vantageo™

Vantageo 2240-RS

Flexible, Scalable, and Secure

2U Hyper with 12 hot-swap 3.5" NVMe/SAS/SATA bays and 4 PCIe 5.0 ×16 slots + up to 2 PCIe 5.0 ×16 AIOM slots

Key Applications

1. Virtualization

2. AI Inference and Machine Learning

3. Enterprise Server

4. Software-defined Storage

5. Cloud Computing

Key Features

1. Dual Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processors

2. 32 DIMM slots supporting up to 8TB of memory; RDIMMs up to DDR5-5600

3. Optional PCIe slot configurations up to 8 PCIe 5.0 x8 or 4 PCIe 5.0 x16 slots with support for double-width GPU/Accelerator cards

4. Flexible networking options with up to 2 AIOM networking slots (OCP NIC 3.0 compatible)

5. 4 heavy duty hot-swap fans with optimal fan speed control

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Features	Technical Specification	
Processor	Dual Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processors	
Chip Set	Intel® C741	
Memory	Slot Count: 32 DIMM slots Max Memory (1DPC): Up to 4TB 5600MT/s ECC DDR5 RDIMM Max Memory (2DPC): Up to 8TB 4400MT/s ECC DDR5 RDIMM	
Drive bays	Default: Total 12 bay(s) 12 front hot-swap 3.5" NVMe*/SAS*/SATA* drive bay(s)	
Power supplies	2x 1200W Redundant Titanium Level power supplies	
Dimensions	Height: 40 mm Width: 73.5 mm Length: 265 mm(max.) *Dimensions do not include bezel	
Embedded management	Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	
GPU	**Max GPU Count** Up to 1 double-width GPU(s) **Supported GPU** NVIDIA PCIe: H100, L40S, A40, A100	
Security	Trusted Platform Module (TPM) 2.0 Silicon Root of Trust (RoT) – NIST 800-193 Compliant	
I/O & Ports	**LAN** 1 RJ45 1 GbE Dedicated BMC LAN port(s) **USB** 2 USB 2.0 port(s) (2 rear) **Video** 1 VGA port(s)	
Supported operating systems	**Win server 2022/2019** RHEL/Ubuntu/Centos Windows® 11, Windows® 10 64-bit	
operating Environment	Operating Temp. 10°C ~ 35°C (50°F ~ 95°F) Non Operating Temp. -40°C to 70°C (-40°F to 158°F)	
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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