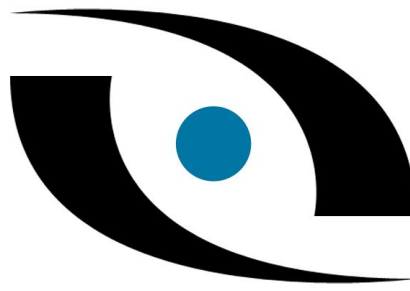


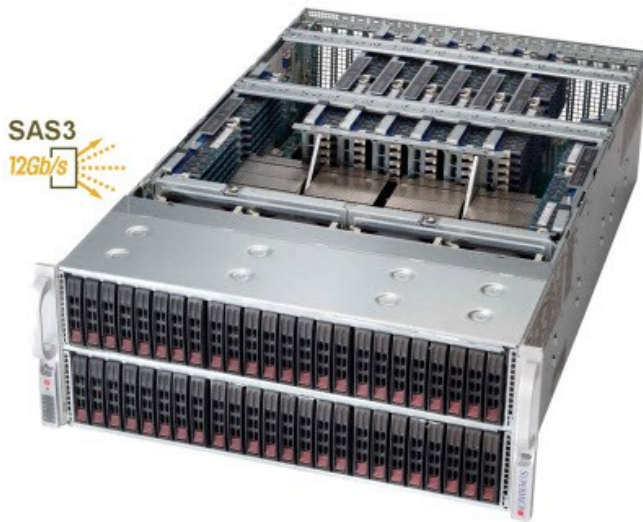
Powerworks

4G845V2



**48 Drives in a 4U Quad
Socket Xeon Server!**

ACECOMPUTERS
expect a perfect fit



**4x Intel® Xeon® Processor
E7-8800/4800 v2**



Featuring 48 hot-swap drives, the Ace Powerworks 4G845V2 is the highest density custom quad socket Intel Xeon available, providing maximum RAID Storage for all levels of the enterprise.

Maximum Storage Performance

The Ace Powerworks Quad Socket Server features tremendous PCIe 3.0 expandability with excellent memory capacity and up to 48 2.5" hot-swap hard drives. The Ace Powerworks Server features the Intel® Xeon® Processor E7-4800v2 Processors (6/8/10/12/15 Core, Dual/Quad) in a 4U Rackmount Chassis - Standard Depth and 1620W 80+ PLATINUM (94%) Redundant Power Supplies (2+2) optimized for rackmount chassis (hot swap) as well as other critical components. A 4 socket system providing up to 6TB DDR3 1600MHz ECC RDIMM/LRDIMM in 96 slots, with Up to 76.8TB (Hot-Swap) storage, Powerworks servers emphasize reliability, ease of service, and meeting your high availability expectations. Systems are ordered in either 24 or 48 drive configuration, with 24 drive field upgrade kit available.

Powerworks 4G845V2

- Storage density in a 4U
- SAS3 12Gb/s Backplane
- 6TB Memory (96 DIMMs)
- Hot-Swap Power (2+2)

Xeon Quad Socket

The Ace Powerworks Server family provides custom flexibility with the highest quality components. The latest features combine with excellent scalability to support user requirements from the smallest workgroup to the largest corporate department and public sector clients.

Feature	Powerworks 4G845V2 technical specifications
Form factor	4U Rackmount Chassis - Standard Depth
Processors	Intel® Xeon® Processor E7-4800v2 Processors (6/8/10/12/15 Core, Dual/Quad)
Processor sockets	4
Chipset / Architecture	Intel® C602 - Up to 8.0 GT/s (2x Intel® QPI per CPU)
Cache	Xeon E7v2: 12M, 16M, 24M, 30M, 37.5M
Optical / Connectivity	External Optical / 2x USB 2.0 (2x Rear), 2x Serial (1x Rear, 1x Internal), VGA
Memory ¹	up to 6TB DDR3 1600MHz ECC RDIMM/LRDIMM in 96 slots
I/O slots	4x PCIe 3.0 x16, 7x PCIe 3.0 x8 (Full Memory replaces 3x PCIe 3.0 x8)
RAID controller	All RAID Options provided via optional PCIe Cards
Drive bays	up to forty eight 2.5" HDD / SSD (Hot-Swap), SAS-3 12Gb/s Supported
Maximum internal storage ¹	Up to 76.8TB (Hot-Swap)
Hard drives	enterprise SAS 6GB (10K, 15K) up to 1.2TB; SAS SSD up to 1.6TB
Embedded NIC	2x X540 10GbE LAN (RJ45), additional NIC options via PCIe
Power supply	1620W 80+ PLATINUM (94%) RPS (2+2)
System / Remote Mgmt	BMC with Dedicated LAN Port for KVM (IPMI 2.0)
Environmental / Reliability	ENERGY STAR® compliant; 80 PLUS Certified Power Supplies; Operating Temperature 10°C to 35°C (50°F to 95°F); Non-Operating Temperature -40°C to 70°C (-40°F to 158°F)

Note 1 - GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

Ace Computers Worldwide Support and Service - US Based

Contact your Ace Account Representative to discuss the best options for warranty coverage, maintenance and post-warranty support. Ace offers custom solutions, including taking advantage of your local IT staff, to reach the lowest total cost of ownership in the industry.

Ace OEM Branding and Customization Program

Ace Computers can customize any system, provide a bezel with your custom logo, and implement other custom features including BIOS splash screens and custom packaging. Get the look and feel you want. For more information, contact your Ace Account Representative.

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