vantageo™

Data sheet

Vantageo 2240-RS

Flexible, Scalable, and Secure



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

Key Applications

- 1. Virtualization
- 2. Al Inference and Machine Learning
- 3. Enterprise Server
- 4. Software-defined Storage
- 5. Cloud Computing

Key Features

- 1. Support CXL
- 2. 5th/4th Gen Intel® Xeon® Scalable processors, Dual Socket LGA-4677 (Socket E) , CPU TDP supports up to 350W TDP
- 3. Intel® C741 Chipset
- 4. Up to 4TB 3DS ECC RDIMM, DDR5-5600MT/s in 16 DIMM slots
- 5. 4 PCle 5.0 x16
- 6. 2 PCle 5.0 x8
- 7. Broadcom BCM5720 Dual ports 1G LAN
- 8. 6 USB3.0 and 3 USB2.0
- 9. 2 SATA DOM ports
- 10. 2 M.2
- 11. 6 NVMe ports PCle 5.0 x4 via 3 MClO connectors
- 12. 8 SATA3.0 ports

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Features	Technical Specification			
Processor	Dual Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processors			
Chip Set	Intel® C741			
Form Factor	2U Rackmount			
System 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			
SATA	Intel® C741 controller for 8 SATA3 (6 Gbps) ports; RAID 0,1,5,10			
	Intel® C741 controller for 2 SATA3 (6 Gbps) ports; RAID 0,1			
Drive Bays Configuration	Total 8 bays 4 front hot-swap 3.5" NVMe*/SAS*/SATA drive bays 4 front hot-swap 3.5" SAS*/SATA drive bays			
Power supplies	2x 1200W Redundant Titanium Level power supplies			
Dimensions and Weight	Height Width Depth	40 mm 73.5 mm 265 mm(max.)		
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	Hardware	Trusted Platform Module (TPM) 2.0 Silicon Root of Trust (RoT) – NIST 800-193 Compliant		
I/O & Ports	LAN USB Video	1 RJ45 1 GbE Dedicated BMC LAN port(s) 2 USB 2.0 port(s) (2 rear) 1 VGA port(s)		
Supported operating System		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 Temp40 C to 70 C (-40°F to 158°F)		
Recommended support	24x7 - 4 hours Re 24x7 - 4 Hours R	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		
		Next Business Day Consulting and deployment offerings are also available. Contact entative for the more information.		