A	N/A	N/A
ONBOARD LAN/VGA	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	IPMI 2.0 socket/SUPER® Doctor I Watch Dog	IPMI 2.0 socket/SUPER® Doctor II Watch Dog	IPMI 2.0 socket/SUPER® Doctor II Watch Dog
INTERNAL STORAGE (Max.)	750 GB	750 GB	750 GB
DRIVE BAYS	3 x 3.5" fixed drive bays	3 x 3.5" fixed drive bays	3 x 3.5" fixed drive bays
PERIPHERAL BAYS	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive 1 slim floppy drive
POWER SUPPLY	420W	420W	420W
COOLING SYSTEM	2 x 10cm heavy-duty blowers w/optimal fan speed control	2 x 10cm heavy-duty blowers w/optimal fan speed control	2 x 10cm heavy-duty blowers w/optimal fan speed control
FORM FACTOR	1U Rackmount 427 x 43 x 650mm (16.7" x 1.7" x 25.7")	1U Rackmount 427 x 43 x 650mm (16.7" x 1.7" x 25.7")	1U Rackmount 427 x 43 x 650mm (16.7" x 1.7" x 25.7")



Dual-core Xeon LV



Dual-core Xeon LV



Dual-core Xeon LV



SuperServer 6014H-T	SuperServer 6014L-M4	SuperServer 6014L-T	SuperServer 6014L-M
Dual Intel® 64-bit Xeon™ up to 3.80GHz 800MHz FSB	Dual Intel® 64-bit Xeon™ LV up to 2.0GHz 667MHz FSB	Dual Intel® 64-bit Xeon™ LV up to 2.0GHz 667MHz FSB	Dual Intel® 64-bit Xeon™ LV up to 2.0GHz 667MHz FSB
High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	NAS storage, file server, e-mail server, web server for small business & other server applications	NAS storage, file server, e-mail server, web server for small business & other server applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications
4 SATA drive bays Universal PCI-X/PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 500W cold-swap power supply	4 SCA drive bays w/SAF-TE 1 Universal PCI-X/PCI-Express 16GB DDRII 400 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket Front side USB & serial ports 300W power supply	2 SATA drive bays 1 Universal PCI-X/PCI-Express 16GB DDRII 400 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket 260W power supply	Optimized for shallow racks 1 Universal PCI-X/PCI-Express 16GB DDRII 400 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket Front side USB ports 260W power supply
Intel® E7520/SUPER● X6DHR-TG	Intel® E7520/SUPER● X6DLP-4G2	Intel® E7520/SUPER● X6DLP-EG2	Intel® E7520/SUPER● X6DLP-EG2
16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)
1 Universal PCI-X 133MHz (full-length)/ 1 PCI-Express x8 1 Universal PCI-X 100MHz (low-profile)/ 1 PCI-Express x8	1 Universal PCI-X 66MHz (full-height & half-length)/1 PCI-Express x8	1 Universal PCI-X 66MHz (full-height & full-length)/1 PCI-Express x8	1 Universal PCI-X 66MHz (full-height & half-length)/1 PCI-Express x8
Adaptec® 8130 for 4 SATA Intel® ICH5R for 2 SATA; RAID 0, 1	Adaptec® 7901 Ultra320 SCSI Intel® 6300ESB for 2 SATA; RAID 0, 1	Intel® 6300ESB for 2 SATA; RAID 0, 1	Intel® 6300ESB for 2 SATA; RAID 0, 1
AOC-SOZCR1	AOC-IPZCR2 or AOC-IPZCR1	N/A	N/A
Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573V & 82573E PCI-Express Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573V & 82573E PCI-Express Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573V & 82573E PCI-Express Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog	IPMI 2.0 socket, SUPER● Doctor III, Watch Dog
1.6 TB	1.2 TB	800 GB	400 GB
4 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed drive bays
1 slim CD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive
500W cold-swap w/I ² C built-in	300W	260W	260W
2 x 10cm heavy-duty blowers w/optimal fan speed control	3 x 4cm heavy-duty fans w/optimal fan speed control	2 x 4cm heavy-duty fans w/optimal fan speed control	2 x 4cm heavy-duty fans w/optimal fan speed control
1U Rackmount 437 x 44 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 504mm (17.2" x 1.7" x 19.85")	1U Rackmount 427 x 43 x 574mm (16.7" x 1.7" x 22.6")	1U Rackmount 424 x 43 x 356mm (16.7" x 1.7" x 14")



	SuperServer 6014A-8	SuperServer 6014V-M4	SuperServer 6014V-T2
PROCESSOR SUPPORT	Dual Intel® 64-bit Xeon up to 800MHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 800MHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 800MHz 800MHz FSB
KEY APPLICATIONS	High-end server, business/critical applications, cluster server, high performance computing cluster (HPC) video and movie rendering	NAS storage, file server, e-mail server, web server for small businesses & other server applications	File server, e-mail server, web server for small businesses & other server applications
OUTSTANDING FEATURES	4 SCA drive bays w/SAF-TE Universal PCI-X/PCI-Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W cold-swap power supply	4 SCA drive bays w/SAF-TE 1 PCI-X 133MHz 12/24 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Front side USB serial ports 420W power supply	2 SATA drive bays 1 PCI 66MHz 8 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 420W power supply
CHIPSET/SERVERBOARD™	Intel® E7525 SUPER® X6DR-8C	Intel® E7320 SUPER® X6MA-4C	Intel® E7320 SUPER® X6ML-EG
SYSTEM MEMORY (Max.)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)	12/24 GB ECC Reg. DDR333/266 SDRAM in 6 DIM sockets (2-way interleaved memory)	8 GB ECC Reg. DDRII 400 SDRAM in 4 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 PCI-Express x1 1 Universal PCI-X 133MHz (low-profile)/ 1 PCI-Express x4	1 64-bit PCI-X 133MHz	1 64-bit PCI 66MHz
ONBOARD SCSI/SATA/IDE/SATA RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	LSP Ultra320 SCSI Intel® 6300ESB for 2 SATA RAID 0, 1 supported	Intel® 6300ESB for 2 SATA RAID 0, 1 supported
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-SOZCR1	N/A	N/A
ONBOARD LAN/VGA	Dual LAN with hit 82546GB Gigab Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with hit 82541GI Gigab Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual LAN with hit 82541GI Gigab Ethernet controllers ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	IPMI 2.0 socket SUPER® Doctor I Watch Dog	IPMI 2.0 socket SUPER® Doctor II Watch Dog	IPMI 2.0 socket SUPER® Doctor II Watch Dog
INTERNAL STORAGE (Max.)	1.2 TB	1.2 TB	800 GB
DRIVE BAYS	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	2 x 3.5" hot-swap SATA drive bays
PERIPHERAL BAYS	1 slim CD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy drive
POWER SUPPLY	500W cold-swap w/ATX C built-in	420W	420W
COOLING SYSTEM	2 x 10cm heavy duty blowers w/optimal fan speed control	4 x 4cm high performance fans w/optimal fan speed control	2 x 10cm high performance fans w/optimal fan speed control
FORM FACTOR	1U Rackmount 437 x 43 x 650mm (17.2" x 1.7" x 25.6")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 425 x 44 x 574mm (16.7" x 1.7" x 22.6")

Itanium 2



SuperServer 6113L-8/i	SuperServer 6013P-T	SuperServer 6013P-8+	SuperServer 6013P-8
Dual Intel® Itanium 2 up to 3.20GHz 400MHz FSB	Dual Intel® Xeon® up to 3.20GHz 533/400MHz FSB	Dual Intel® Xeon® up to 3.20GHz 533/400MHz FSB	Dual Intel® Xeon® up to 3.20GHz 533/400MHz FSB
High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end file, web server, communication gateway, primary server for small business, server clustering, NAS	E-business, web server, load balancing, database, server clustering	E-business, web server, load balancing, database, server clustering
4 SCA w/SAF-TE/fixed drive bays 1 PCI-X 100MHz 16 GB DDR SDRAM 2 Gigabit Ethernet ports IPMI 1.5 socket Front side USB 2.0 & serial port 500W cold-swap power supply	4 SATA hot-swap drive bays 1/1 PCI-X/PCI 133/66MHz 12GB DDR SDRAM 2 Gigabit Ethernet ports IPMI 1.5 socket Front side USB & serial ports (optional) 500W cold-swap power supply	4 SCA drive bays w/SAF-TE 2 PCI-X 133/100MHz slots 12 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR card supported IPMI 1.5 socket Front side USB & serial ports (optional) 500W cold-swap power supply	3 SCA drive bays w/SAF-TE 2 PCI-X 133/100MHz slots 12 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR card supported IPMI 1.5 socket Front side USB & serial ports 400W cold-swap power supply
6113L-i: Intel® E8870/SUPER® i2DML8G2 6113L-i: Intel® E8870/SUPER® i2DMLiG2	Intel® E7501/SUPER® X5DPR-TG2+	Intel® E7501/SUPER® X5DPR-8G2+	Intel® E7501/SUPER® X5DPR-8G2+
16 GB ECC Reg. DDR200 SDRAM (4-way interleaved memory)	12 GB ECC Reg. DDR266/200 SDRAM in 6 DIMM sockets (low-profile memory) (2-way interleaved memory)	12 GB ECC Reg. DDR266/200 SDRAM in 6 DIMM sockets (low-profile memory) (2-way interleaved memory)	12 GB ECC Reg. DDR266/200 SDRAM in 6 DIMM sockets (low-profile memory) (2-way interleaved memory)
1 64-bit, PCI-X 100MHz (full-length)	1 64-bit PCI-X 133 MHz (full-length) 1 64-bit PCI 66MHz (low-profile)	1 64-bit PCI-X 133 MHz (full-length) 1 64-bit PCI-X 100 MHz (low-profile)	1 64-bit PCI-X 133 MHz (full-length) 1 64-bit PCI-X 100 MHz (low-profile)
6113L-i: LSP 2-ch Ultra320 SCSI cont 6113L-i: ATA/100 IDE	Two Silicon 3112 controllers support 4 SATA ports for 4 drives	Adaptec® 7902 2-channel Ultra320 SCSI	Adaptec® 7902 2-channel Ultra320 SCSI
N/A	DAC-ZCRINT (RAID 0,1, 5 with Zero-channel RAID supported)	AOC-SOZCR1	AOC-SOZCR1
Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8 MB PCI graphics controller	Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8 MB PCI graphics controller
IPMI 1.5 socket, SUPER® Doctor III Watch Dog	IPMI 1.5 socket, SUPER® Doctor III Watch Dog	IPMI 1.5 socket & SUPER® Doctor I Watch Dog	IPMI 1.5 socket & SUPER® Doctor I Watch Dog
1.2 TB	1.6 Terabytes	1.2 Terabytes	900 GB
6113L-8: 4 x 3.5" hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant) 6113L-i: 4 x 3.5" fixed drive bays	4 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	3 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)
1 slim CD-ROM drive	1 slim floppy drive 1 slim CD-ROM drive	1 slim floppy drive 1 slim CD-ROM drive	1 slim floppy drive 1 slim CD-ROM drive
500W cold-swap w/I ² C built-in	500W cold-swap	500W cold-swap	400W cold-swap
2 x 10cm heavy duty blowers & 1 x 4cm I/O cooling fan	2 x 10cm heavy duty blower fans	2 x 10cm heavy duty blower fans	2 x 10cm heavy duty blower fans
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")

