VS-R5220-B2T General-Purpose Mid-Range CPU Server

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

Parameters	Description
Processor	Intel® 4210 Xeon*2
RAM	Standard 32G*2, total 16 slots
Management	1 independent 1000Mbps network interface for IPMI remote management
Network interface	GE*2, supports OCP or PCIe network interface expansion
USB	5*USB 3.0 (3 back, 2 front)
Video interface	2*VGA interfaces (1 back, 1 front)
HDD bays	12 (standard), expandable to 12 2.5/3.5-inch SAS/SATA/SSD HDD (directly connected to backplane)
Standard HDD	4T SATA HDD*1
Front HDD expansion	12*2.5/3.5-inch SAS/SATA/SSD HDD (directly connected to backplane)
PCIE 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)

Order Info

Product Code	Qty	Remarks
VS-R5220-B2T	1	Product-UNV-VS-R5220-B2T-2U Universal Mid-end CPU Server-Domestic version
MEM-32G-DDR4-A	Opt.	Module -UNV-MEM-32G-DDR4-A-32GB DDR4 Memory-Domestic version
RAID-8i-2G-A	Opt.	Module -UNV-RAID-8i-2G-A-2GB Cache 8 Ports RAID Card–Domestic version
VS-SSD-1920E-A-A	Opt.	Module-UNV-VS-SSD-1920E-A-A-1.92T SATA Interface SSD-Domestic version
NIC-10G-2P-A	Opt.	Module-UNV-NIC-10G-2P-A-10-gigabit Duplex NIC-Domestic version
NIC-1G-2P-A	Opt.	Module-UNV-NIC-1G-2P-A-Gigabit NIC Duplex NIC-Domestic version

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*Product specifications and availability are subject to change without notice.

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