

# 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® C 621 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

Hardware Parameters	Description
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)
PCIE 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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