



Foredge R2400-HDD

Intel Xeon 2P CPU Server



Product Introduction

The R2400 is a rackmount server based on Intel Xeon 4/5th Gen Scalable processors. It achieves ultimate design in computing performance, storage performance, and scalability. Featuring a modular chassis, it supports flexible configuration of computing, storage, and I/O resources to meet virtualization, cloud computing, big data analytics, enterprise-level Web applications, and other demanding applications. Its adaptable form factor addresses the diverse customization needs across various industries, achieving full market coverage.

Product Features

- Supports Intel Xeon 4th/5th Gen Scalable processors, accommodating CPUs with a TDP of up to 350W and 32 RDIMM DDR5 slots.
- Supports up to 8 FHHL PCIe expansion slots, each supporting PCIe 5.0 x16 for efficient heterogeneous computing.
- Features 12 front and 2 rear hard drive bays, supporting 2.5-inch drives and SATA/SAS/NVMe protocols for flexible storage solutions.



Product Specifications

Form Factor	2U Rackmount
Processor	Supports: 2 * Intel Xeon 4th/5th Gen CPU Recommended: 8560/6430/6530/8558
Memory	Supports: Up to 32 * DDR5 RDIMM slots, up to 5600MT/s speed, max 4T capacity Recommended: 8/12/16*64G or 24*32G 5600MT/s memory
Storage	Max supports front 12 SATA/SAS LFF OR 8 SATA/SAS LFF + 4 SATA/SAS/NVMe SFF Max supports rear 2 SATA SFF
PCIe Expansion	Max supports up to 8 FHHL PCIe 5.0 x16 expansion slots, optional with 2 OCP 3.0 Riser Cable
Network	Optional with 2 OCP 3.0 network cards Optional with 1/10/25/50/100/200/400GE PCIe standard network cards
Management	APED AST2600 BMC chip, supports IPMI 2.0, Redfish 1.13
I/O Ports	Front: 2*USB, 1*VGA, 1*UID, power button, status indicator Rear: 2*USB, 1*VGA, 1*RJ45 management port, 1*system serial port, 1*UID
Fans	Hot-swappable fan trays, N+1 redundancy
Power Supply	Two 800W / 1300W hot-swappable CRPS power supplies, 1+1 redundancy
RAID Controller	Optional high-performance RAID controller, supports RAID 0/1/10/5/6/50/60 Recommended model: 9560-8i 4G RAID Card
Operating Temp	5°C - 35°C (Operating temperature support varies with different configurations)