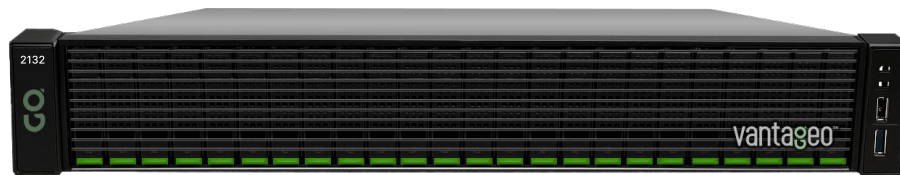


Vantage 2260-RM Server

Flexible, Scalable, and Secure



The Vantage 2260-RM is a high-performance 2U rack server designed by Vanatgeo for enterprise, AI, and cloud storage environments. It supports dual Intel® Xeon® 6500/6700-series processors, delivering exceptional computing power with up to 32 DDR5 DIMM slots for high-speed memory performance. Built on a DC-MHS modular architecture, the system ensures scalability, efficient cooling, and simplified maintenance. The "2260-RM" variant features 24 front-accessible hot-swap 2.5" U.2 NVMe drive bays, providing outstanding storage density for data-intensive workloads. It also includes redundant 2700 W 80 PLUS Titanium power supplies, ASPEED AST2600 BMC with IPMI and Redfish management, and multiple PCIe 5.0 expansion slots for networking or GPU integration. With its balanced combination of compute, storage, and expansion capabilities, the Vanatgeo 2260-RM is an ideal solution for high-speed storage arrays, virtualization, AI inference, and data-center infrastructure deployments.

Key Features

- 2U (DC-MHS architecture)
- Dual Intel® Xeon® 6700 series processors, TDP up to 350W
- (32) DDR5 RDIMM, 8 channels per CPU(2DPC), up to 6400MT/s(1DPC) and 5200MT/s(2DPC)
- (24) Front hot-swap 2.5" U.2 PCIe 5.0 x4 NVMe drive bays
- (2) Rear hot-swap E1.S 9.5mm PCIe 5.0 x4 NVMe drive bays
- (2) 2280/22110 PCIe 5.0 x2 NVMe M.2 ports
- Max (3) PCIe 5.0 x16 expansion slots
- (1) PCIe 5.0 x16 OCP3 NIC Mezzanine slot (NCSI supported)
- (1) 1000Base-T Dedicated Server Management port with:
 - ASPEED AST2600 with IPMI 2.0 & DMTF Redfish support
- Dual BIOS & BMC
- TPM2.0 and Hardware Root of Trust module are supported as optional

Application

- Cloud Computing Service
- Content Delivery Network
- AI Inference and Fine-tuning

Technical details

Form Factor	2U Rack Server
Processor	Dual Intel® Xeon® 6700E-series, 6500P-series and 6700P-series processors, TDP up to 350W
Socket	(2) LGA4710 (Socket E2)
Memory Capacity	(32) DDR5 DIMM Slots, 8 channels per CPU(2DPC), RDIMM/RDIMM-3DS/MRDIMM - Max. Frequency: RDIMM: 6400MT/s(1DPC), 5200MT/s(2DPC) MRDIMM: 8000MT/s(only support 1DPC) - Max. Capacity per DIMM: 256GB(RDIMM), 64GB(MRDIMM) *MRDIMMs are only supported with Intel® Xeon® 6 P-core series processors
Drive Bays	(24) Front hot-swap 2.5" U.2 PCIe 5.0 x4 NVMe drive bays (12 from CPU0, 12 from CPU1) (2) Rear hot-swap E1.S 9.5mm PCIe 5.0 x4 NVMe drive bays (CPU1)
Internal Storage	(2) 2280/22110 PCIe 5.0 x2 NVMe M.2 ports (CPU0)
Expansion Slots	(2) PCIe 5.0 x16 FHFL double wide slot supports max 400W* PCIe card (1 from CPU0, 1 from CPU1) * PCIe cards with TDP over 350W supported under specific conditions. Please contact our representative for details. (1) PCIe 5.0 x16 FHFL double wide slot supports PCIe card (CPU1)
Networking	(1) PCIe 5.0 x16 OCP3 NIC Mezzanine slot (CPU0, NCSI supported)
RAID	NVMe RAID 0/1/5/10 support (Intel® VROC RAID key required)
Front I/O	(24) Hot-swap 2.5" U.2 drive bays (1) USB 3.0 Type-A Port (1) USB 2.0 Type-A Port (1) System Power LED Button (1) UID LED Button (1) Reset Button (4) Status LEDs: Fault/LAN/M.2
Rear I/O	(2) Hot-swap E1.S 9.5mm drive bays (1) 1000Base-T Dedicated Server Management Port (1) COM USB Type A port (1) USB 2.0 Type-A Port (1) Mini Display port (1) Power LED(Green) Button (1) UID LED(Blue) Button (1) Status LEDs: Green/Red
Security	Chassis Intrusion TPM2.0 module supported (optional) ASPEED AST1060 Hardware Root of Trust module supported (optional)
Server Management	(1) 1000Base-T Dedicated Server Management Port ASPEED AST2600 with AMI MegaRAC based firmware supporting IPMI 2.0 and DMTF Redfish API Dual BIOS and dual BMC eMMC for local BMC storage media
Cooling	(2) EVAC air cooling modules for max. 350W CPU (6) 6056 Hot-swap System Fans

Power Supply	(1+1) Redundant 2700W CRPS 80PLUS Titanium Dimension (WxHxL): 73.5 x 40 x 185 mm Rating: AC Input: 100-127Vac, 12A, 50-60Hz Output: Max 1008W, DC +12V/84A, +12Vsb/3A AC Input: 200-240Vac, 16A, 50-60Hz Output: Max 2700W, DC +12V/225A, +12Vsb/3A DC Input: 240V, 16A Output: Max 2700W *C19 power cords are required and will be offered as optional accessories.
Dimensions	438mm(17.2") Wx 87mm(3.4") Hx 770mm(30.3")D
Environment	System Operating Temperature: 0°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -20°C ~ 70°C (-4°F to 158°F) Non-operating Relative Humidity: 5% to 85% (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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