

SuperServer 6014P-32R Specifications

Key Features

1. Dual Intel 64-bit Xeon processors supported
2. Super●X6DHP-3G2 motherboard
3. Up to 16GB ECC Reg. DDRII400 SDRAM
4. Dual LAN with Intel Gigabit Ethernet controller
5. 1 Universal PCI-X 100MHz/1 PCI-Express x8 (full-length) & 1 Universal PCI-X 100MHz/1 PCI-Express x8 (low-profile)
6. Adaptec 9410W controller for SAS/SATA (3 Gbps)
7. Supermicro AOC-LPZCR1 (SAS, SATA & SCSI ZCR all-in-one)
8. 4 x 1" hot-swap SAS/SATA drive bays w/SES-II compliant
9. 1U IPMI 2.0 slot with optional 3rd LAN port, SuperDoctor III
10. 1 slim floppy & 1 slim DVD-ROM drive
11. 4 x 4cm heavy duty counter-rotating fans w/optimal fan speed control
12. 700W redundant hot-swap power supply w/I²C built-in



Processor/Cache

Processor	Dual Intel® 64-bit Xeon® processors up to 3.60GHz with Hyper-Threading (HT) Technology
System Bus	800MHz FSB/1MB L2 Integrated Advanced Transfer Cache

Key Applications

High-end enterprise server, SQL server, high performance computing cluster (HPCC), explicitly parallel instruction computing (EPIC)

Chipset/Serverboard

Intel® E7520/Super X6DHP-3G2

System Memory

Memory Capacity	Eight DIMM sockets for up to 16GB of ECC Reg. DDRII 400 MHz SDRAM
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Expansion Slots

1 Universal PCI-X 100MHz (full-height & full-length) / 1 PCI-Express x8 & 1 Universal PCI-X 100MHz (two-profile) / 1 PCI-Express x8

SAS/SATA

SAS/ZCR	Adaptec 9410W controller for 8 SAS/SATA (3 Gbps); Supermicro AOC-LPZCR1 support (SAS, SATA & SCSI all-in-one)
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Integrated On-Board

LAN	Dual Gigabit LAN with Intel® 82546GB Ethernet controller
VGA	ATI® Rage XL 8MB PCI graphics controller
IDE	ATA/100

Front Panel

LEDs/Switches	Power status, HDD activity, two LAN link/activity, fan fail/OH LED indication, power switch, UID
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Drive Bays

4 x 1" hot-swap SAS/SATA drive bays with SES-II compliant

Peripheral Bays

1 slim floppy, 1 slim DVD-ROM

Management

Super● Doctor III, Watch Dog, 1U IPMI 2.0 slot with optional 3rd LAN port

Power Supply

700W redundant hot-swap with I²C built-in

Cooling System

4 x 4cm heavy-duty counter-rotating fans w/optimal fan speed control

Form Factor

1U Rackmount

Dimensions	17.2"(438mm) x 1.7"(44mm) x 27"(686mm)
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For the most current product information, visit: www.Supermicro.com