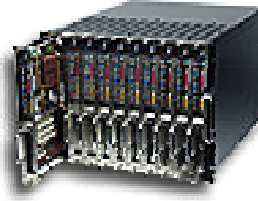


# ATXBlade HPB-20S Xeon blade node Specifications



## Form Factor

Open ATX form factor, certified with the Tyan S2725 Dual Xeon Server Board

## Dimensions and Color

14" (height) x 19" (width) x 20" (depth); Black color

## Drive Support

Two 3.5-inch one-inch height hard-disk bays

## System Cooling

Six 120mm hot-air-exhaust fan on the ATXBlade housing unit

## Front Panel

Buttons & Switches	Power
LEDs	Power, hard-drive activity, Network activity

## Environment

Ambient Temperature	Operating (system): 0°C to +35°C, with maximum change not to exceed 10°C; non-operating (system): -40°C to +70°C
Relative Humidity	Non-operating; 90% @ 35°C non-condensing
Shock	Operating: 2 millisecond (half sine wave) @ 5G; Non-Operating: 2 millisecond (half sine wave) @ 10G
ESD	15kV



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<http://www.atxblade.com>

## Standard Power Supply

Number of Blade Installed	10 units AB-200 Single Xeon Processor
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Power Consumption	2880 Watts (Typical)
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## Processor Support

Single 2.4Ghz, 3.2GB 512K or 1M Cache (Socket 604 / 533Mhz FSB)

## Hard-Drive Support

One standard 120GB ATA100/133 EIDE hard disk drive (Optional: 80GB/120GB/160GB/180GB HDD or 2<sup>nd</sup> hard disk)

## Memory

Capacity	Four DIMM sockets for up to 8GB (64MB to 2GB DIMMs supported)
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Type	Registered ECC DDR266 un-buffered SDRAM 72-bit, 184-pin gold-plated DIMMs.
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## Motherboard

Tyan S2725 server board based on Intel 7501 Chipset

## System BIOS

4MB Flash EEPROM with Intel/AMI BIOS

## Standard Port

Graphic	ATI Rage XL SVGA PCI video controller with 8MB of video memory
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Network (LAN)	Two integrated Intel Gigabit ethernet Connector; Supports 10BASE-T, 100BASE-TX, and 1000BASE-TX, RJ45 output
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USB	Two USB connectors at rear panel support USB 2.0
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Serial	One RS-232 Serial connector
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PS2	Mouse and Keyboard
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