

Vantageo 2240-RA

Flexible, Scalable, and Secure



Vantageo 2240-RA, a 2U all flash server solution, supports dual 4th Gen Intel® Xeon® Scalable Processors (codename Sapphire Rapids), 32x DDR5 RDIMM, and 4x PCIe GEN5 extensions.

Vantageo 2240-RA has 24 × 2.5" (front) NVMe and 2 × 2.5" SATA (rear) hot-swappable bays to provide highest storage density and optimized performance for the applications.

1. 2U all-flash server solution
2. 24 x 2.5" front NVMe hot-swappable bays and 2 x 2.5" rear SATA hot-swappable bays
3. Supports dual 5th Gen Intel® Xeon® Scalable Processors (codename: Emerald Rapids)
4. Supports dual 4th Gen Intel® Xeon® Scalable Processors (codename: Sapphire Rapids)
5. 32x DDR5 RDIMM and 4x PCIe Gen5 extensions

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Features	Technical Specification
Processor	5th Gen Intel® Xeon® Scalable Processors (Emerald Rapids) 4th Gen Intel® Xeon® Scalable Processors (Sapphire Rapids) Supports CPU TDP up to 350W
Chip Set	Intel® Emmitsburg PCH (C741 Chipset)
Memory	DDR5 4800MHz (1DPC) DDR5 5600MHz (1DPC) 4400MTS (2DPC) by Emerald Rapids CPU Total 32 memory slots; 16 slots per CPU (2DPC)
On-board Devices	SATA/NVMe :Intel® Emmitsburg PCH on-chip solution• 2 x SATA 6.0 Gb/s by slimline x8 M.2: 2 x M.2/M-Key/22110/2280 (PCIe Gen4) BMC :Aspeed AST2600 Advanced PCIe Graphics & Remote Management Processor, Baseboard Management Controller, Intelligent Platform Interface 2.0 (IPMI 2.0), iKVM, Media Redirection, IPMI over LAN, Serial over LAN, HTML5, Redfish, SMASH Support Network Controllers :Realtek RTL8211E for BMC dedicated management portGraphics :Aspeed AST2600 Advanced PCIe Graphics & Remote Management Processor, PCIe Graphic/2D Controller, 1920x1200@60Hz 32bpp
Front Panel	1 x System power on/off button/LED, 1 x System reset button, 1 x System ID button/LED, 1 x System alert (BMC), 2 x USB 3.0
Drive Bays	External : 24 x 2.5" hot swap (PCIe 5.0 U.2 NVMe), 2 x 2.5" hot swap (SATA, 15mm, rear) Internal : 2 x M.2/M-Key/22110/2280 (PCIe Gen4)
Backplane	3 x 8-bay NVMe PCIe Gen 5
Expansion Slots (PCIe 5.0)	2 x PCIe X16 slots (FHHL)(Reserve GPU card support retention mechanical bracket) 2 x OCP 3.0 bays (PCIe X16 width)
System BIOS	BIOS Type : AMI UEFI BIOS BIOS Features : ACPI, PXE, WOL, AC loss recovery, BIOS recovery, IPMI 2.0 KCS mode interface, SRIOV, SMBIOS, TPM, Serial console redirection, PCIe hotplug
Rear I/O	LAN: 1 x GbE RJ45 dedicated BMC management, USB: 2 x USB 3.2 Gen1 Type A, Video Output: 1 x Mini DisplayPort, 1 x external VGA port, Serial Port:1 x RJ45 (COM)
Power Supply	2000W redundant power supply 80+ Platinum/Titanium
System Cooling	6 x 60x56mm easy swap fans ABS material plastic air-duct (clear)
Gross Weight (w/PSU & Rail)	kgs : 29 lbs : 63.9
Packaging Dimensions (W x D x H)	mm : 605 x 1210 x 320, inches : 23.6 x 47.6 x 12.5
Mounting	Standard : 28" tool-less slide rail
operating Environment	Storage temperature : -10°C(14°F) ~ 60°C(140°F) Storage operating humidity : 5%~95% non-condensing Operating temperature : 0°C(32°F) ~ 35°C(95°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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