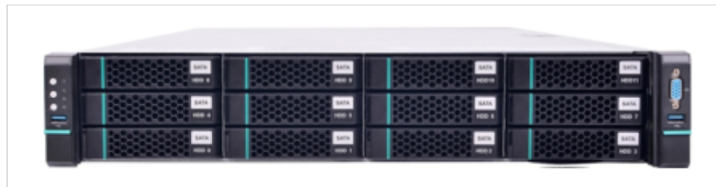


VS-R5220-B2T@N-IN General-Purpose Mid-Range CPU Server Datasheet

VS-R5220-B2T@N-IN



Overview

This high-end 2-socket 2U rack server is designed based on 2nd-generation Intel® Xeon® Scalable processors. It uses high-performance Intel® C620 series chipsets to deliver robust performance in a limited space and meanwhile provide scalability and high availability.

Features

- High performance
- The 2nd-generation Intel® Xeon® Scalable series processors provide strong processing power to deal with heavy computing load.
- 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, 16 RAM slots.
- High reliability
- The smart cooling system effectively reduces noises and creates a constant temperature in the chassis; the fully shielded design

prevents electromagnetic radiation, anti-interference, and anti-static (EMI).

- Optional 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.
- Supports PDCM (power efficiency manager) to provide automated server power consumption control to complete more tasks with less resources.

Specifications

| | |
|--------------------------|---|
| Model | VS-R5220-B2T@N-IN |
| Hardware Parameters | |
| CPU | Intel® 4210R Xeon*2, support 2*2nd-generation Intel® Xeon® Scalable processors. |
| RAM | Standard 32G*2, total 16 slots |
| Standard HDD | 4T SATA HDD*1 |
| Front HDD expansion | 12*2.5/3.5-inch SAS/SATA/SSD HDD (directly connected to backplane) |
| Network interface | GE*2, supports OCP or PCIe network interface expansion |
| Management | 1 independent 1000Mbps network interface for IPMI remote management |
| USB | 5*USB 3.0 (3 back, 2 front) |
| VGA | 2*VGA interfaces (1 back, 1 front) |
| PCI-E card slots | 6*PCI-E 3.0 slots |
| Built-in RAID controller | 1 (sold separately) |
| Power supply | 1+1 redundancy |
| Dimensions | 87mm(H)x438mm(W)x735mm(D) |
| Power input | 220V AC 240V DC |
| Weight | 27KG (fully loaded) |
| Environment temperature | Operating: 10°C to 35°C Non-operating: -40°C to 55°C |
| Relative humidity | Non-operating: 95% (noncondensing at 25°C to 30°C) |

Ordering Info

| Product Model | Config | Description |
|---------------|--------|---------------------------------|
| VS-R5220-B2T | N-IN | 2U Universal Mid-end CPU Server |

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