

## ExtremeNode EN6400 Blade Server Specifications

### System Motherboard

Processor	One or two AMD® Opteron™ Processors with 1M Cache Memory
FSB	800 Mhz
Model	Tyan S2882 ATX Motherboard
Chipset	AMD-8131™ HyperTransport™ PCI-X Tunnel AMD-8111™ HyperTransport™ I/O hub Winbond W83627 HP Super I/O ASIC Analog Devicd ADM1027 Hardware Monitoring IC

### System Memory

Memory Capacity	Eight DIMM sockets for up to 16 GB of unbuffered ECC Registered DDR or Non-ECC PC2100 (DDR-266), PC2700 (DDR-333), PC3200 (DDR-400) memory
Memory Type	Unbuffered ECC Registered PC2100/PC2700/PC3200 SDRAM 72-bit, 184-pin gold-plated DIMMs
Memory Bus Type	Dual channel memory bus 128-bit DDR memory bus
DIMM Sizes	256MB, 512MB, 1GB, 2GB
Memory Voltage	2.5 V only

### Storage

Drive bays	One 3.5-inch x 1-inch bay (Optional 2nd one 3.5-inch x 1-inch bay)
Disk Size	120GB, 200GB, 250GB
Disk Capacity	SATA-150 7200 RPM IDE Hard Drive

### I/O Interface

Graphics	ATI Rage XL SVGA PCI video controller with 8 MB of video memory
Serial	One RS-232C 9-pins serial ports and one RS-232C 10-pins header
USB	Stacked two USB 2.0 compliant ports interfaces
Mouse/Keyboard	Stacked PS/2 Mouse & Keyboard ports
Network	Dual GigaByte Ethernet RJ45 ports (10/100/1000Base-T) One Intel 82551QM 10/100 port
PCI-X	One PCI-X 1.0 64/66 90° riser slot
IDE (PATA)	Two bus master channels for up to four Enhanced IDE devices
IDE (SATA)	Four SATA-150 connectors Supports RAID 0, 1, 10
System Management	Temperature, voltage and fan monitoring Five fan headers with (PWM) speed control

### Power Supply

AC Power	90-264 V AC (47-63 Hz)
AC Switching method	Auto sensing

Input Current	N/A
BTU/hour	Maximum: N/A ; Nominal: N/A
Maximum output	400 Watts

### Software

Operating System	Redhat 9.0 Red Hat Enterprise Linux AS Red Hat Enterprise Linux ES Fedora 64bit FreeBSD 64bit Windows 2000 Pro and Server Windows XP Professional Windows 2003 Standard, Web, Enterprise, 64 bit
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### Environment

Ambient Temperature	Operating (system): 5°C to 35°C, with maximum change not to exceed 10°C; Non-operating / storage (system): -40°C to +70°C
Relative Humidity	Non-operating: 95% @ 35°C non-condensing
Dimensions & Color	1.7 inch height x 14 inch width x 21 inch depth; chrome color

### Order Information

Part Number	Description
EN6400	One or two way Intel Xeon Blade Server
ENH108	8U ExtremeNode chassis (Required for EN2400 Blade Server)