SUPERMICRO
Server
Solutions



Dual-core Pentium
400W Redundant power

	SuperServer 6013P-i	SuperServer 6013A-T	SuperServer 5015P-8R
PROCESSOR SUPPORT	Dual Intel® Xeon® up to 3.20GH 533/400MHz FSB	Dual Intel® Xeon® up to 3.20GH 533/400MHz FSB	Intel® Pentium® D, Pentium® E, Pentium® 4 up to 3.80GHz/Celeron 1066/800/533400 FSB(LGA 775 socket)
KEY APPLICATIONS	High-end file/print server, web server, communication gateway, primary server for small businesses, server clustering	File/print server, firewall applications, mail server, web server for small businesses & other server applications	High-end enterprise server, clusters , high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)
OUTSTANDING FEATURES	3 IDE drive bays 2 PCI-X 133/100MHz slots 12 GB DDR SDRAM 2 Gigabit Ethernet ports 350W power supply	2 SATA drive bays 8 GB DDR SDRAM 1 Gigabit & 1 10/100 Ethernet ports IPMI 1.5 socket 350W power supply	4 SCA drive bays w/SAF-TE Universal PCI-X PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports ZCR supported 1U IPMI 2.0 slot w/3rd LAN port 400W redundant power supply
CHIPSET/SERVERBOARD™	Intel® E7501/SUPER® X5DPR-iG2+	Intel® E7501/SUPER® X5DPA-TGM+	Intel® E7230/SUPER® PDSM-1
SYSTEM MEMORY (Max.)	12 GB ECC Reg. DDR266/200 SDRAM in 6 DIMM sockets (low-profile memory) (2-way interleaved memory)	8 GB ECC Reg. DDR266/200 SDRAM in 4 DIMM sockets (2-way interleaved memory)	8 GB Unb. ECC, non-ECC DDRII 667 SDRAM in 4 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 64-bit PCI-X 133 MHz (full-length) 1 64-bit PCI-X 100 MHz (low-profile)	1 32-bit PCI 33 MHz	1 Universal PCI-X 133MHz (full-length) or 1 PCI-Express x4 1 64-bit PCI-X 100MHz (low-profile)
ONBOARD SCSI/SATA/IDE/ SATA RAID	ATA/100 IDE	Intel® ICH5R for 2 SATA: RAID	Adaptec® 7902-channel Ultra320 SCSI Intel® ICH7R for 4 SATA (3 Q RAID 0, 1, 5, 10)
ZERO CHANNEL RAID (ZCR) SUPPORT	N/A	N/A	AOC-LPZCR1
ONBOARD LAN/VGA	Dual Gigabit LAN with Intel® 82546EB Ethernet controller ATI® Rage XL 8 MB PCI graphics controller	Intel® 82541 Gigabit Ethernet controller Intel® 82551 10/100 fast Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	IPMI 1.5 socket (SUPER® Doctor II) Watch Dog	IPMI 1.5 socket (SUPER® Doctor II) Watch Dog	1U IPMI 2.0 slot w/optional 3rd LAN port SUPER® Doctor III, Watch D
INTERNAL STORAGE (Max.)	900 GB	800GB	1.2 TB
DRIVE BAYS	3 x 3.5" internal drive bays	2 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)
PERIPHERAL BAYS	N/A	1 floppy drive 1 slim CD-ROM drive	1 slim DVD-ROM drive 1 slim floppy drive
POWER SUPPLY	350W	350W	400W redundant hot-swap 2w/1U unit
COOLING SYSTEM	2 x 10cm heavy-duty blowers	2 x 10cm heavy-duty blowers	3 x 4cm heavy-duty counter-rotating fan w/optimal fan speed control
FORM FACTOR	1U Rackmount 427 x 43 x 650mm (16.7" x 1.7" x 25.6")	1U Rackmount 427 x 43 x 574mm (16.7" x 1.7" x 22.6")	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")

Dual-core Pentium



Dual-core Pentium



Dual-core Pentium



Dual-core Pentium



SuperServer 5015P-8	SuperServer 5015P-T/TR	SuperServer 5015M-MT	SuperServer 5015M-T
Intel Pentium D, Pentium Extreme Pentium 4 up to 3.80GHz/Celeron I 1066/800/533/400MHz FSB (PGA 775 socket)	Intel Pentium D, Pentium Extreme Pentium 4 up to 3.80GHz/Celeron I 1066/800/533/400MHz FSB (PGA 775 socket)	Intel Pentium D, Pentium Extreme Pentium 4 up to 3.80GHz/Celeron I 1066/800/533/400MHz FSB (PGA 775 socket)	Intel Pentium D, Pentium Extreme Pentium 4 up to 3.80GHz/Celeron I 1066/800/533/400MHz FSB (PGA 775 socket)
High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	High-end enterprise server, SQLs, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)	NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications
4 SCA drive bays w/SAF-TE Universal PCI-X PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports ZCR RAID supported 1U IPMI 2.0 slot w/3rd LAN socket 400W cold-swap power supply	4 SATA drive bays Universal PCI-X PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports 1U IPMI 2.0 slot w/3rd LAN socket 400W cold-swap power supply	4 SATA drive bays Universal PCI-X PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports IPMI 2.0 socket Front USB 2.0 & serial ports	2 SATA drive bays Universal PCI-X PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports So IPMI 2.0 socket
Intel E7230 SUPER PDMPI	Intel E7230 SUPER PDMPI	Intel E7230 SUPER PDSN	Intel E7230 SUPER PDSN
8 GB Unb. ECC, non-ECC DDRII 667 SDRAM in 4 DIMM sockets (2-way interleaved memory)	8 GB ECC Unb. ECC, non-ECC DDRII 667 SDRAM in 4 DIMM sockets (2-way interleaved memory)	8 GB Unb. ECC, non-ECC DDRII 667 SDRAM in 4 DIMM sockets (2-way interleaved memory)	8 GB Unb. ECC, non-ECC DDRII 667 SDRAM in 4 DIMM sockets (2-way interleaved memory)
1 Universal PCI-X 133MHz (full-length) 1 PCI-Express x4 1 64-bit PCI-X 100MHz (low-profile)	1 Universal PCI-X 133MHz (full-length) 1 PCI-Express x4 1 64-bit PCI-X 100MHz (low-profile)	1 Universal PCI-X 133MHz (full-length) or PCI-Express x8	1 Universal PCI-X 133MHz (full-length) or 1 PCI-Express x8
Adaptec 7902 2-channel Ultra320 SCSI Intel ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 0	Intel ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 0	Intel ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 0	Intel ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 0
AOC-LPZCR1	N/A	N/A	N/A
Dual LAN with Intel 82573 PCI-Express Gigabit Ethernet controllers ATX Rage XL 8MB PCI graphics controller	Dual LAN with Intel 82573 PCI-Express Gigabit Ethernet controllers ATX Rage XL 8MB PCI graphics controller	Dual LAN with Intel 82573 PCI-Express Gigabit Ethernet controllers ATX Rage XL 8MB PCI graphics controller	Dual LAN with Intel 82573 PCI-Express Gigabit Ethernet controllers ATX Rage XL 8MB PCI graphics controller
1U IPMI 2.0 slot w/optional 3rd LAN SUPER Doctor III, Watchdog	1U IPMI 2.0 slot w/optional 3rd LAN SUPER Doctor III, Watchdog	IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor Watch Dog
1.2 TB	1.6 TB	1.6 TB	800 GB
4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap SATA drive bays	4 x 3.5" hot-swap SATA drive bays	2 x 3.5" hot-swap SATA drive bays
1 slim DVD-ROM drive 1 slim floppy drive	1 slim DVD-ROM drive 1 slim floppy drive	1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy
400W cold-swap w/1 C built-in	5015P-T: 400W cold-swap w/built-in 5015P-TR: 400W redundant hot-swap w/1 C built-in	300W	300W
3 x 4cm heavy duty counter-rotating w/optimal fan speed control	3 x 4cm heavy duty counter-rotating w/optimal fan speed control	3 x 4cm heavy-duty fans w/optimal fan speed control & air shroud	3 x 4cm heavy-duty counter-rotating w/optimal fan speed control & air shroud
1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 43 x 686mm (17.2" x 1.7" x 27")	1U Rackmount 437 x 44 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 427 x 43 x 574mm (16.8" x 1.7" x 22.6")



	SuperServer 5015M-MF	SuperServer 5015M-MR	SuperServer 5014C-M8
PROCESSOR SUPPORT	Intel® Pentium® D, Pentium® Extreme Pentium® 4 up to 3.60GHz/Celeron® I 1066/800/533/400MHz FSB (LGA 775 socket)	Intel® Pentium® D, Pentium® up to 3.60GHz/Celeron® D up to 3.06GHz 1066/800/533/400MHz FSB (LGA 775 socket)	Intel® Pentium® 4 LGA775 up to 3.6 800MHz FSB
KEY APPLICATIONS	File/print server, firewall applications, client nodes, mail server, web server for small business applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	NAS storage, file server, mail server, web server for small businesses & other server applications
OUTSTANDING FEATURES	Optimized for shallow racks Universal PCI-X & PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports So IPMI 2.0 socket Front-side I/O Access	Optimized for shallow racks Universal PCI-X & PCI-Express 8 GB DDRII 667 SDRAM 2 PCI-Express Gigabit Ethernet ports So IPMI 2.0 socket	4 SCA drive bays w/SAF-TE 1 PCI-X 100MHz slot 4 GB DDRII 533 SDRAM 2 Gigabit Ethernet ports Front USB 2.0 & serial ports
CHIPSET/SERVERBOARD™	Intel® E7230 SUPER PDSM	Intel® E7230 SUPER PDSM	Intel® E722 SUPER P8S8
SYSTEM MEMORY (Max.)	8 GB Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets (2-way interleaved memory)	8 GB Unb. ECC, non ECC DDRII 667 SDRAM in 4 DIMM sockets (2-way interleaved memory)	4 GB Unbuffered ECC /non-ECC DDRII 533/400 SDRAM in 4 DIMM sockets
EXPANSION SLOTS	1 Universal PCI-X 133MHz (full-length & half-length) or 1 PCI-Express x8	1 Universal PCI-X 133MHz (full-length & half-length) or 1 PCI-Express x8	1 64-bit PCI-X 100MHz
ONBOARD SCSI/SATA/IDE/ SATA RAID	Intel® ICH7R for 4 SATA (6Gbps) RAID 0, 1, 5, 10	Intel® ICH7R for 4 SATA (6Gbps) RAID 0, 1, 5, 10	Adaptec® 7902-channel Ultra320 SCSI Intel® ICH6R for 4 SATA; RAID
ZERO CHANNEL RAID (ZCR) SUPPORT	N/A	N/A	AOC-LPZCR1
ONBOARD LAN/VGA	Dual LAN with Intel® 82573 PCI-Express Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82573V PCI-Express Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual Broadcom BCM5721 PCI-Express Ethernet controller Integrated server-quality graphics
MANAGEABILITY	IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor II Watch Dog
INTERNAL STORAGE (Max.)	400 GB	400 GB	1.2 TB
DRIVE BAYS	1 x 3.5" fixed drive 2 x 2.5" optional fixed SATA drive bays	1 x 3.5" fixed SATA drive bay	4 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant)
PERIPHERAL BAYS	N/A	1 slim CD-ROM drive	1 slim CD-ROM drive
POWER SUPPLY	260W	260W	300W
COOLING SYSTEM	2 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	2 x 4cm counter-rotating fans w/optimal fan speed control & air shroud	3 x 4cm high performance fans w/optimal fan speed control & air shroud
FORM FACTOR	Mini 1U Rackmount 424 x 44 x 356mm (16.7" x 1.7" x 14")	Mini 1U Rackmount 424 x 44 x 356mm (16.7" x 1.7" x 14")	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")



