

Vantage 2440-RS

Flexible, Scalable, and Secure



Dual Socket E (LGA-4677)

5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors

Key Applications

1. High Performance Computing
2. AI/Deep Learning Training
3. Cloud Gaming
4. Design & Visualization
5. Diagnostic Imaging
6. VDI
7. Media/Video Streaming
8. Animation and Modeling
9. 3D Rendering
10. AI Training

Key Features

1. 5th/4th Gen Intel® Xeon® Scalable processor support
2. 16 DIMM slots Up to 4TB: 16x 256 GB DRAM Memory Type: 5600MTs ECC DDR5
3. Up to 4x double width, full length GPUs
4x PCIe 5.0 x16 (double-width) slots, 3x PCIe 5.0 x16 (single-width) slots
4. Total 8x 3.5" Hot-swap SATA/NVMe/SAS drive bays

Vantageo 2440-RS

Features	Technical Specification	
Processor	Dual Socket E (LGA-4677) 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors	
Chip Set	Intel® C741	
Memory	Slot Count: 16 DIMM slots Max Memory (1DPC): Up to 2TB 5600MT/s ECC DDR5 RDIMM Max Memory (2DPC): Up to 4TB 4400MT/s ECC DDR5 RDIMM	
Drive bays	Default: Total 8 bay(s) 8 front hot-swap 3.5" NVMe/SAS/SATA drive bay(s) Option A: Total 8 bay(s) 8 front hot-swap 2.5" NVMe/SAS/SATA drive bay(s)	
Power supplies	2000W Redundant Titanium Level power supplies	
Dimensions	Height: 40 mm Width: 73.5 mm Length: 265 mm(max.) *Dimensions do not include bezel	
GPU	Max GPU Count	1 VGA port(s) (Rear)
	Max GPU Count	AMD PCIe: Instinct MI210 NVIDIA PCIe: H100, L40, RTX A6000, RTX 6000 ADA, L40S, A100, RTX A5500, RTX A4000, L4, A30
	CPU-GPU Interconnect	PCIe 5.0 x16 CPU-to-GPU Interconnect
	GPU-GPU Interconnect	NVIDIA® NVLink® Bridge (optional)
Embedded management	Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	
Security	Trusted Platform Module (TPM) 2.0 Silicon Root of Trust (RoT) – NIST 800-193 Compliant	
I/O & Ports	Video	1 VGA port(s) (Rear)
	Serial	1 COM port(s) (Rear)
	Audio	Front Audio
	TPM	1 TPM Onboard/port 80
Supported operating systems	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 60°C (-40°F to 140°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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