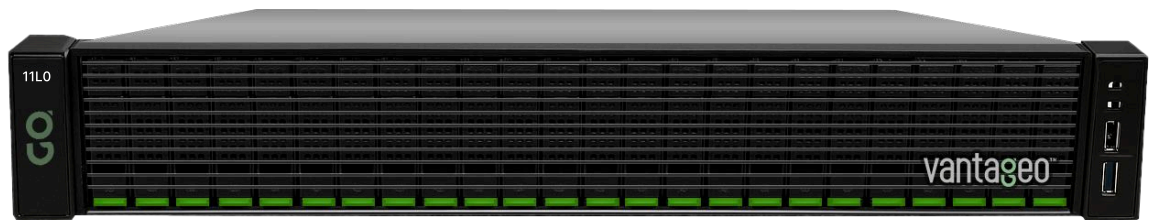


Vantage 2240-RG



Flexible, Scalable, and Secure



The Vantage 2240-RG is a high-performance server designed for scalable, enterprise-grade applications. Built to support Dual 5th/4th Gen Intel® Xeon® Scalable Processors, it delivers strong computing efficiency with enhanced reliability. The features high-capacity DDR5 memory support, multiple PCIe expansion slots for flexible configuration, With integrated management features for remote monitoring and control, the Vantage 2240-RG ensures dependable operation in data centers, cloud infrastructure, and professional server environments.

Key Specifications:

Dual 5th/4th Gen Intel® Xeon® Scalable Processors

8-Channel RDIMM DDR5, 16 x DIMMs

Intel® C741 Chipset

2 x 1Gb/s LAN ports via Intel® I210-AT

3 x SlimSAS connectors for 12 x SATA 6Gb/s

2 x SATA 6Gb/s ports

2 x M.2 slots with PCIe Gen4 x4 interface

12 x 3.5" hot-swap SAS3/SATA drive bay

800/1000W Redundant Titanium Single Output Power Supply W/PMbus

6 low-profile expansion slot(s)

3 x 80mm heavy duty fan(s) with PWM fan(s) speed control

Technical details

Vantageo 2240-RG Details

Form Factor	2U
CPU	5th Generation Intel® Xeon® Scalable Processors 4th Generation Intel® Xeon® Scalable Processors Dual processor, TDP up to 270W
Socket	2 x LGA 4677 Socket E
Memory	16 x DIMM slots DDR5 memory supported only 8-Channel memory architecture RDIMM up to 96GB supported 3DS RDIMM up to 256GB supported 5th Gen Intel® Xeon®: Up to 5600 MT/s 4th Gen Intel® Xeon®: Up to 4800 MT/s
LAN	2 x 1Gb/s LAN ports (Intel® I210-AT) Support NCSI function 1 x 10/100/1000 Mbps Management LAN
Video	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp
Storage Interface	PCH: - 3 x SlimSAS connectors for 12 x SATA 6Gb/s - 2 x SATA 6Gb/s ports
RAID	Intel® SATA RAID 0/1/10/5
TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
Rear I/O	2 x USB 3.2 Gen1 1 x VGA 1 x RJ45 serial port 2 x RJ45 1 x MLAN 1 x ID button with LED
Expansion Slots	Slot_6: PCIe x16 (Gen5 x16) slot, from CPU_0 Slot_5: PCIe x16 (Gen5 x16) slot, from CPU_1 Slot_4: PCIe x16 (Gen5 x16) slot, from CPU_1 Slot_3: PCIe x16 (Gen5 x16) slot, from CPU_0 Slot_2: PCIe x16 (Gen5 x16) slot, from CPU_0 Slot_1: PCIe x16 (Gen5 x16) slot, from CPU_1
Dimensions	Height 3.5" (89 mm) Width 17.2" (437 mm) Depth 25.5" (647 mm) Gross Weight 52 lbs (23.59 kg) Net Weight 37 lbs (16.78 kg) Packaging (W x H x L) 26.7" (678 mm) x 11.4" (290 mm) x 34.5" (876 mm)

Technical details

Vantageo 2240-RG Details

Expansion Slots	6x Low-profile expansion slot(s)	
Drive Bays	12 x 3.5" hot swappable SAS/SATA/NVMe drive bays	
	24 x 2.5" hot swappable SAS/SATA/NVMe drive bays	
Backplane	12-Port 2U SAS3 12Gbps TQ backplane, support up to 12x 3.5-inch SAS3/SATA3 HDD/SSD	
Peripheral Drives	Optional 1x slim DVD-ROM drive bay	
	Optional 1x COM port tray	
	Optional 2x USB 2.0 ports	
	Optional 2x USB 3.0 ports	
Front Panel	Button	Power On/Off button System Reset button
	LED	Power status LED HDD activity LED System Information LED Power Fail LED 2 Network Activity LEDs
Systems Cooling	Fans 3x 80mm heavy duty fan(s) with PWM fan(s) speed control	
Power Supply	800/1000/1200W Redundant Titanium Output Power Supply	
Operating Environment (System)	Operating Temperature Range	
	5°C - 35°C (41°F - 95°F)	
	Non-Operating Temperature Range	
	-40°C - 70°C (-40°F - 158°F)	
	Operating Relative Humidity Range	
	8% - 90% (non-condensing)	
	Non Operating Relative Humidity Range	
	5% - 95% (non-condensing)	

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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