SuperServer 5014C-MT	SuperServer 5014C-T	SuperServer 5014C-MF	SuperServer 5014C-MR
Intel® Pentium® 4 LGA775 up to 3.6GHz 800MHz FSB	Intel® Pentium® 4 LGA775 up to 3.60GHz 800MHz FSB	Intel® Pentium® 4 LGA775 up to 3.60GHz 800MHz FSB	Intel® Pentium® 4 LGA775 up to 3.60GHz 800MHz FSB
NAS storage, file server, mail server, web server for small businesses & other server applications	NAS storage, file server, mail server, web server for small businesses & other server applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications
4 SATA drive bays 1 PCI-X 133MHz slot 4 GB DDRII 533SDRAM 2 Gigabit Ethernet ports Front USB 2.0 & serial ports	2 SATA drive bays 1 PCI-X 133MHz slot 4 GB DDRII 533SDRAM 2 Gigabit Ethernet ports	Optimized for shallow racks 1 PCI-X 133MHz slot 4 GB DDRII 533SDRAM 2 Gigabit Ethernet ports Front-side I/O Access	Optimized for shallow racks 1 PCI-X 133MHz slot 4 GB DDRII 533SDRAM 2 Gigabit Ethernet ports Front USB 2.0 ports
Intel® E722i SUPER® P8S1	Intel® E722i SUPER® P8Si	Intel® E722i SUPER® P8S1	Intel® E722i SUPER® P8S1
4 GB Unbuffered ECC /non-ECC DDRII 533/400SDRAM in 4 DIMM sockets	4 GB Unbuffered ECC /non-ECC DDRII 533/400SDRAM in 4 DIMM sockets	4 GB Unbuffered ECC /non-ECC DDRII 533/400SDRAM in 4 DIMM sockets	4 GB Unbuffered ECC /non-ECC DDRII 533/400SDRAM in 4 DIMM sockets
1 64-bit PCI-X 133MHz	1 64-bit PCI-X 133MHz	1 64-bit PCI-X 133MHz	1 64-bit PCI-X 133MHz
Intel® ICH6R for 4 S# RAID 0, 1, 10 supported	Intel® ICH6R for 4 S# RAID 0, 1 supported (2 drives support for this model)	Intel® ICH6R for 4 S# RAID 0, 1 supported (1 x 3.5" or 2 x 2.5" drives support for this model)	Intel® ICH6R for 4 S# RAID 0, 1 supported (2 drives support for this model)
N/A	N/A	N/A	N/A
Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics	Dual Broadcom BCM5721 PCI-express Ethernet controller Integrated server quality graphics
IPMI 2.0 socket SUPER® Doctor I Watch Dog	IPMI 2.0 socket SUPER® Doctor I Watch Dog	IPMI 2.0 socket SUPER® Doctor II Watch Dog	IPMI 2.0 socket SUPER® Doctor II Watch Dog
1.6 TB	800 GB	400GB	400GB
4 x 3.5" hot-swap Serial ATA drive bays	2 x 3.5" hot-swap SATA drive bays	1 x 3.5" fixed or 2 x 2.5" optional fixed SATA drive bays	1 x 3.5" fixed SATA/IDE drive bay
1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy drive	N/A	1 slim CD-ROM drive 1 slim floppy drive
300W	260W	260W	260W
3 x 4cm high performance fans w/optimal fan speed control & shroud	2 x 10cm heavy-duty blowers w/optimal fan speed control & shroud	1 x 10cm heavy-duty blower w/optimal fan speed control & air shroud	1 x 10cm heavy-duty blower w/optimal fan speed control & air shroud
1U Rackmount 437 x 44 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 427 x 43 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 424 x 43 x 356mm (16.7" x 1.7" x 14")	Mini 1U Rackmount 424 x 43 x 356mm (16.7" x 1.7" x 14")



	SuperServer 5013C-M8/MT	SuperServer 5013C-T/i	SuperServer 5013C-M
PROCESSOR SUPPORT	Intel® Pentium® 4 PGA478 up to 3.4G 800/533MHz FSB	Intel® Pentium® 4 PGA478 up to 3.4G 800/533MHz FSB	Intel® Pentium® 4 PGA478 up to 3.4G 800/533/400MHz FSB
KEY APPLICATIONS	NAS storage, file server, e-mail server, web server for small businesses & other server applications	File/print server, firewall applications, mail server, web server for small businesses & other server applications	File/print server, firewall applications, client nodes, mail server, web server for small business applications
OUTSTANDING FEATURES	4 SCA w/SAF-TE/4 SATA drive bays 1 PCI-X 66MHz slots 4 GB DDR SDRAM 2 Gigabit Ethernet ports Front USB 2.0 & serial ports 1 External SCSI port (5013C-M8 only)	2 SATA hot-swap/fixed IDE drive bays 4 GB dual-channel DDR SDRAM 2 Gigabit Ethernet ports Slim 1U cost-effective solution	Optimized for shallow racks 1 PCI-X 66MHz slot 4 GB DDR SDRAM 2 Gigabit Ethernet ports Front USB 2.0 ports
CHIPSET/SERVERBOARD™	5013C-M8: Intel® E7210/SUPER® P4SC8 5013C-MT: Intel® E7210/SUPER® P4SCT+	Intel® E7210/SUPER® P4SCE	Intel® E7210/SUPER® P4SCi
SYSTEM MEMORY (Max.)	4 GB Dual-channel DDR ECC, non-ECC DDR 400/333/266 SDRAM in 4 DIMM sockets	4 GB Dual-channel DDR ECC, non-ECC DDR 400/333/266 SDRAM in 4 DIMM sockets	4 GB ECC Unb. DDR400/333 SDRAM (2-channel memory)
EXPANSION SLOTS	1 64-bit PCI-X 66MHz	1 32-bit PCI 33 MHz	1 64-bit PCI-X 66MHz
ONBOARD SCSI/SATA/IDE/SATA RAID	5013C-M8: Adaptec AIC-810 for 4 SATA 5013C-MT: Adaptec 7902 2-CH U320 SCSI	5013C-T: Intel® ICH5 SATA support 2 SATA ports; RAID, 1 supported 5013C-i: ATA/100 IDE	2 SATA port for 1 drive/ATA/100 IDE (2 drives support for this model)
ZERO CHANNEL RAID (ZCR) SUPPORT	5013C-MT: AOC-2020SAH1 5013C-M8: AOC-LPZCR1	N/A	N/A
ONBOARD LAN/VGA	Intel® 82547GI CSA Gigabit Ethernet Intel® 82541 Gigabit Ethernet ATI® Rage XL 8MB PCI graphics controller	Dual Gigabit LAN with two Intel® 82541 Ethernet controllers ATI® Rage XL 8 MB PCI graphics controller	Intel® 82547GI CSA Gigabit Ethernet & Intel® 82541 Gigabit Ethernet ATI® Rage XL 8MB PCI graphics
MANAGEABILITY	SUPER® Doctor III, Watchdog	SUPER® Doctor III, Watchdog	SUPER® Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	5013C-MT: 1.2 TB 5013C-M8: 1.6 TB	5013C-T: 800GB 5013C-i: 600GB	SATA: 400GB IDE: 300GB
DRIVE BAYS	5013C-MT: 4 x 3.5" hot-swap SATA drive bays 5013C-M8: 4 x 3.5" hot-swap Ultra 320 SCA drive bays (SAF-TE compliant)	5013C-T: 2 x 3.5" hot-swap SATA drive bays 5013C-i: 2 x 3.5" IDE drive bays	1 x 3.5" internal drive bay
PERIPHERAL BAYS	1 slim CD-ROM drive	1 floppy drive 1 slim CD-ROM drive	1 slim floppy drive 1 slim CD-ROM drive
POWER SUPPLY	300W	250W	260W
COOLING SYSTEM	3 x 4cm high performance fans	2 x 10cm heavy-duty blowers & air shroud	1 x 10cm heavy-duty blower
FORM FACTOR	1U Rackmount 437 x 43 x 503mm (17.2" x 1.7" x 19.8")	1U Rackmount 427 x 43 x 574mm (16.8" x 1.7" x 22.6")	Mini 1U Rackmount 424 x 43 x 356mm (16.7" x 1.7" x 14")

