

Specification

Type	Server
Product Form Factor	Tower - 5U
Built-in Devices	Led panel
Server Scalability	2-way
Front Accessible Bays Qty	3
Hot-Swap Bays Qty	4
Width	21.8 cm
Depth	74.7 cm
Height	44 cm
Colour	Stealth black

Processor

Specification

Type	Intel Quad-Core Xeon E5410 / 2.33 GHz
Multi-Core Technology	Quad-Core
64-bit Computing	Yes
Installed Qty	1
Max Supported Qty	2
Upgradability	Upgradable
Processor Main Features	Intel Extended Memory 64 Technology, Intel Execute Disable Bit, Intel Virtualization Technology

Cache Memory

Specification

Type	L2 Cache
Installed Size	12 MB
Cache Per Processor	12 MB

Mainboard

Specification

Chipset Type	Intel 5000P
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Data Bus Speed 1333 MHz

RAM

Specification

Installed Size 1 GB / 32 GB (max)
Technology DDR2 SDRAM - ECC Chipkill
Memory Speed 667 MHz
Memory Specification PC2-5300
Compliance
Form Factor FB-DIMM 240-pin
Features Registered, two DDR channels, Memory Mirroring, Fully Buffered, Online Spare Memory
Configuration Features 2 x 512 MB
Upgrade Rule 2 modules at a time

Storage Controller

Specification

Type 1 x RAID
Storage Controller Name ServeRAID-8K-L
RAID Level RAID 0, RAID 1, RAID 10
Storage Controller (2nd)

Specification

Type 1 x Serial Attached SCSI - integrated
Controller Interface Type Serial ATA-150 / SAS
Storage Controller Name Adaptec AIC-9580W
RAID Level RAID 0, RAID 1, RAID 10
Storage

Specification

Hard Drive None.
Optical Storage

Specification

Type DVD-ROM - IDE
Read Speed 16x

Monitor

Specification

Monitor Type None.

Graphics Controller

Specification

Type PCI - integrated
Graphics Processor / Vendor ATI ES1000
Installed Size 16 MB

Networking

Specification

Networking Network adapter - PCI Express - integrated
Ethernet Controller(s) Broadcom BCM5721
Data Link Protocol Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol IPMI 2.0
Remote Management Controller Intel Baseboard Management Controller (BMC)
Features Wake on LAN (WoL), ACPI support

Expansion / Connectivity

Specification

Expansion Bays Total (Free) 3 (2) x front accessible - 5.25" x 1/2H ; 4 (4) x hot-swap - 3.5" x 1/3H
Expansion Slots Total (Free) 2 (1) x processor - LGA771 Socket ; 8 (6) x memory - FB-DIMM 240-pin ; 2 (2) x PCI-X / 133 MHz - full-length ; 2 (2) x PCI Express x8 - full-length ; 1 (1) x PCI Express x8 - half-length (x4 mode) ; 1 (1) x PCI - half-length
Interfaces 4 x Hi-Speed USB - 4 PIN USB Type A (2 in front) ; 1 x network - Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45 ; 1 x keyboard - generic - 6 pin mini-DIN (PS/2 style) ; 1 x mouse - generic - 6 pin mini-DIN (PS/2 style) ; 1 x parallel - IEEE 1284 (EPP/ECP) - 25 pin D-Sub (DB-25) ; 2 x serial - RS-232 - 9 pin D-Sub (DB-9) ; 1 x display / video - VGA - 15 pin HD D-Sub (HD-15)

Miscellaneous

Specification

Features	Administrator password, power-on password, selectable boot, unattended boot, thermal monitoring, voltage monitoring, fan speed monitoring, predictive failure analysis (PFA)
Compliant Standards	ACPI 2.0, CE, FCC Class A certified, TUV GS, CISPR 22 Class A, EN 60950, IEC950, ZH1 618, CB, FCC Part 15, IEC 60950-1

Power

Specification

Device Type	Power supply - hot-plug
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Installed Qty	1
Max Supported Qty	2
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	835 Watt

Operating System / Software

Specification

Software	IBM ServerGuide, IBM Director
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Manufacturer Warranty

Specification

Service & Support	3 years warranty
Service & Support Details	Limited warranty - parts and labour - 3 years - on-site - response time: next business day

Environmental Parameters

Specification

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	8 - 80%