VS-R5320-B2X General-Purpose High-End CPU Server

Overview

This high-end 2-socket 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

- 4 3.5/2.5-inch HDDs, expandable to 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

Parameters	Description
Processor	Intel® 4310 Xeon*2
RAM	Standard 32G*4, total 32 slots
Management	1*1000Mbps network interface dedicated for IPMI remote management
Network interface	GE*2, supports PCIe network interface expansion
USB interface	2*USB 3.0 (rear)
Video interface	1* VGA interface (rear)
HDD bays	4
Standard HDD	4T SATA HDD*1
Front HDD expansion	4*2.5/3.5-inch SAS/SATA/SSD HDDs, expandable to 12*2.5/3.5-inch SAS/SATA/SSD HDDs
PCIE card slots	6*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)
Power input	See the nameplate
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%

Order Info

Product Code	Qty	Remarks
VS-R3220-B2X	1	UNV-VS-R5320-B2X-2U Universal Computing Server, Domestic version
MEM-32G-DDR4-B	Opt.	Module-UNV-MEM-32G-DDR4-B, 32GB DDR4 Memory Bank, Domestic version
RAID-8i-2G-B	Opt.	Module-UNV-RAID-8i-2G-B, 2GB Cache 8 Ports RAID Card, Domestic version
VS-SSD-1920E-A-B	Opt.	Module-UNV-VS-SSD-1920E-A-B, 1.92T SATA Interface SSD, Domestic version
NIC-10G-2P-B	Opt.	Module-UNV-NIC-10G-2P-B-10-gigabit Duplex NIC, Domestic version
NIC-1G-2P-B	Opt.	Module-UNV-NIC-1G-2P-B-Gigabit Duplex NIC, Domestic version

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