**Dual-core Xeon 5000/5100
16 FB-DIMM**

**Dual-core Xeon 5000/5100
16 FB-DIMM**

**Dual-core Xeon 5000/5100
16 FB-DIMM**



SuperServer 5013G-M

SuperServer 6025B-8R+

SuperServer 6025B-TR+

SuperServer 6025B-3

<p>Intel® Pentium® up to 3.06GHz 533/400MHz FSB</p>	<p>Dual-Core Intel® Xeon™ Process: 5000/5100 series (LGA 771)</p>	<p>Dual-Core Intel® Xeon™ Process: 5000/5100 series (LGA 771)</p>	<p>Dual-Core Intel® Xeon™ Process: 5000/5100 series (LGA 771)</p>
<p>File/print server, firewall applications, mail server, web server for small businesses & other server applications</p>	<p>Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering</p>	<p>Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering</p>	<p>Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering</p>
<p>Optimized for shallow racks 2 Gigabit Ethernet controllers Front side USB 2.0 ports Slim 1U cost-effective solution</p>	<p>8 2-channel SCA drive bays with SATA 6 PCI-X & PCI Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports 1 serial port & 2 USB 2.0 ports SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 700W redundant high-efficiency power</p>	<p>6 SATA drive bays with SGPIO 6 PCI-X & PCI Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports 1 serial port & 2 USB 2.0 ports SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 700W redundant high-efficiency power</p>	<p>8 SAS/SATA drive bays with SES2 6 PCI-X & PCI Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports 1 serial port & 2 USB 2.0 ports SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 560W high-efficiency power supply</p>
<p>Intel® 845GE/SUPER® P4SGE</p>	<p>Intel® 5000/SUPER® X7DB+</p>	<p>Intel® 5000/SUPER® X7DB+</p>	<p>Intel® 5000/SUPER® X7DB</p>
<p>2 GB Unb. DDR333/266/200 SDRAM in 2 DIMM sockets</p>	<p>64 GB Fully-Buffered DIMM (FBD) DDR2 667/533 in 16 DIMM sockets</p>	<p>64 GB Fully-Buffered DIMM (FBD) DDR2 667/533 in 16 DIMM sockets</p>	<p>32 GB Fully-Buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets</p>
<p>1 32-bit, PCI 33 MHz</p>	<p>2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)</p>	<p>2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)</p>	<p>2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)</p>
<p>ATA/100 IDE</p>	<p>AdapteC® 7902W 2-channel Ultra320 S Intel® ESB2 for 6 SATA (3 Gb RAID 0, 1, 5, 0</p>	<p>Intel® ESB2 for 6 SATA (3 Gb RAID 0, 1, 5, 0</p>	<p>AdapteC® 9410W for 8 SAS/SAT Intel® ESB2 for 6 SATA (3 Gb RAID 0, 1, 5, 0</p>
<p>N/A</p>	<p>AOC-LPZCR1 or AOC-LPZCR2</p>	<p>N/A</p>	<p>AOC-LPZCR2</p>
<p>Dual Gigabit LAN with two Intel® 82540EM Ethernet controllers Intel® Extreme Graphics accelerator onboard-chip</p>	<p>Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphic controller</p>	<p>Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphic controller</p>	<p>Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphic controller</p>
<p>SUPER® Doctor III, Watch Dog</p>	<p>SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog</p>	<p>SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog</p>	<p>SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watch Dog</p>
<p>300GB</p>	<p>2.4 TB</p>	<p>2.4 TB</p>	<p>1.18 TB</p>
<p>1 x 3.5" internal drive bay</p>	<p>8 x 3.5" dual-channel (4+4) hot-swap Ultra320 SCA drive bays w/SATA- & 1 x 3.5" drive bays</p>	<p>6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 3.5" spare SATA drive bays & 1 x 3.5" drive bay</p>	<p>8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 1 x 5.25" drive bay</p>
<p>1 slim floppy drive 1 slim CD-ROM drive</p>	<p>1 slim DVD-ROM drive</p>	<p>1 slim DVD-ROM drive</p>	<p>1 slim DVD-ROM drive</p>
<p>200W</p>	<p>700W redundant high-efficiency power supply with 1 C built-in</p>	<p>700W redundant high-efficiency power supply with 1 C built-in</p>	<p>560W high-efficiency</p>
<p>1 x 10cm heavy-duty blower</p>	<p>3 x 8cm heavy-duty fans w/optimal fan speed control & air shroud</p>	<p>3 x 8cm heavy-duty fans w/optimal fan speed control & air shroud</p>	<p>3 x 8cm heavy-duty counter-rotating fan w/optimal fan speed control & air shroud</p>
<p>Mini 1U Rackmount 424 x 43 x 356 mm (16.7" x 1.7" x 14")</p>	<p>2U Rackmount 483 x 89 x 645mm (19.35" x 25.5")</p>	<p>2U Rackmount 483 x 89 x 645mm (19" x 3.5" x 25.5")</p>	<p>2U Rackmount 483 x 89 x 645mm (19" x 3.5" x 25.5")</p>

SUPERMICR
Server
Solutions

Dual-core Xeon 5000/5100



Dual-core Xeon 5000/5100



SAS w/SES2



	SuperServer 6025B-8	SuperServer 6025B-T	SuperServer 6024H-32R
PROCESSOR SUPPORT	Dual-Core Intel® Xeon™ Processors 5000/5100 series (LGA 771)	Dual-Core Intel® Xeon™ Processors 5000/5100 series (LGA 771)	Dual Intel® 64-bit Xeon up to 800MHz 800MHz FSB (Dual-core support)
KEY APPLICATIONS	Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering
OUTSTANDING FEATURES	6 SCA drive bays with SAF-TE 6 PCI-X & PCIe Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 550W power supply	6 SATA drive bays with SGPIO 6 PCI-X & PCIe Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 550W power supply	6 SAS/SATA drive bays w/SES2 6 PCI-X & PCIe Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 500W redundant power supply
CHIPSET/SERVERBOARD™	Intel® 5000B SUPER® X7BE	Intel® 5000B SUPER® X7BF	Intel® E752G SUPER® X6H3-G2
SYSTEM MEMORY (Max.)	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz (all are low-profile slots)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI (all are low-profile slots)
ONBOARD SCSI/SATA/IDE/SATA RAID	Adaptec® 7902W 2-channel Ultra320 S Intel® ESB2 for 6 SATA (3 Gb/s) RAID 0, 1, 5, 10	Intel® ESB2 for 6 SATA (3 Gb/s) RAID 0, 1, 5, 10	Adaptec® 9410 for 8 SAS/SATA (3 Gbps) Intel® 6300ESB for 2 SATA; RAID 0, 1, 5, 10
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR1 or AOC-LPZCR2	N/A	AOC-LPZCR2
ONBOARD LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82541PI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watchdog	SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watchdog	IPMI 2.0 socket SUPER® Doctor II Watch Dog
INTERNAL STORAGE (Max.)	1.8 TB	2.4 TB	882 GB
DRIVE BAYS	6 x 3.5" hot-swap Ultra320 SCA drive bays with SAF-TE & 1 x 5.25" drive bay	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) 1 x 5.25" drive bay	6 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 1 x 5.25" drive bay
PERIPHERAL BAYS	1 slim DVD-ROM drive 1 floppy drive	1 slim DVD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive
POWER SUPPLY	550W	550W	500W redundant power supply w/I²C built-in
COOLING SYSTEM	4 x 8cm heavy duty fans w/variable speed control & air shroud	4 x 8cm heavy duty fans w/variable speed control & air shroud	4 x 8cm heavy duty fans w/variable speed control & air shroud
FORM FACTOR	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")

SAS w/SES2



SuperServer 6024H-32	SuperServer 6024H-82R +	SuperServer 6024H-82R	SuperServer 6024H-82 +
Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB (Dual-core support)	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB (Dual-core support)	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB (Dual-core support)
Business critical applications, front-end server, database applications, primary server for midsize companies, Intranet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsize companies, Intranet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsize companies, Intranet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsize companies, Intranet, e-business, server clustering
6 SAS/SATA drive bays w/SES2 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 550W power supply	6 SCA drive bays w/SAF-TE 3 PCI-X 133/100MHz 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W redundant power supply	6 SCA drive bays w/SAF-TE 3 PCI-X 133/100MHz 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W redundant power supply	6 SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 550W power supply
Intel® E7520 SUPER X6H3-G2	Intel® E7520 SUPER X6H8-G2	Intel® E7520 SUPER X6H8-G2	Intel® E7520 SUPER X6H8-G2
16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIM sockets (2-way interleaved memory)
1 64-bit PCI-X 33MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI (all are low-profile slots)	1/2 64-bit PCI-X 133/100MHz (full-height riser card installed)	1/2 64-bit PCI-X 133/100MHz (full-height riser card installed)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI-Express x4 (all are low-profile slots)
Adaptec® 9410 for 8 SAS/SATA (bps) Intel® 6300ESB for 2 SATA; RAID 0,	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID
AOC-LPZCR2	N/A	N/A	AOC-LPZCR1
Dual LAN with Intel® 82541PI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor II Watch Dog	IPMI 2.0 socket SUPER Doctor II Watch Dog
882 GB	1.8 TB	1.8 TB	1.8 TB
6 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 1 x 5.25" drive bay	6 x 3.5" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6 x 3.5" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6 x 3.5" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay
1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive
550W	500W redundant power supply w/1°C built-in	500W redundant power supply w/1°C built-in	550W
4 x 8cm heavy-duty fans w/opt fan speed control & air shroud	4 x 8cm heavy-duty fans w/opt fan speed control & air shroud	4 x 8cm heavy-duty fans w/opt fan speed control & air shroud	4 x 8cm heavy-duty fans w/opt fan speed control & air shroud
2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")



	SuperServer 6024H-82	SuperServer 6024H-8R	SuperServer 6024H-TR/T
PROCESSOR SUPPORT	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB
KEY APPLICATIONS	Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering
OUTSTANDING FEATURES	6 SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 550W power supply	6 SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 16/32 GB DDR 33/266 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 500W redundant power supply	6 SATA drive bays 6 PCI-X & PCI Express 16/32 GB DDR33/266 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 500W redundant/550W power supply
CHIPSET/SERVERBOARD™	Intel® E7520 SUPER® X6DH8-G2	Intel® E7520 SUPER® X6DH8-G	Intel® E7520 SUPER® X6DHT-G
SYSTEM MEMORY (Max.)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)
EXPANSION SLOTS	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI-Express x4 (all are low-profile slots)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI (all are low-profile slots)	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI Express x8 1 PCI (all are low-profile slots)
ONBOARD SCSI/SATA/IDE/SATA RAID	Adaptec® 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0,	Adaptec® 7902 2-channel Ultra320 SCSI Intel® 6300ESB for 2 SATA; RAID	Adaptec® 8140 or 8 SATA Intel® 6300ESB for 2 SATA; RAID
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR2 or AOC-LPZCR1	AOC-LPZC2 or AOC-LPZCR1	AOC-LPZCR1
ONBOARD LAN/VGA	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82541GI Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller
MANAGEABILITY	IPMI 2.0 socket SUPER® iDoc III, Watch Dog	IPMI 2.0 socket SUPER® iDoc III, Watch Dog	IPMI 2.0 socket SUPER® iDoc III, Watch Dog
INTERNAL STORAGE (Max.)	1.8 TB	1.8 TB	2.4 TB
DRIVE BAYS	6 x 3.5" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6 x 3.5" hot-swap Ultra320/160 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	6 x 3.5" hot-swap SATA drive bays & 1 x 5.25" drive bay
PERIPHERAL BAYS	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive
POWER SUPPLY	550W	500W redundant power supply w/ T° C built-in	6024H-TR500W redundant power w/ I C 6024H-T550W
COOLING SYSTEM	4 x 8cm heavy-duty fans w/ opt fan speed control & air shroud	4 x 8cm heavy-duty fans w/ opt fan speed control & air shroud	4 x 8cm heavy-duty fans w/ opt fan speed control & air shroud
FORM FACTOR	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.7" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")

