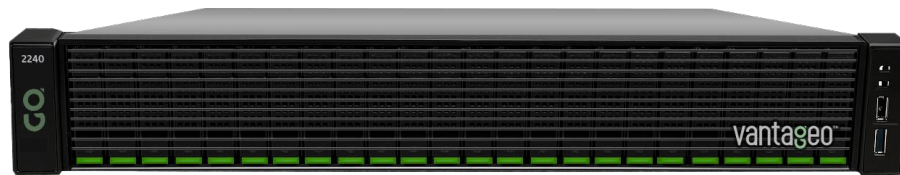


Vantage 2240-RT Server

Flexible, Scalable, and Secure



The Vantage 2240-RT is a high-performance dual-socket server designed for AI workloads and enterprise data centers. It supports up to 2 Intel 4th/5th Gen Xeon Scalable CPUs with advanced air cooling. Support for GPUs, it offers powerful compute capabilities. Its flexible storage options and IPMI management make it ideal for demanding, scalable applications.

Key Features

- Up to 350W 2 5th/4th Gen Intel Xeon Scalable processors with air cooling
- 16+16 DDR5 DIMMs @ 5600(5th Gen) / 4800(4th Gen) MT/s
- Up to 6 Full-Height & 2 Half-Height PCIe 5.0
- 1600W, 80+ Titanium / 2100W PSU, 80+ Platinum
- Networking:
 - 1 1000Base-T dedicated IPMI port
 - 1 x OCP v3 slot (network adapter sold separately, for 400Gbps network card)
- Storage:
 - 8, 16, or 24 x 2.5" (SFF) hot-swap SAS/SATA/NVMe
 - 2 internal 2.5" SSD above PSU
 - 2 M.2 SATA/PCIe 80/110mm connectors (onboard)

Technical details

Vantageo 2240-RT

Form Factor	2U Rackmount
CPU	Dual 4th/5th Gen Xeon Scalable (Sapphire Rapids), up to 350 W TDP
Socket Type	Socket-E LGA4677
Board Chipset	Intel® C741 Chipset
Memory slots	32 DIMM slots ,16 DIMM slots per processor, 8 memory channels per processor DDR5 DIMMs @ 5600(5th Gen) / 4800(4th Gen) MT/s
Networking:	1 1000Base-T dedicated IPMI port 1 x OCP v3 slot (network adapter sold separately, for 400Gbps network card)
Storage:	8, 16, or 24 x 2.5" (SFF) hot-swap SAS/SATA/NVMe 2 internal 2.5" SSD above PSU 2 M.2 SATA/PCIe 80/110mm connectors (onboard)
PCIe slots	Up to 8 PCIe 5.0 / CXL 1.1 (for 2x full-height, double-wide or 4x full-height 3/4 length single-wide GPGPU support)
I/O ports	Front: 2 × USB 3.0, 1 × USB 2.0; Rear: VGA, Serial, 1 × USB 3.0, 2 × USB 2.0
Power Supply	1600W PSU, 80+ Titanium 2100W PSU, 80+ Platinum
Fans	6 × hot-swappable system fans
Server Management	Integrated Baseboard Management Controller (BMC) based on ASPEED AST2600* Advanced • Intelligent Platform Management Interface (IPMI) 2.0 compliant • 1000BASE-T Ethernet port (RJ45) dedicated to server management
System Monitoring	Monitors temperature for CPU & memory & system environment Monitors voltage for CPU, memory, chipset & power supply Over temperature warning indicator / Fan & PSU fail LED indicator
Dimension (L x W x H)	769.6 x 438 x 87 mm
Rack-Friendly Board	Yes
Redundant Fans	Yes
Redundant Power Supported	Yes

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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