

Vantageo 2440-RS-N

Flexible, Scalable, and Secure



Quad Socket E (LGA-4677) 4th Gen Intel® Xeon® Scalable processors

Key Applications

1. Artificial Intelligence (AI)
2. ERP, CRM
3. In-Memory Database
4. SAP HANA
5. Business Intelligence
6. Scientific Virtualization
7. HCI

Key Features

1. Quad Socket E (LGA-4677) 4th Generation Intel® Xeon® Scalable processors
2. 64 DIMM Slots; Up to 8TB DDR5-4800MHz ECC RDIMM/RDIMM-3DS
3. Optional PCIe configurations up to 8 PCIe slots with support for two double-width GPU/Accelerator cards
4. Flexible networking options with 2 AIOM networking slot (OCP NIC 3.0 compatible)

Vantageo 2440-RS-N			
Features		Technical Specification	
Processor		Quad Socket E (LGA-4677) 4th Gen Intel® Xeon® Scalable processors	
Chip Set		Intel® C741	
Memory		Slot Count: 64 DIMM slots Max Memory (2DPC): Up to 8TB 4800MT/s ECC DDR5 RDIMM	
Drive bays		Default: Total 8 bay(s) 8 front hot-swap 2.5" SATA drive bay(s) Option A: Total 24 bay(s) 24 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bay(s)	
Power supplies		4x 1600W Redundant (2 + 2) Titanium Level power supplies	
Dimensions		Height: 3.5" (87.9 mm) Width: 17.3" (438.4 mm) Depth: 33.4" (849.3 mm) *Dimensions do not include bezel	
GPU	Max GPU Count	Up to 2 double-width GPU(s)	
	Supported GPU	NVIDIA PCIe: RTX A6000	
	CPU-GPU Interconnect	PCIe 5.0 x16 CPU-to-GPU Interconnect	
	GPU-GPU Interconnect	PCIe	
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	LAN	1 RJ45 1 GbE Dedicated IPMI LAN port(s)	
	USB	2 USB 3.0 port(s) (rear), 2 USB 2.0 port(s) (front)	
	Video	1 VGA port(s), 1 DisplayPort port(s)	
	Serial	1 COM port(s) (Rear)	
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) Non-operating Relative Humidity: 5% to 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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