itanium 2



SuperServer 6024H-i2	SuperServer 6024H-i	SuperServer 6123L-8R/iR	SuperServer 6023P-8R/8
Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® Itanium® 2 up to 1.50G 400MHz FSB	Dual Intel® 64-bit Xeon up to 3.0GHz 533/400MHz FSB
Business critical applications, front-end server, database applications, primary server for midsized companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsized companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsized companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsized companies, Internet, e-business, server clustering
6 fixed drive bays 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 550W power supply	6 fixed drive bays 6 PCI-X & PCI Express 16/32 GB DDR333/266 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 550W power supply	6 SCA/fixed drive bays w/SAF-TE 3 PCI-X 133MHz 16 GB DDR 200 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket 500W redundant power supply Front USB 2.0 port	6 SCA drive bays w/SAF-TE 6 low-profile PCI-X 133/100/66MHz 16 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 400W redundant power supply
Intel® E7520 SUPER X6HE-G2	Intel® E7520 SUPER X6HE-C	6123L8R Intel® E8870/SUPER i2DMI8G2 6123LiR Intel® E8870/SUPER i2DMI4G2	Intel® E7501 SUPER X5DB-G2
16 GB ECC Reg.DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)	16 GB ECC Reg.DDR 200 SDRAM in 8 DIMM sockets (4-way interleaved memory)	16 GB ECC Reg.DDR266/200 SDRAM in 8 DIMM sockets (2-way interleaved memory)
1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI-Express x4 (all are low-profile slots)	1 64-bit PCI-X 133/100MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI (all are low-profile slots)	3 64-bit PCI-X 133/100MHz (full-height riser installed)	Total of 6 PCI slots (all are low-profile slots) Max. up to 2 64-bit PCI-X 133MHz Default setting: 3 64-bit PCI-X 100MHz 3 64-bit PCI-X 66MHz
Intel® ICH5R for 2 SATA RAID 0, 1 supported	Intel® 6300ESB for 2 SATA RAID 0, 1 supported	6123L-8R: Dual-channel Ultra320 SCSI RAID 0, 1 supported 6123L-iR: ATA/100 IDE	Adaptec® 7902 2-channel Ultra320 SCSI
N/A	N/A	N/A	AOC-LPZCR1
Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82541GI Gigabit Ethernet controllers ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546EB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546EB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller
IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor II Watch Dog	IPMI 2.0 socket SUPER Doctor II Watch Dog
1.8 TB	1.8 TB	1.8 TB	1.8 TB
6 x 3.5" fixed drive bays & 1 x 5.25" drive bay	6 x 3.5" fixed drive bays & 1 x 5.25" drive bay	6123L-8R: 6 x 3.5" hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay 6123L-iR: 6 x 3.5" fixed bays & 1 x 5.25" drive bay	6 x 3.5" hot-swap Ultra320/160QSC drive bays (SAF-TE compliant) & 1 x 5.25" drive bay
1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive	1 slim CD-ROM drive 1 floppy drive
550W	550W	500W redundant w/1 C built-in	6023P-8R: 400W redundant 6023P-8: 400W
4 x 8cm heavy-duty fans w/opt fan speed control & air shroud	4 x 8cm heavy-duty fans w/opt fan speed control & air shroud	4 x 8cm hot-swap redundant cooling & air shroud	4 x 8cm hot-swap redundant cooling
2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")

SUPERMICR
Server
Solutions

Dual-core Pentium



Dual-core Pentium



**Dual-core Xeon 5000/5100
16 FB-DIMM**



	SuperServer 5025M-4	SuperServer 5025M-i	SuperServer 6035B-8R+
PROCESSOR SUPPORT	Intel Pentium D, Pentium Extreme Pentium 4 up to 3.80GHz/Celeron I 1066/800/533/400MHz FSB (LGA 775 socket)	Intel Pentium D, Pentium Extreme Pentium 4 up to 3.80GHz/Celeron I 1066/800/533/400MHz FSB (LGA 775 socket)	Dual-Core Intel Xeon Processor 5000/5100 series (LGA 771)
KEY APPLICATIONS	Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering	Business critical applications, front-end server, database applications, primary server for midsize companies, Internet, e-business, server clustering	Enterprise server, large database, e-business, internet, online transaction processing, business critical applications
OUTSTANDING FEATURES	6 SCA drive bays 5 PCI-X, PCI-Express & PCI 8 GB DDRII 6733 DRAM 2 PCI-Express Gigabit Ethernet ports Low-profile IPMI 2.0 slot w/3rd LAN 400W power supply	4 SATA drive bays 5 PCI-X, PCI-Express & PCI 8 GB DDRII 6733 DRAM 2 PCI-Express Gigabit Ethernet ports Low-profile IPMI 2.0 slot w/3rd LAN 400W power supply	100% cooling redundancy 16 2-CH (8+8) SCA drive bays (SAF-TE) 6 PCI-X & PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM remote) (KVM) 800W high-efficiency redundant power
CHIPSET/SERVERBOARD™	Intel E7230 SUPER PDM4	Intel E7230 SUPER PDSM	Intel 5000 SUPER X7B8+
SYSTEM MEMORY (Max.)	8GB ECC Unb. ECC non-ECC DDRII 677/533/400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	8GB ECC Unb. ECC non-ECC DDRII 677/533/400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	64 GB Fully-Buffered DIMM (FBD) DIMM 667/533 in 16 DIMM sockets
EXPANSION SLOTS	2 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-Express x4 (all are low-profile slots)	2 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-Express x4 (all are low-profile slots)	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz
ONBOARD SCSI/SATA/IDE/SATA RAID	Adaptec Ultra320 SCSI Intel ICH7R for 4 SATA (3 Gbps) RAID 0, 1, 5, 0	Intel ICH7R for 4 SATA (3 Gbps): RAID 0, 1, 5, 0	Adaptec 7902W 2-channel Ultra320 SCSI Intel ESB2 for 6 SATA (3 Gt) RAID 0, 1, 5, 0
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR1	N/A	AOC-LPZCR1 or AOC-LPZCR2
ONBOARD LAN/VGA	Dual LAN with Intel 82573 PCI-Express Gigabit Ethernet controller ATP Rage XL 8MB PCI graphics controller	Dual LAN with Intel 82573 PCI-Express Gigabit Ethernet controller ATP Rage XL 8MB PCI graphics controller	Dual LAN with Intel 82563EB Gigabit Ethernet controller ATP ES1000 16MB PCI graphics controller
MANAGEABILITY	Low-profile IPMI 2.0 w/3rd LAN support SUPER Doctor III, Watchdog	Low-profile IPMI 2.0 w/3rd LAN support SUPER Doctor III, Watchdog	SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM remote) (KVM) SUPER Doctor III, Watchdog
INTERNAL STORAGE (Max.)	1.8 TB	1.6 TB	4.8 TB
DRIVE BAYS	6 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 1 x 5.25" drive bay	4 x 3.5" SATA drive bays & 1 x 5.25" drive bay	16 x 3.5" dual-channel (8+8) hot-swap Ultra320 SCA drive bays with SAF-TE
PERIPHERAL BAYS	1 slim CD-ROM drive 1 floppy drive	1 slim CD-ROM drive 1 floppy drive	1 slim DVD-ROM drive
POWER SUPPLY	400W	400W	800W redundant high-efficiency power supply with I C built-in
COOLING SYSTEM	4 x 8cm hot-swap redundant cooling fans	4 x 8cm hot-swap redundant cooling fans	5 x 8cm heavy duty fans w/variable speed control & air shroud; 100% airflow redundancy
FORM FACTOR	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	2U Rackmount 427 x 89 x 650mm (16.8" x 3.5" x 25.6")	3U Rackmount 483 x 132 x 645mm (19" x 5.2" x 25.5")

Dual-core Xeon 5000/5100

Dual-core Xeon 5000/5100

100% cooling redundancy



SuperServer 6035B-8R

SuperServer 6035B-8

SuperServer 6034H-X8R

SuperServer 6033P-8R

Dual-Core Intel® Xeon® Processors 5000/5100 series (LGA 771)	Dual-Core Intel® Xeon® Processors 5000/5100 series (LGA 771)	Dual Intel® 64-bit Xeon® up to 3.8 800MHz FSB	Dual Intel® Xeon® up to 3.20 533/400MHz FSB
Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications	Enterprise server, large database, e-business, internet, on-line transaction processing, business critical applications
100% cooling redundancy 8 2-channel SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 760W triple redundant power supply	100% cooling redundancy 8 2-channel SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 550W power supply	100% cooling redundancy 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W	8 SCA drive bays w/SAF-TE 6 PCI-X 133/100MHz 16 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W
Intel® 5000E SUPER® X7BE	Intel® 5000E SUPER® X7BE	Intel® E7520 SUPER® X6H8-XG	Intel® E7501 SUPER® X5D8-Gz
32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDR 266/200 SDRAM in 8 DIMM sockets (2-way interleaved memory)
2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	3 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-Express x8 (single x16 slot)	Total of 6 PCI-X (all full-length slots) Max. up to 2 PCI-X 133MHz Default setting: 3 PCI-X 100MHz 3 PCI-X 6MHz
Adapteç 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gb/s) RAID 0, 1, 5, 10	Adapteç 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gb/s) RAID 0, 1, 5, 10	Adapteç 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA RAID 0, 1 supported	Adapteç 7902 2-channel Ultra320 SCSI
AOC-LPZCR1 or AOC-LPZCR2	AOC-LPZCR1 or AOC-LPZCR2	AOC-LPZCR1	AOC-LPZCR1
Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATP ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATP ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATP Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATP Rage XL 8MB PCI graphics controller
SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watchdog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watchdog	IPMI 2.0 socket SUPER® Doctor I Watch Dog	IPMI 2.0 socket SUPER® Doctor I Watch Dog
2.4 TB	2.4 TB	2.4 TB	2.4 TB
8 x 3.5" dual-channel (4+4) hot-swap Ultra320 SCA drive bays w/SAF-TE & 2 x 5.25" drive bay	8 x 3.5" dual-channel (4+4) hot-swap Ultra320 SCA drive bays w/SAF-TE & 2 x 5.25" drive bay	8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 3.5" drive bays	8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 3.5" drive bays
1 slim DVD-ROM drive 1 floppy drive	1 slim DVD-ROM drive 1 floppy drive	1 floppy drive 1 slim CD-ROM drive	1 floppy drive 1 slim CD-ROM drive
Triple redundant power supply (760W + 380W) w/ P2 C built-in	550W	Triple redundant power supply (760W + 380W) w/ P2 C built-in	Triple redundant power supply (760W + 380W) w/ P2 C built-in
4 x 9cm & 2 x 8cm hot-swap redundant cooling fans w/ optimal fan speed control & air shroud; 100% cooling redundancy	4 x 9cm & 2 x 8cm hot-swap redundant cooling fans w/ optimal fan speed control & air shroud; 100% cooling redundancy	4 x 9cm & 2 x 8cm hot-swap redundant cooling fans w/ optimal fan speed control & air shroud	4 x 9cm & 2 x 8cm hot-swap redundant cooling fans w/ optimal fan speed control & air shroud
3U Rackmount 449 x 132 x 648mm (17.7 x 5.2" x 25.5")	3U Rackmount 449 x 132 x 648mm (17.7 x 5.2" x 25.5")	3U Rackmount 449 x 132 x 648mm (17.7 x 5.2" x 25.5")	3U Rackmount 449 x 132 x 648mm (17.7 x 5.2" x 25.5")



