

Expect a Perfect Fit



PowerWorks™

MODEL 4B441BS



Key Chassis Features

1. 850W High-efficiency Power Supplies (Up to 4, 2+2 / 3+1)
2. 8x 2.5" Hot-swap SAS / SATA Drive Bays
3. 1x Slim DVD-ROM Drive (Optional)
4. 8x Cooling Fans (7+1)

Key Motherboard Features

1. Quad Intel® E7-4800 or 7500 series Hexa/Octo/Deca-Core, with QPI up to 6.4 GT/s
2. Intel® 7500 (Boxboro-EX) Chipset
3. Up to 2TB DDR3 1333/1066MHz ECC RDIMM 64 Slots (8 Memory Risers)
4. Quad-port Gigabit Ethernet
5. LSI MegaRAID SAS Option
6. Remote Mgmt Module Option
7. 11x PCIe Gen 2.0 Slots (SAS RAID uses 1 slot)

[Certain features of the selected server motherboard may be unavailable or restricted based on the selected chassis. For more information please contact your Ace Computers' Account Executive]

Maximum Performance 4U Quad Xeon



Why Ace?

Ace is a leader in High Performance Computing, Clusters, and Custom Servers that exceed your requirements. As an Intel Premier Partner, and a founding member of the Intel Board of Advisors, Ace is fully engaged with the latest **Westmere-EX E7-4800 processors**, and the Boxboro-EX chipset architecture. If you need the power of **up to 40 cores and 80 threads**, you need to choose Ace and we deliver for you.

Featured Server Capabilities

- Intel 7500 Chipset supports DDR3 1066MHz
- Up to 6TB of Storage using 1TB SATA (6 Drives), or 8TB using 1TB SAS Drives
- Optional SAS RAID Controller supports 8 Hot-swap SAS Drives
- 3 Year Standard Warranty

Base Part Numbers (Partial List)

#PW4B441BS-7550D-32G [Unit configured with Dual Xeon X7550 and 32GB of memory]

#PW4B441BS-7550Q-64G [Unit configured with Quad Xeon X7550 and 64GB of memory]

#PW4B441BS-7560Q-128G [Unit configured with Quad Xeon X7560 and 128GB of memory]

#PW4B441BS-7560Q-512G [Unit configured with Quad Xeon X7560 and 512GB of memory]

#PW4B441BS-4870Q-1TB [Unit configured with Quad Xeon E7-4870 and 1TB of memory]

Typical Configuration Data:

Supported Processors (Partial)

CPU	Freq	Cache	Cores / Threads	Memory
E7540	2.00GHz	18MB	6 / 12	4CH-DDR3
X7542	2.66GHz	18MB	6 / 6	4CH-DDR3
X7550	2.00GHz	18MB	8 / 16	4CH DDR3
X7560	2.26GHz	24MB	8 / 16	4CH DDR3
E7-4870	2.4GHz	30MB	10 / 20	4CH DDR3

Supported 2.5" Hard Drives (Partial)

Size	RPM	Buffer	Interface
500GB	7200	32MB	SATA
500GB	7200	16MB	SAS
600GB	10000	16MB	SAS
1TB	7200	64MB	SATA
1TB	7200	64MB	SAS

Memory Configurations (Partial)

Total	Freq	Config	Type
32GB	1066MHz	16x2GB	DDR3 RDIMM
64GB	1066MHz	16x4GB	DDR3 RDIMM
128GB	1066MHz	32x4GB	DDR3 RDIMM
512GB	1066MHz	32x16GB	DDR3 RDIMM
512GB	1066MHz	64x8GB	DDR3 RDIMM
1TB	1066MHz	64x16GB	DDR3 RDIMM

Detailed Tech Specs:

Physical Specs

- 16.7" x 27.5" x 6.9"
- Quad Power Supply Options (3+1 / 2+2)

System Management

- Remote Management Module 3 (Optional)
- IBMC (Pilot-II) Standard
- DB9 Serial Port (Rear)

Internet Protocol

Certified to DISR IPv6 Specification

Test / Certification

CE / FCC Certified Motherboard

For more information please contact your
Ace Computers' Account Executive

or visit any of the following websites:

www.intel.com

www.microsoft.com



Contact ACE Today:
877-ace-comp (223-2667)



Ace Computers recommends

Microsoft® Windows® Server 2008™

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