

Vantage 2240-RG

Flexible, Scalable, and Secure



Motherboard - 5th/4th Gen Intel® Xeon® Scalable - E-ATX DP

Key Features

1. Dual 5th/4th Gen Intel® Xeon® Scalable Processors
2. 8-Channel RDIMM DDR5, 16 x DIMMs
3. Intel® C741 Chipset
4. 2 x 1Gb/s LAN ports via Intel® I210-AT
5. 3 x SlimSAS connectors for 12 x SATA 6Gb/s
6. 2 x SATA 6Gb/s ports
7. 2 x M.2 slots with PCIe Gen4 x4 interface
8. 8 x 3.5" hot-swap SAS3/SATA drive bay, 2 x 3.5" fixed drive bay
9. 8-port 2U SAS3 12Gbps TQ backplane, support up to 8x 3.5-inch SAS3/SATA3 HDD/SSD
10. 1U 800/1000W Redundant Titanium Single Output Power Supply W/PMbus
11. 4 full-height & full-length expansion slot(s) , 3 low-profile expansion slot(s)
12. 3 x 80mm heavy duty fan(s) with PWM fan(s) speed control

Vantageo 2240-RG	
Features	Technical Specification
Form Factor	1U/2U chassis supports for maximum motherboard sizes - WIO , 13.68" x 13" motherboards
Processor Support	Dual 5th/4th Gen Intel® Xeon® Scalable Processors
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)
Expansion Slots	3x Low-profile expansion slot(s) 4x Full-height, Full-length 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	8-Port 2U SAS3 12Gbps TQ backplane, support up to 8x 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
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)
Power Supply	800/1000/1200/1600W Redundant Titanium Single Output Power Supply

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Vantageo 2240-RU	
Features	Technical Specification
Form Factor	E-ATX 304.8W x 330.2D mm
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
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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