SuperWorkstation 7034A-TB2 SuperWorkstation 7034A-i SuperWorkstation 7033A-T

PROCESSOR SUPPORT	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® Xeon up to 3.20GHz 533/400MHz FSB
KEY APPLICATIONS	High-end workstation, business critical applications, front-end server, video server	High-end workstation, business critical applications, front-end service server	High-end workstation, business critical applications, front-end service server
OUTSTANDING FEATURES	SuperQuiet Mode 4 SATA hot-swap drive bays 4 PCI-X/PCI Express 12 GB DDRII 400 SDRAM Gigabit Ethernet port Front USB 2.0 ports 645W power supply	SuperQuiet Mode 4 fixed drive bays 6 PCI-X & PCI Express 12/24 GB DDR33/266 SDRAM Gigabit Ethernet port Front USB 2.0 ports 645W power supply	4 SATA hot-swap drive bays 1 8xAGP Pro 1.5V slots 2 Gigabit Ethernet ports Front side USB 2.0 ports Low-noise 450W power with redundant cooling fans
CHIPSET/SERVERBOARD™	Intel® E7525 SUPER® X6DAL-TB2	Intel® E7525 SUPER® X6DAL-G	Intel® E7505 SUPER® X5DAL-TG2
SYSTEM MEMORY (Max.)	12 GB ECC Reg. DDRII 400 SDRAM in 6 DIMM sockets (2-way interleaved memory)	12/24 GB ECC Reg. DDR 333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)	8 GB buffered & Unb. ECC, non-ECC DDR 266/200 SDRAM in 4 DIMMs (2-way interleaved memory)
EXPANSION SLOTS	1 PCI-Express x1 1 64-bit PCI-X 66MHz 2 PCI 33MHz	2 64-bit PCI-X 66MHz 2 PCI 33MHz 1 PCI-Express x1 1 PCI-Express x8	1 8xAGP Pro 1.5V 1 64-bit PCI-X 133MHz 1 64-bit PCI 66MHz 2 32-bit PCI
ONBOARD SCSI/SATA/IDE/SATA RAID	Adaptec® 8130 or 4 SATA Intel® 6300ESB for 2 SATA; RAID	Intel® 82541 Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Two Silicon 3112A controllers for SATA ports; RAID 0, 1
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR1	N/A	RAID 0, 1, 5 with Zero Channel RAID (ZCRINT) supported
ONBOARD LAN/VGA	Dual LAN w/Broadcom 5721 PCI-Express Gigabit Ethernet	Dual LAN w/Broadcom 5721 PCI-Express Gigabit Ethernet	Dual LAN with Intel 82546EB Gigabit Ethernet controller
MANAGEABILITY	SUPER® Doctor III, Watch Dog	SUPER® Doctor, Watch Dog	SUPER® Doctor III, Watch Dog
INTERNAL STORAGE (Max.)	1.6 TB	1.2 TB	1.6 TB
DRIVE BAYS	4 x 3.5" hot-swap Serial ATA drive bays & 2 x 5.25" drive bays	4 x 3.5" fixed & 2 x 5.25" drive bays	4 x 3.5" hot-swap Serial ATA drive bays & 2 x 5.25" drive bay
PERIPHERAL BAYS	1 floppy drive	1 floppy drive	1 floppy drive
POWER SUPPLY	645W w/low-noise fan speed control	645W w/low-noise fan speed control	Thermal controlled low-noise 450W power supply w/redundant cooling fans
COOLING SYSTEM	1 x 12cm & 1 9cm 4-pin Pulse Width Modulated (PWM) fan* w/optimal fan speed control	1 x 12cm & 1 9cm 4-pin Pulse Width Modulated (PWM) fan* w/optimal fan speed control	1 x 12cm exhaust thermal fan & 1 x 9cm thermal cooling fan
FORM FACTOR	Workstation 178 x 434 x 544mm (7" x 17.1" x 21.4")	Workstation 178 x 434 x 544mm (7" x 17.1" x 21.4")	Workstation 178 x 447 x 544mm (7" x 17.6" x 21.4")

Dual-core Pentium



Dual-core Pentium



**Dual-core Xeon 5000/5100
16 FB-DIMM**



**Dual-core Xeon 5000/5100
16 FB-DIMM**



SuperWorkstation 5035G-T

SuperWorkstation 5033C-T

SuperServer 7045B-8R+

SuperServer 7045B-TR+

Intel® Pentium® D, Pentium® Extreme, Pentium® Extreme Edition up to 3.80GHz (1066/800/533/400MHz FSB) (LGA775)	Intel® Pentium® 4 up to 3.4GHz (800/533/400MHz FSB)	Dual-Core Intel® Xeon™ Processors 5000/5100 series (LGA 771)	Dual-Core Intel® Xeon™ Processors 5000/5100 series (LGA 771)
Server for small business, high-end workstation, 2D/3D & CAD applications	Server for small business, high-end workstation, 2D/3D & CAD applications	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS
4 SATA hot-swap drive bays 8 GB DDRII SDRAM 1 PCI-Express slot PCI-Express Gigabit Ethernet port Front side USB 2.0 ports Low-noise 450W power supply with redundant cooling fans	4 SATA hot-swap drive bays 4 GB DDR SDRAM 1 8xAGP Pro 1.5V slots 2 Gigabit Ethernet ports Front side USB 2.0 ports	100% cooling redundancy 8 2-channel SCA drive bays with SATA-SE 6 PCI-X & PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM over LAN) 800W redundant high-efficiency power	100% cooling redundancy 6 SATA drive bays with SGPIO 6 PCI-X & PCI-Express 64 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM over LAN) 800W redundant high-efficiency power
Intel® 955X SUPER PDS E	Intel® 875 SUPER P4S C+I	Intel® 5000 SUPER X7B8+	Intel® 5000 SUPER X7BE+
8 GB ECC Unb. DDRII 667/533/400 SDRAM in 4 DIMs (2-way interleaved memory)	4 GB ECC Unb. DDR 400/333 SDRAM (2-way interleaved memory)	64 GB Fully-Buffered DIMM (FBDDRII 667/533 in 16 DIMM sockets)	64 GB Fully-Buffered DIMM (FBDDRII 667/533 in 16 DIMM sockets)
1 PCI-Express x1 1 PCI-Express x1 2 64-bit PCI-X 133MHz 3 32-bit PCI-X 33MHz	1 8xAGP Pro 1.5V 3 64-bit PCI-X 66MHz 2 32-bit PCI-X 33MHz	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz
Intel® ICH7R for 4 SATA (3 Gb/s RAID 0, 1, 5, 0)	Adaptec® AIC-8110 controller for 4 SATA ports for 4 drives; RAID 0, 1	Adaptec® 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gb/s RAID 0, 1, 5, 0)	Intel® ESB2 for 6 SATA (3 Gb/s RAID 0, 1, 5, 0)
N/A	AOC-2020SAH2	AOC-LPZCR1 or AOC-LPZCR2	N/A
Intel® 82573V PCI-Express Gigabit Ethernet ATP Rage XL 8MB PCI graphics AC'97 audio CODEC w/high quality 6-channel sound (front-side header)	Intel® 82547G/SA Gigabit Ethernet Intel® 82541 Gigabit Ethernet ATP Rage XL 8MB PCI graphics	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATI® ES1000 16MB PCI graphics controller
SUPER Doctor III, Watch Dog	SUPER Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM over LAN) SUPER Doctor III, Watch Dog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM over LAN) SUPER Doctor III, Watch Dog
1.6 TB	1.6 TB	2.4 TB	2.4 TB
4 x 3.5" hot-swap Serial ATA drive bays & 2 x 5.25" drive bay	4 x 3.5" hot-swap Serial ATA drive bays & 2 x 5.25" drive bay	8 x 3.5" dual-channel hot-swap Ultra320/160 SCA drive bays with SATA-SE & 2 x 5.25" drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) & 2 x 5.25" drive bays
1 floppy drive	1 floppy drive	1 floppy drive	1 floppy drive
Thermal control Low-noise 450W power supply w/redundant cooling fans	350W with thermal control fan	800W redundant high-efficiency power supply with 1 C built-in	800W redundant high-efficiency power supply with 1 C built-in
1 x 12cm exhaust thermal fan & 1 x 9cm thermoboling fan	1 x 12cm exhaust thermal fan & 1 x 9cm thermoboling fan	5 x 8cm heavy duty fans w/variable speed control & air shroud; 100% cooling redundancy	5 x 8cm heavy duty fans w/variable speed control & air shroud; 100% cooling redundancy
Workstation 178 x 447 x 544mm (7" x 17.6" x 21.4")	Workstation 178 x 447 x 544mm (7" x 17.6" x 21.4")	4U Rackmount/Server 483 x 178 x 645mm (19" x 7" x 25.5")	4U Rackmount/Server 483 x 178 x 645mm (19" x 7" x 25.5")

SUPERMICR
Server
Solutions

Dual-core Xeon 5000/5100
100% cooling redundancy



Dual-core Xeon 5000/5100
100% cooling redundancy



100% cooling redundancy



SuperServer 7045B-3

SuperServer 7045B-T

SuperServer 7044H-32R

	SuperServer 7045B-3	SuperServer 7045B-T	SuperServer 7044H-32R
PROCESSOR SUPPORT	Dual-Core Intel® Xeon™ Process: 5000/5100 series (LGA 771)	Dual-Core Intel® Xeon™ Process: 5000/5100 series (LGA 771)	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB
KEY APPLICATIONS	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS
OUTSTANDING FEATURES	100% cooling redundancy 8 SAS/SATA drive bays with SES2 6 PCI-X & PCI Express 32 GB FBDIMM memory 2 Gigabit Ethernet ports SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 650W power supply	100% cooling redundancy 6 SATA drive bays with SGPIO 6 PCI-X & PCI Express 32 GB FBDIMM memory SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) 650W power supply	100% cooling redundancy 8 SAS/SATA drive bays with SES2 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant power supply 760W + 380W
CHIPSET/SERVERBOARD™	Intel® 5000B SUPER® X7BE	Intel® 5000B SUPER® X7BE	Intel® E752G SUPER® X6H3-G2
SYSTEM MEMORY (Max.)	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)
EXPANSION SLOTS	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	2 PCI-Express x8 1 PCI-Express x4 2 PCI-X 133 MHz 1 PCI-X 100 MHz	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI
ONBOARD SCSI/SATA/IDE/SATA RAID	Adaptec® 9410W for 8 SAS/SATA Intel® ESB2 for 6 SATA (3 Gb RAID 0, 1, 5, 0)	Intel® ESB2 for 6 SATA (3 Gb RAID 0, 1, 5, 0)	Adaptec® 9410W for 8 SAS/8 SATA (3 Gbps) Intel® 6300ESB for 2 SATA; RAID 0, 1, 10
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR2	N/A	AOC-LPZCR2
ONBOARD LAN/VGA	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATP ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller ATP ES1000 16MB PCI graphics controller	Dual LAN with Intel® 82541PI Gigabit Ethernet controller ATP Rage XL 8MB PCI graphics controller
MANAGEABILITY	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watchdog	SIMLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER® Doctor III, Watchdog	IPMI 2.0 socket SUPER® Doctor II Watch Dog
INTERNAL STORAGE (Max.)	1.17 TB	2.4 TB	SAS: 1.17 TB SATA: 3.2 TB
DRIVE BAYS	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays	6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) 2 x 5.25" drive bays	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays
PERIPHERAL BAYS	1 floppy drive	1 floppy drive	1 floppy drive
POWER SUPPLY	650W power supply with redundant cooling fan	650W power supply with redundant cooling fan	Triple redundant power supply (760W + 380W) w/ T2 C built-in
COOLING SYSTEM	6 x 8cm hot-swap cooling fans with optimal fan speed control & air shroud; 100% cooling redundancy	6 x 8cm hot-swap cooling fans with optimal fan speed control & air shroud; 100% cooling redundancy	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/ optimal fan speed control & air shroud
FORM FACTOR	4U Rackmount/Tower 437 x 178 x 645mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 645mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")



