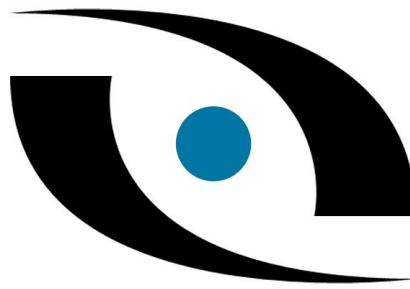


Powerworks

2G629-QG

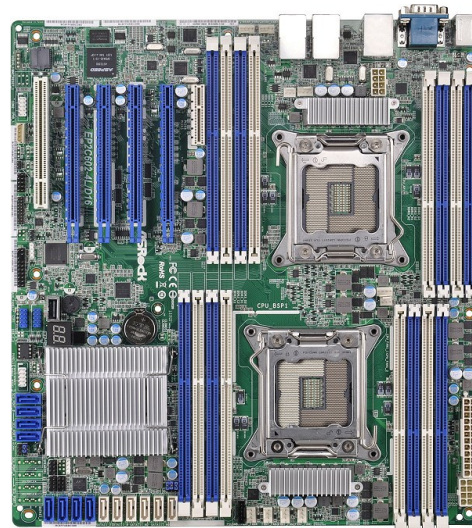


**2U Quad Gigabit NIC
Radar Signal Processing
Unit**

ACECOMPUTERS
expect a perfect fit



Front bezel with key lock for data security and protection



The Ace Powerworks 2G629-QG is a High Performance RSP server featuring 512GB maximum memory and flexible internal/external storage with Quad Gigabit NIC support. Front Access DVD (Std HH) and Front Access Smart Card Reader are included.

Five PCIe 3.0 Expansion Slots (LP)

The Ace Powerworks Server features the Intel® Xeon® Processor E5-2600/E5-2600v2 Processors (4/6/8/10/12 Core, Single/Dual) in a 2U Rackmount Chassis - Standard Depth and 500W Redundant Power Supplies optimized for rackmount chassis (hot swap) as well as other critical components. A 2 socket system providing up to 512GB DDR3 1600MHz ECC RDIMM in 16 slots, with Up to 19.2TB + 1x Internal 3.5" Drives storage, Powerworks servers emphasize reliability, ease of service, and meeting your high availability expectations. Ace systems support all standard operating systems (Windows, UNIX, LINUX), and are proven performers in virtualized environments.

Powerworks 2G629-QG

- PCIe 3.0-enabled expansion slots
- Up to Six SATA III (6Gb/s)
- Integrated Quad Gigabit NIC
- Trusted Platform Module (TPM)

Powerworks delivers

The Ace Powerworks Radar Signal Processing Server provides custom flexibility with the highest quality components. The latest features combine with excellent scalability to support government user requirements, meeting the demands for compactness and light weight.

Feature	Powerworks 2G629-QG technical specifications
Form factor	2U Rackmount Chassis - Standard Depth
Processors	Intel® Xeon® Processor E5-2600/E5-2600v2 Processors (4/6/8/10/12 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/E5-2600v2: 10M, 15M, 20M, 25M, 30M
Optical / Connectivity	Front Optical / 7x USB 2.0 (4x Rear, 2x Front, 1x Internal), 2x Serial (2x Rear), VGA, 2x PS/2
Memory ¹	up to 512GB DDR3 1600MHz ECC RDIMM in 16 slots
I/O slots	4x PCIe 3.0 x16 (x16/x16/x16/x0 or x16/x16/x8/x8), 1x PCIe 3.0 x4, 1x PCI (all LP)
RAID controller	RAID 0/1/10/5 (SATA2), RAID 0/1/10 (SATA3), optional SAS RAID, internal SATA connections: 6x SATA3, 8x SATA2
Drive bays	flexible 2.5"/3.5" HDD/SSD (Hot-Swap, 3/4/6/8/12/18 drives) and one internal 3.5" HDD/SSD
Maximum internal storage ¹	Up to 19.2TB + 1x Internal 3.5" Drives
Hard drives	enterprise SATA 6GB (7.2K) up to 6TB(3.5"); enterprise SATA 6GB (7.2K) up to 1TB(2.5"); SATA SSD
Embedded NIC	4x 82574L Gigabit LAN (RJ45), additional NIC options via PCIe
Power supply	500W RPS
System / Remote Mgmt	ASPEED AST2300 (IPMI 2.0) with Dedicated LAN Port
Environmental / Reliability	ENERGY STAR® compliant; 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);Trusted Platform Module

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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