

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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