General-Purpose CPU Server Datasheet

VS-R5320-B1H@N-IN

Overview

This 2U rack server is designed based on 3rd-generation Intel® Xeon® Scalable processors. It uses high-performance Intel® C 621 series chipsets to deliver robust performance in a limited space and meanwhile provide scalability and high availability.

Features

- High performance

- 3rd-generation Intel® Xeon® Scalable processors.

- 2 standard Gigabit network interfaces for data transmission, 1 optional dual-Gigabit or dual-10GE network interface module for expansion, capable of load balance, link aggregation and redundancy to effectively reduce network latency; 1 Gigabit remote management network interface.

- DDR4 3200MHz RAM frequency, increasing bandwidth by 45% over the previous generation.

- High reliability

- 12 3.5/2.5-inch HDDs, compatible with NVMe SSD, allowing personalized storage configuration.

- 1+1 power redundancy design supports PMBus, module-loss alarm and more to enhance server operation security.

- Low power consumption

- Supports frequency reduction to reduce system power consumption at low system load.

- Adjusts fan speed according to the temperature of thermally critical components to save energy, reduce noise, and improve reliability of fans.

- In line with green energy-saving business demands, the newly-added energy-efficient intelligent speed regulation design can adjust heat dissipation of the whole system according to ambient temperature and actual load, reducing power

consumption without compromising performance.

Specifications

Hardware Parameters	Description
CPU	Intel_4310_Xeon*1, support 2* 3rd-generation Intel® Xeon® Scalable processors
RAM	32GB, total 16 slots
Standard HDD	4T SATA HDD*1
Front HDD expansion	12*2.5/3.5-inch SAS/SATA/SSD HDDs
Network interface	GE*2, supports PCIe network interface expansion
Management	1*1000Mbps network interface dedicated for IPMI remote management
USB	2*USB 3.0 (rear)
VGA	1* VGA interface (rear)
PCIE card slots	3*PCI-E 4.0 slots
Built-in RAID controller	1 (sold separately)
Power supply	1+1 redundancy
Dimensions	87.8mm(H)x446mm(W)x794mm(D)
Weight	35KG (fully loaded)
Environment temperature	Operating: 5°C to 40°C Non-operating: -40°C to 60°C
Relative humidity	Operating: 35% to 80% Non-operating: 20% to 93%

Ordering Info

Product Model	Config	Description
VS-R5320-B1H	N-IN	2U Universal Single CPU Server