

F2208G-A4 2U AMD Server

Product Overview

The E2208-A4 server is powered by dual-socket AMD EPYC™ 9004 series (Genoa) processors, supporting up to 128 cores per CPU to deliver high-performance computing capabilities.

It features 24 DDR5 DIMM slots with support for up to 6 TB of 4800 MHz memory, providing high memory bandwidth and strong parallel processing capacity.

The platform is designed for demanding workloads such as cloud infrastructure, big data analytics, and virtualization, and is suitable for enterprise, internet, and research environments



Key Features

- 2 x AMD EPYC™9004 series processors with a maximum power of 400W;
- 24 x DDR5 memory slots, each CPU supports 12 x memory channels, supporting up to 4800MT/s;
- Supports up to two double-width NVIDIA Tesla, Quadro, or RTX GPUs;
- 2 PCIe 5.0 x16 slots+2 PCIe 5.0 x8 slots+1 PCIe 4.0 x16 OR 2 PCIe 4.0 x8;
- 8 × 3.5-inch hot-swappable drive bays (compatible with 2.5-inch drives), 2 × M.2 slots;
- 2 x 1GbE (RJ45) onboard;
- 4 hot-swappable fan modules, supporting N+1 redundancy;
- 2x 800W/1300W/1600W/2000W/2200W high-efficiency platinum power supply;



High-performance

AMD EPYC™ 9004 (Genoa) processors, the system supports a dual-socket configuration with up to 256 physical cores and features 12-channel DDR5 4800 MHz memory per CPU, supporting up to 6 TB across 24 DIMM slots.



IPMI Remote Management

Provides IPMI-based remote management, enabling off-site monitoring and management of the server. Supports real-time monitoring of system components, remote operating system installation, fault alerts, and other management functions, significantly simplifying system administration and maintenance.



flexible configuration

The system supports PCIe Gen5 and provides, within a 2U form factor, 8 PCIe 5.0 slots and 2 PCIe 4.0 high-speed expansion slots.

It enables flexible expansion with network adapters, FC HBA cards, RAID controllers, and various data acquisition cards to accommodate diverse expansion requirements..



Key Applications

Virtualization
Cloud Computing

Software-defined Storage
Enterprise Server

Hardware Specifications

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Processor	Supports 2*AMD EPYC™9004 series processors, with a maximum TDP support of 400W、 Up to 256C/512T;
Memory	24 x DDR5 memory slots, each CPU supports 12 x memory channels, supporting up to 4400/4800MT/s;
Supported GPU	Supports up to two double-width NVIDIA Tesla, Quadro, or RTX GPUs;
Network	1 1Gb RJ45 dedicated management network port; 2 x 1GbE (RJ45) onboard; Supports expansion with standard PCIe network adapters at 1GbE, 10GbE, 25GbE, 40GbE, 100GbE, and 200GbE;
Drive Bays Configuration	8 × 3.5-inch hot-swappable drive bays (compatible with 2.5-inch drives), 2× M.2 slots;
RAID Expansion Support	Supports flexible configuration of SAS RAID controllers with RAID 0, 1, 5, 6, 50, and 60, featuring supercapacitor-backed cache protection .
PCI-Express	Riser1/Riser2: 2x PCIe5.0 x16; Riser3: 2x PCIe5.0 x8; Riser4: 1x PCIe4.0 x16 or 2x PCIe4.0 x8;
OS Compatibility	kylinos、 Red Hat Enterprise Linux 、 SLES、 CentOS、 QEMU-Xen、 vSphere、 QEMU-KVM、 Ubuntu、 VMWare ESXi、 Microsoft Windows;
BMC	Integrated BMC management chip, supporting functions such as IPMI2.0, Redfish, SOL, KVM, virtual media, etc;
I/O Ports	1x IPMI RJ45 management port; 2x VGA; 4x USB3.0 prot; 2 Gigabit RJ45 network port;
FAN	4 hot-swappable fan modules, supporting N+1 redundancy, intelligent speed regulation, and abnormal alarm ;
Power Supply	2x 800W/1300W/1600W/2000W/2200W high-efficiency platinum power supply;
Chassis	2U Rackmount;
Security	Supports TPM2.0 module and chassis intrusion alarm;
Dimensions	433.4mm x 87.6mmx 748mm(WxHxD);
Weight	Maximum Weight 31kg;
Operating Environment	Operating temperature: 5°C - 35°C (without direct sunlight); Storage temperature: -40°C - 70°C;

Contact & Support

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