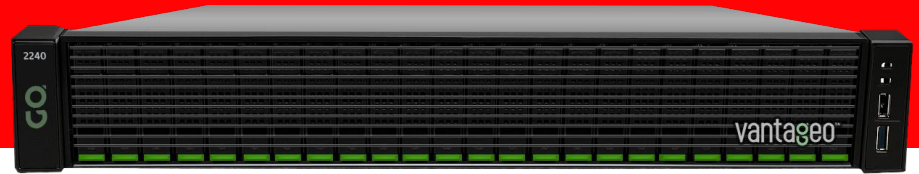


Vantageo 2240-RS

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. 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 PCIe 5.0 x16
6. 2 PCIe 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 PCIe 5.0 x4 via 3 MCIO connectors
12. 8 SATA3.0 ports

Vantageo 2240-RS		
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	40 mm
	Width	73.5 mm
	Depth	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	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 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 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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