SuperServer 7044H-82R+	SuperServer 7044H-82R	SuperServer 7044H-82	SuperServer 7044H-TR
Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB (Dual-core support)	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB
Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS
100% cooling redundancy 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W	100% cooling redundancy 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W	100% cooling redundancy 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 650W redundant cooling fans	100% cooling redundancy 8 SATA drive bays 6 PCI-X & PCI Express 16/32 GB DDR33/266 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 650W with redundant cooling fans
Intel® E7520 SUPER X6H8-G2-	Intel® E7520 SUPER X6H8-G2	Intel® E7520 SUPER X6H8-G2	Intel® E7520 SUPER X6HT-C
16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)
1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI-Express x4	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI-Express x4	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI-Express x4	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI
Adaptec 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	Adaptec 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	Adaptec 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	Adaptec AIC-8140 for 8 SATA Intel® 6300ESB for 2 SATA; RAID
AOC-LPZCR1	AOC-LPZCR1	AOC-LPZCR1	AOC-LPZCR1 or AO-2020SA
Dual LAN with Intel® 82546GB Gigab Ethernet controller ATP® Rage XL 8MB PCI graphics card	Dual LAN with Intel® 82546GB Gigab Ethernet controller ATP® Rage XL 8MB PCI graphics card	Dual LAN with Intel® 82546GB Gigab Ethernet controller ATP® Rage XL 8MB PCI graphics card	Dual LAN with Intel® 82541GI Gigab Ethernet controller ATP® Rage XL 8MB PCI graphics card
IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor II Watch Dog	IPMI 2.0 socket SUPER Doctor II Watch Dog
2.4 TB	2.4 TB	2.4 TB	3.2 TB
8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 5.25" drive bays	8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 5.25" drive bays	8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 5.25" drive bays	8 x 3.5" hot-swap SATA drive bays 2 x 5.25" drive bays
1 floppy drive	1 floppy drive	1 floppy drive	1 floppy drive
Triple redundant power supply (760W + 380W) w/ I²C built-in	Triple redundant power supply (760W + 380W) w/ I²C built-in	650W redundant cooling fans	Triple redundant power supply (760W + 380W) w/ I²C built-in
4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud
4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")

SUPERMICR
Server
Solutions



	SuperServer 7044H-T	SuperServer 7044H-X8R	SuperWorkstation 7045A-8
PROCESSOR SUPPORT	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 3.0GHz 800MHz FSB	Dual-Core Intel® Xeon® Process: 5000/5100 sequence
KEY APPLICATIONS	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS	High-end workstation, business critical applications, front-end server, database applications, video server
OUTSTANDING FEATURES	100% cooling redundancy 8 SATA drive bays 6 PCI-X & PCI Express 16/32 GB DDR33/266 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket 650W with redundant cooling fans	100% cooling redundancy 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 16GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W	8 SCA drive bays 6 PCI-X & PCI Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports ZCR support SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM over LAN) Low-noise 645W w/fan speed control
CHIPSET/SERVERBOARD™	Intel® E7520 SUPER X6HT-C	Intel® E7520 SUPER X6H8-XG	Intel® 5000 SUPER X7B8
SYSTEM MEMORY (Max.)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	32 GB Fully-Buffered DIMM (FBD) DDR2 667/533 in 8 DIMM sockets
EXPANSION SLOTS	1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 PCI-Express x8 1 PCI	3 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 1 PCI-Express x8 (sing x16 slot)	1 PCI-Express x16 1 PCI-Express x4 (in x16 slot) 2 PCI-X 133 MHz 1 PCI-X 100 MHz 1 PCI 33 MHz
ONBOARD SCSI/SATA/IDE/SATA RAID	Adaptec AIC-8140 for 8 SATA Intel® 6300ESB for 2 SATA; RAID	Adaptec® 7902-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	Adaptec® 7902W 2-channel Ultra320 SCSI Intel® ESB2 for 6 SATA (3 Gb/s) RAID 0, 1, 5, 10
ZERO CHANNEL RAID (ZCR) SUPPORT	AOC-LPZCR1 or AOC-2020SA	AOC-LPZCR1	AOC-LPZCR1 or AOC-LPZCR2
ONBOARD LAN/VGA	Dual LAN with Intel® 82541GI Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82546GB Gigabit Ethernet controller ATI® Rage XL 8MB PCI graphics controller	Dual LAN with Intel® 82563EB Gigabit Ethernet controller AC'97 audio code high quality 6-channel sound
MANAGEABILITY	IPMI 2.0 socket SUPER Doctor I Watch Dog	IPMI 2.0 socket SUPER Doctor II Watch Dog	SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM over LAN) SUPER Doctor III, Watch D
INTERNAL STORAGE (Max.)	3.2 TB	2.4 TB	2.4 TB
DRIVE BAYS	8 x 3.5" hot-swap SATA drive bays & 2 x 5.25" drive bays	8 x 3.5" hot-swap Ultra320 SCA drive bays (SAF-TE compliant) & 2 x 5.25" drive bays	8 x 3.5" hot-swap Ultra320 SCA drive bays & 2 x 5.25" drive bays
PERIPHERAL BAYS	1 floppy drive	1 floppy drive	1 floppy drive
POWER SUPPLY	650W with redundant cooling fans	Triple-redundant power supply (760W + 380W) w/1°C built-in	645W w/low-noise fan speed control
COOLING SYSTEM	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud	4 x 8cm hot-swap cooling fans & 2 x 8cm exhaust fans w/optimal fan speed control & air shroud	4 x 8cm & 1 9cm 4-pin Pulse Width Modulated (PWM) fans & air shroud
FORM FACTOR	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 648mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 645mm (17.2" x 7" x 25.5")

Dual-core Xeon 5000/5100



**SAS w/SES2
SuperQuiet**



SuperQuiet



SuperWorkstation 7045A-T SuperServer 7044A-82R SuperWorkstation 7044A-32 SuperWorkstation 7044A-82

Dual-Core Intel® Xeon™ Processor 5000/5100 series (LGA 771)	Dual Intel® 64-bit Xeon up to 3.80GHz 800MHz FSB	Dual Dual-core Intel® 64-bit Xeon up to 3.80GHz/800MHz FSB (Dual-Core supported)	Dual Intel® 64-bit Xeon up to 3.80GHz 800MHz FSB
High-end workstation, business critical applications, front-end server, database applications, video server	Mission-critical applications, enterprise server, large database, e-business Internet, on-line transaction processing, NAS, video server	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
6 SATA drive bays with SGPIO 6 PCI-X & PCI Express 32 GB FB-DIMM memory 2 Gigabit Ethernet ports SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) Low-noise 645W w/ fan speed control	Up to 15 SCA drive bays w/SAE-6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports Front side USB ports ZCR supported IPMI 2.0 socket Triple redundant 760W + 380W	SuperQuiet mode 8 SAS/SATA drive bays with SES2 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Low-noise 645W w/fan speed control	SuperQuiet mode 8 SCA drive bays w/SAF-TE 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Low-noise 645W w/fan speed control
Intel® 5000X [®] SUPER [®] X7DE	Intel® E7525 [®] SUPER [®] X6D8-G2	Intel® E7525 [®] SUPER [®] X6D3-G2	Intel® E7525 [®] SUPER [®] X6D8-G2
32 GB Fully-Buffered DIMM (FBD) DDRII 667/533 in 8 DIMM sockets	16 GB ECC Reg.DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg.DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16 GB ECC Reg.DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)
1 PCI-Express 61 1 PCI-Express x4 (in x16 slot) 2 PCI-X 133 MHz 1 PCI-X 100 MHz 1 PCI 33 MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express 61 1 PCI-Express x4 (in x16 slot) 1 PCI 33MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express 61 1 PCI-Express x4 (in x16 slot) 1 PCI 33MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express 61 1 PCI-Express x4 (in x16 slot) 1 PCI 33MHz
Intel® ESB2 for 6 SATA (3 Gb RAID 0, 1, 5, 0)	Adapteç 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID	Adapteç 9410 for 8 SAS/SATA (3 Gbps) Intel® ICH5R for 2 SATA; RAID 0, 1	Adapteç 7902 2-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID
N/A	AOC-LPZCR1	AOC-LPZCR2	AOC-LPZCR1
Dual LAN with hit 82563EB Gigabit Ethernet controller AC'97 audio codec high quality 6-channel sound	Dual LAN with hit 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with hit 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Dual LAN with hit 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound
SIMPLP slot (IPMI 2.0 with virtual media over LAN & optional KVM-over-LAN) SUPER [®] Doctor III, Watch Dog	IPMI 2.0 socket SUPER [®] Doctor I Watch Dog	IPMI 2.0 socket SUPER [®] Doctor II Watch Dog	IPMI 2.0 socket SUPER [®] Doctor II Watch Dog
2.4 TB	1.5 TB	SAS: 1.7 TB SATA: 2.4 TB	2.4 TB
6 x 3.5" hot-swap SATA drive bays with enclosure management (SGPIO) 2 x 3.5" spare SATA drive bays 2 x 5.25" drive bays	5 x 3.5" (up to 15 w/optional M35S) hot-swap Ultra320 SCSI SCA drive bays w/SAF-TE compliant & 6 x 5.25"	8 x 3.5" hot-swap SAS/SATA drive bays with SES2 & 2 x 5.25" drive bays	8 x 3.5" hot-swap Ultra320 SCA drive bays w/SAF-TE & 2 x 5.25"
1 floppy drive	1 floppy drive	1 floppy drive	1 floppy drive
645W w/low-noise fan speed control	Triple redundant power supply (760W + 380W)/P C built-in	645W w/low-noise fan speed control	645W w/low-noise fan speed control
4 x 8cm & 1 x 9cm 4-pin Pulse Width Modulated (PWM) fans ² & air shroud	3 x 12cm hot-swap redundant cooling fans, 1 x 12cm heavy-duty exhaust fan	4 x 4-pin Pulse Width Modulated (PWM) fans* & air shroud	4 x 4-pin Pulse Width Modulated (PWM) fans ² & air shroud
4U Rackmount/Tower 437 x 178 x 645mm (17.2" x 7" x 25.5")	4U Rackmount/Tower 437 x 178 x 625mm (17.2" x 7" x 24.6")	Workstation/4U 437 x 178 x 648mm (17" x 7" x 25.5")	Workstation/4U 437 x 178 x 648mm (17" x 7" x 25.5")

*2Utilizing 4-pin Pulse Width Modulated (PWM) fans for extremely low-noise system operation.



