

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® C621 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

| | |
|--------------------------|---|
| Model | VS-R5320-B1H@N-IN |
| Hardware Parameters | |
| 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) |
| PCI-E 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 |

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