

FS2212-G4 2U Intel Server

Product Overview

The FS2212-G4 server is powered by 4th/5th Gen Intel® Xeon® Scalable processors, offering a flexible storage configuration within a 2U chassis with 12 hot-swappable 3.5-inch and 2 rear 2.5-inch drive bays for SAS, SATA, and NVMe storage. It supports up to 4TB of 5600MHz DDR5 memory via 16 DIMM slots, boosting application performance and operational stability. With 6 PCIe 5.0 slots for expansion such as RAID and network cards, Suitable for customers in industries such as the Internet, ISV, education, and government.



Key Features

- Dual Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processors, supports up to 350W TDP;
- 16 DIMM slots, Up to 4TB DDR5-5600MHZ/4800MHZ ECC Registered RDIMM;
- 4 PCIe 5.0 x16 Low Profile (LP), 2 PCIe 5.0 x8 Low Profile (LP);
- 12 × 3.5-inch hot-swappable drive bays (compatible with 2.5-inch drives), 2 × M.2 slots;
- 2 x 1GbE (RJ45) onboard;
- 3 hot-swappable fans modules;
- 2x 800W/1300W/1600W/2000W high-efficiency power supply;

High-performance



Powered by dual-socket 4th and 5th Gen Intel® Xeon® Scalable processors, the platform supports up to 128 cores and 256 threads, delivering 1.5–2x higher performance compared to the previous generation. The memory subsystem is upgraded to DDR5, supporting speeds up to 5600 MHz, significantly enhancing overall application performance.

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



Supports 6 PCIe 5.0 slots with flexible expansion and broad compatibility for InfiniBand HCA, FC HBA, RAID, and other PCIe cards.

Key Applications



General Purpose Computing
Database Processing & Storage

Data Center Enterprise Applications
Corporate Database

Hardware Specifications

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Processor	Supports 2*4th or 5th generation Intel® Xeon® Scalable processors, with a maximum TDP support of 350W、Up to 64C/128T;
Chipset	Intel® C741;
Memory	Supports 16 x DDR5 DIMMs, up to 5600/4400MHz;
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	12 × 3.5-inch hot-swappable drive bays (compatible with 2.5-inch drives), 2 × M.2 slots;
RAID Expansion Support	Integrated 6Gb/s onboard SATA, optional support for 12Gb/s SAS HBA and 12Gb/s SAS RAID card;
PCI-Express	4 PCIe 5.0 x16 LP slots+2 PCIe 5.0 x8 LP slots;
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; 1x VGA; 4x USB3.0 prot; 2 Gigabit RJ45 network port;
FAN	3 hot-swappable fans modules ;
Power Supply	2x 800W/1300W/1600W/2000W high-efficiency platinum power supply;
Chassis	2U Rackmount;
Security	Supports TPM2.0 module and chassis intrusion alarm;
Dimensions	437mm x 88mmx 650mm(WxHxD);
Weight	Maximum weight 31 kg;
Operating Environment	Operating temperature: 5°C - 35°C (without direct sunlight); Storage temperature: -40°C - 70°C;

Contact & Support

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