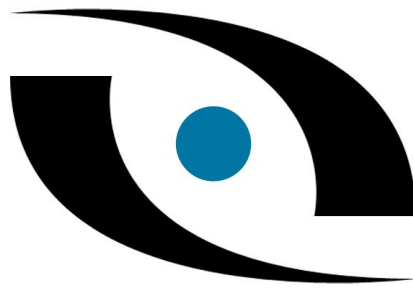


Powerworks

4G625-J72



**288TB NAS/SAN in a 4U
Storage Server with
(2+1) 1280W RPS!**

ACECOMPUTERS
expect a perfect fit



Featuring 72 hot-swap drives, the Ace Powerworks 4G625-J72 is the highest density custom NAS/SAN available, providing 288TB of RAID Storage for all levels of the enterprise.

Maximum Storage Density

The Ace Powerworks Storage Server features the latest in SAS2 RAID, while providing excellent network connectivity with 4x PCIe 3.0 Full Height/Full Length Expansion Slots. The Ace Powerworks Server features the Intel® Xeon® Processor E5-2600 Processors (2/4/6/8 Core, Single/Dual) in a 4U Rackmount Chassis - Standard Depth and 1280W 80+ PLATINUM (95%) Triple Redundant Power Supplies optimized for rackmount chassis as well as other critical components. A 2 socket system providing up to 512GB DDR3 1600MHz ECC RDIMM in 16 slots, with Up to 288TB (Hot-Swap) + up to 4.8TB (2x Rear Hot-Swap, 2x Internal) storage, Powerworks servers emphasize reliability, ease of service, and meeting your high availability expectations.

Powerworks 4G625-J72

- Storage density in a 4U
- Single SAS2 expander
- Rear access hot-swap OS drives
- Integrated Quad Gigabit NIC

Custom NAS/SAN Storage

The Ace Powerworks Storage 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 4G625-J72 technical specifications
Form factor	4U Rackmount Chassis - Standard Depth
Processors	Intel® Xeon® Processor E5-2600 Processors (2/4/6/8 Core, Single/Dual)
Processor sockets	2
Chipset / Architecture	Intel® C602 - Up to 8.0 GT/s (2x Intel® QPI per CPU)
Cache	Xeon E5-2600: 5M, 10M, 15M, 20M
Optical / Connectivity	External Optical / 9x USB 2.0 (4x Rear, 5x Header), 2x Serial (1x Rear, 1x Internal), VGA
Memory ¹	up to 512GB DDR3 1600MHz ECC RDIMM in 16 slots
I/O slots	6x PCIe 3.0 x8 (2x Utilized, 4x Open), Other Configurations Available
RAID controller	RAID 0/1/10/5 (SATA2), RAID 0/1 (SATA3), IT Mode/Pass-through (3x LSI 2308), Additional Options
Drive bays	up to seventy two 3.5" HDD / 2.5" SSD (Hot-Swap) + four 2.5" HDD/SSD
Maximum internal storage ¹	Up to 288TB (Hot-Swap) + up to 4.8TB (2x Rear Hot-Swap, 2x Internal)
Hard drives	nearline SAS (7.2K) up to 4TB; enterprise SAS 6GB (10K, 15K) up to 1.2TB; enterprise SATA 6GB (7.2K) up to 4TB; SATA SSD; SAS SSD
Embedded NIC	4x i350 Gigabit LAN (RJ45), additional NIC options via PCIe
Power supply	1280W 80+ PLATINUM (95%) RPS (2+1)
System / Remote Mgmt	SH7757 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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