SuperWorkstation 7044A-i2 SuperWorkstation 7044A-8 SuperWorkstation 7044A-i

PROCESSOR SUPPORT	Dual Intel® 64-bit Xeon up to 80GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 80GHz 800MHz FSB	Dual Intel® 64-bit Xeon up to 80GHz 800MHz FSB
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	SuperQuiet mode 8 fixed drive bays 6 PCI-X & PCI Express 16 GB DDRII 400 SDRAM 2 Gigabit Ethernet ports IPMI 2.0 socket Low-noise 645W w/fan speed control	SuperQuiet mode 8 SCA drive bays 6 PCI-X & PCI Express 16/32GB GB DDR333/266 SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 2.0 socket Low-noise 645W w/fan speed control	SuperQuiet mode 8 fixed drive bays 6 PCI-X & PCI Express 16/32 GB DDR333/266 SDRAM Front side USB ports IPMI 2.0 socket Low-noise 645W w/fan speed control
CHIPSET/SERVERBOARD	Intel® E7525 SUPER X6DAE-G2	Intel® E7525 SUPER X6DA8-G	Intel® E7525 SUPER X6DAE-G
SYSTEM MEMORY (Max.)	16 GB ECC Reg. DDRII 400 SDRAM in 8 DIMM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)	16/32 GB ECC Reg. DDR333/266 SDRAM in 8 DIM sockets (2-way interleaved memory)
EXPANSION SLOTS	3 64-bit PCI-X 133/100MHz 1 PCI-Express 61 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express 61 1 PCI-Express x4 (using x16 slot) 1 PCI 33MHz	3 64-bit PCI-X 133/100MHz 1 PCI-Express 61 1 PCI Express x4 (using x16 slot) 1 PCI 33MHz
ONBOARD SCSI/SATA/IDE/SATA RAID	Intel® ICH5R for 2 SATA; RAID 0,	Adapted 7902-channel Ultra320 SCSI Intel® ICH5R for 2 SATA; RAID 0, 1	Intel® ICH5R for 2 SATA; RAID 0, 1
ZERO CHANNEL RAID (ZCR) SUPPORT	N/A	AOC-LPZCR1	N/A
ONBOARD LAN/VGA/AUDIO	Dual LAN with 82546GB Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Intel® 82545GM Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Intel® 82545GM Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound
MANAGEABILITY	IPMI 2.0 socket SUPER I/O Port III, Watch Dog	IPMI 2.0 socket SUPER I/O Port III, Watch Dog	IPMI 2.0 socket SUPER I/O Port III, Watch Dog
INTERNAL STORAGE (Max.)	2.4 TB	2.4 TB	2.4 TB
DRIVE BAYS	8 x 3.5" fixed drive bays & 3 x 5.25" drive bays	8 x 3.5" hot-swap Ultra320 SCSI drive bays & 2 x 5.25"	8 x 3.5" fixed & 2 x 5.25"
PERIPHERAL BAYS	1 floppy drive	1 floppy drive	1 floppy drive
POWER SUPPLY	645W w/low-noise fan speed control	645W w/low-noise fan speed control	645W w/low-noise fan speed control
COOLING SYSTEM	4 x 4-pin Pulsed Width Modulated (PWM) fans* & air shroud	4 x 4-pin Pulsed Width Modulated (PWM) fans* & air shroud	4 x 4-pin Pulsed Width Modulated (PWM) fans* w/optimized fan speed control & air shroud
FORM FACTOR	Workstation/4U 437 x 178 x 648mm (17.2" x 7" x 25.5")	Workstation/4U 437 x 178 x 648mm (17 x 7" x 25.5")	Workstation/4U 437 x 178 x 648mm (17 x 7" x 25.5")



SuperServer 7043P-8R	SuperWorkstation 7043A-i	SuperWorkstation 7043A-8R	SuperServer 8042-8
Dual Intel® Xeon® up to 3.20GHz 533/400MHz FSB	Dual Intel® Xeon® up to 3.20GHz 533/400MHz FSB	Dual Intel® Xeon® up to 3.20GHz 533/400MHz FSB	Quad Intel® Xeon®MP up to 3.00GHz 400MHz FSB
Mission-critical applications, enterprise server, large database, e-business, Internet, on-line transaction processing, NAS	High-end workstation, business critical applications, front-end server, video server	High-end workstation, business critical applications, front-end server, database applications, video server	Mission critical applications, large database, e-business, Internet, on-line transaction processing
4U Rackmountable tower design 10 SCA drive bays w/SAF-TE 16 GB DDR SDRAM 2 Gigabit Ethernet ports ZCR supported IPMI 1.5 socket Front side USB ports Triple redundant 600W + 300W power supply	Workstation design 8xAGP Pro 1.5V slot 12 GB DDR SDRAM 1 Gigabit Ethernet port Front side USB 2.0 ports Low noise 450W power supply with redundant cooling fan	Workstation design 8xAGP Pro 1.5V slot 12 GB DDR SDRAM 1 Gigabit Ethernet port ZCR RAID card supported Front side USB 2.0 ports Triple redundant power supply (600W + 300W)	4-way interleaved memory 32 GB DDR SDRAM ZCR RAID card supported IPMI 1.5 socket Triple redundant hot-plug power supply (700W + 350W)
Intel® E7505 SUPER ® X5DP8-G2	Intel® E7505 SUPER ® X5DAE	Intel® E7505 SUPER ® X5DA8	ServerWorks GC-HS SUPER ® P4QH8
16 GB ECC Reg. DDR266/200 SDRAM in 8 DIMM sockets (2-way interleaved memory)	12 GB ECC Reg & non-ECC or unbuffered DDR266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	12 GB ECC Reg & non-ECC or unbuffered DDR266 SDRAM in 6 DIMM sockets (2-way interleaved memory)	32 GB ECC Reg. DDR200 SDRAM in 16 DIMM sockets (4-way interleaved memory)
Total of 6 PCI-X (all full length) Max. up to 2 PCI-X 133MHz Default setting: 3 PCI-X 100MHz, 3 PCI-X 66MHz	1 8xAGP Pro 1.5V 1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 32-bit PCI	1 8x AGP Pro 1.5V 1 64-bit PCI-X 133MHz 2 64-bit PCI-X 100MHz 2 32-bit PCI	6 64-bit PCI-X 100 MHz
Adaptec® 7902 2-channel Ultra320 SCSI	ATA/100 IDE	Adaptec® 7902 2-channel Ultra320 SCSI	Adaptec® 7902 2-channel Ultra320 SCSI
AOC-LPZCR1	N/A	AOC-LPZCR1	AOC-LPZCR1
Dual Gigabit LAN with Intel®82546EB Ethernet controller ATI® Rage XL 8 MB PCI graphics controller	Intel® 82545EM Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Intel® 82545EM Gigabit Ethernet controller AC'97 audio CODEC high quality 6-channel sound	Intel® 82550 10/100 fast Ethernet controller ATI® Rage XL 8 MB PCI graphics controller
IPMI 1.5 socket SUPER ® Doctor III, Watch Dog	SUPER ® Doctor III, Watch Dog	SUPER ® Doctor III, Watch Dog	IPMI 1.5 socket SUPER ® Doctor III, Watch Dog
3 TB	2.1 TB	2.1 TB	1.2 TB
10 x 3.5" dual-channel (5+5) hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant) optional 15 x 1" drive bays	7 x 3.5" IDE drive bays	7 x 3.5" dual channel (3+4) hot-swap Ultra320 SCSI SCA drive bays (SAF-TE compliant)	4 x 3.5" hot-swap Ultra 320 SCSI SCA drive bays (SAF-TE compliant)
1 floppy drive 2 x 5.25" drive bays	1 floppy drive 3 x 5.25" drive bays	1 floppy drive 3 x 5.25" drive bays	1 floppy drive 1 slim CD-ROM drive
Triple redundant hot-swap power supply (600W + 300W)	Thermal control low noise 450W power supply w/redundant cooling fan	Triple redundant hot-swap power supply (600W + 300W)	Triple redundant hot-swap power supply (700W + 350W)
3 x 12cm hot-swap redundant cooling fans & 1 x 12cm heavy duty exhaust fan	1 x 9cm hot-swap low noise cooling fan 1 x 12cm low noise cooling fan	2 x 9cm hot-swap redundant cooling fans 1 x 12cm exhaust fan	6 x 9cm hot-swap redundant cooling fans
4U Tower/Workstation 437 x 178 x 625 mm (17.2 x 7" x 24.6")	Workstation/4U 417 x 452 x 605 mm (17.8 x 17.8 x 23.8")	Workstation/4U 178 x 452 x 605 mm (7.0 x 17.8 x 23.8")	4U Rackmount 445 x 177 x 665 mm (17.5" x 7" x 26.2")

24 hours / 365 days . . .

Technical Service from Supermicro to guarantee minimal downtime

Supermicro server products are built with the highest quality components and the latest engineering technology to ensure maximum performance with the greatest availability. Our goal is to deliver exceptionally reliable server solutions that exceed the demands of today's fast-paced businesses. At Supermicro, we implement a number of optimized features to our server products: 100% cooling redundancy, triple-redundant hot-plug power supplies, hot-swap storage subsystems (including SAS, SCSI, and SATA), RAID solutions, and redundant hot-plug system cooling fans into our products to maximize system uptime offering our customers peace of mind. Moreover, our comprehensive system of health monitoring software demonstrates our unwavering commitment to deliver enterprise-class quality products. We also offer standard, round-the-clock technical service to keep your mission-critical systems running 24/7 all year round.

We employ a meticulous approach to system design, testing, and validation to ensure stability and data integrity in all our server platforms. Our consistent first-to-market approach, with cutting-edge solutions based on the newest advances in server technology, has earned Supermicro a solid reputation as the technology leader in the IT industry and the loyalty of many top-tier customers. Supermicro servers support all major operating systems including Windows, Solaris, UNIX, and various Linux-based operating systems. Take a moment to compare the computing density, advanced features, and price-to-performance benefits of our solutions against the competition and see why Supermicro servers are the optimal choice for your business needs.

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