

# Vantageo 2230-RX

Flexible, Scalable, and Secure



## 2U Dual-Socket High-End Server

### Product Type

2U rackmount server

### Product Introduction

Vantageo 2U dual socket high-end Standard Server, adopts Vantageo Motherboard, supports 1 or 2 Gen3 Intel® Xeon® Scalable series processors, 32 DIMM DDR4 memory slots, on-board 2 M.2 interfaces, 2 Gigabit LAN ports, 1 RJ45 management LAN port, 11 PCIe 3.0/PCIe 4.0 expansion slots. Fits virtualization, cloud computing, big data processing, high-performance computing, distributed storage, enterprise market and telecom applications.

### Product Features

1. 1 or 2 Gen3 Intel® Xeon® Scalable processors, LGA 4189 socket, up to 270W
2. Up to 32 DDR4 slots, the memory frequency supports 2666/ 2933/ 3200 MHz
3. The motherboard has 2 built-in PCIe NVMe M.2 interfaces (size 2280)
4. Modular design, various combinations of PCIe and hard drives
5. Up to 11 PCIe expansions, supporting 2 double-width, full-height, full-length GPUs (including one OCP network card)

# Vantageo 2230-RX

Features	Technical Specification	
Processor	Supports 1 or 2 Gen3 Intel® Xeon® Scalable Series processors, up to 270WTDP	
Chip Set	1 or 2 Gen3 Intel® Xeon® Scalable processors, LGA 4189 socket, up to 270W	
Memory	32 DDR4 memory slots, support DDR4 LRDIMM/RDIMM2666 / 2933/ 3200MHz	
Raid controller Options	<b>Onboard Raid Support – Intel RSTe Supports Raid 0/1/10/5</b> PCIe Gen4/Gen3 Supported Cache – 2GB/4GB/8GB SAS 3.0 ( 12Gbs) Supported Cache – 2GB/4GB/8GB	Supported Cache Protection Supported Raid Level – 0/1/5/6/10/50/60 Supported Media – SAS/SATA/NVMe
Drive bays	Front 8 hot-swap 3.5/2.5-inch SAS/SATA/U.2 hard drives; Rear optional up to 2* 2x3.5-inch hard drive modules or 2* 2x2.5-inch hard disk modules	
Storage NVMe	3* Minis SAS HD interfaces, 2* SATA DOMs, 2* M.2 (NVMe) interface	
Power supplies	Supports AC 220V 550W, 800W, 1300W, 1600W, 2200Wredundant power supply(adaptbased on the actual power) Supports HVDC 240V ~ 336V 550W, 800W 1300WSupports LVDC -48V 550W, 800W	
Dimensions	2U Dual-Socket High-EndServer	Height: 87.6mm Width: 433.4mm Length: 748mm(max.) *Dimensions do not include bezel
Embedded management	IPMI 2.0, 1 dedicated RJ45 management LAN port	
Security	Trusted Platform Module (TPM) 2.0	
I/O & Ports	1 VGA 2 USB3.0 1 VGA, 1 COM port, 2 USB3.0, 1 RJ45 Gigabit management LANport, 2GigabitRJ45 LAN ports	
PCIe Slot	PCIe expansion form - 6* PCIe full-height slots, 4* PCIe half-height slots, 1* OCP 3.0 card PCIe expansion specification - Riser1/2: 2* PCIe x16 or 1* PCIe x16, 2* PCIe x8 or 3* PCIe x8 or 1* PCIe x16, 1* PCIe x8 , Riser3: 1* PCIe x16 or 1* PCIe x8 + PCIe x8 (in x16 Slot) Riser4: 2* PCIe x8	
Supported operating systems	Microsoft Windows Server Red Hat Enterprise Linux SUSE Linux Enterprise Server CentOS Ubuntu	
Operating temperature and humidity	Temperature: 5°C~35°C/; Humidity: 20%~80%RH non-condensing	
Fan	Standard 4* 8038 hot-swap N+1 redundant fans, optional 8056 hot-swap N+1 redundant fans	
Recommended support	24x7 - 4 hours Response, Next Business Day Call to Resolution CTR 24x7 - 4 hours Response, 24 Hours Call to Resolution CTR 24x7 - 4 Hours Response, 6 Hours Call to Resolution CTR Default support Next Business Day Consulting and deployment offerings are also available. Contact Vantageo representative for the more information.	

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