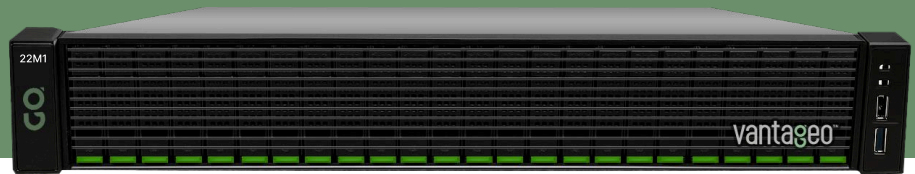


Vantageo 22M1-RG

Flexible, Scalable, and Secure



AMD EPYC™ 7002 series processor family Dual processor, 7nm technology Up to 64-core, 128 threads per processor CPU TDP up to 280W

Key Features

- AMD EPYC™ 7002 series processor family
- 8-Channel RDIMM/LRDIMM DDR4 per processor, 16 x DIMMs
- 2 x 10Gb/s BASE-T LAN ports (Broadcom® BCM57416)
- 1 x Dedicated management port
- 4 x 7-pin SATA 6Gb/s ports
- 3 x SlimSAS with 12 x SATA 6Gb/s or 3 x U.2 PCIe Gen4 x4 ports
- 2 x SlimSAS with 2 x U.2 PCIe Gen4 x4 ports
- 1 x M.2 slot with PCIe Gen4 x4 bandwidth
- Up to 5 x PCIe Gen4 expansion slots

Vantageo 22M1-RG	
Features	Technical Specification
CPU	AMD EPYC™ 7002 series processor family Dual processor, 7nm technology Up to 64-core, 128 threads per processor CPU TDP up to 280W
Socket	2 x LGA 4094 Socket SP3
Chipset	System on Chip
Form Factor	2U Rack Mount
Memory	16 x DIMM slots DDR4 memory supported only 8-Channel memory architecture RDIMM modules up to 128GB supported LRDIMM modules up to 128GB supported Memory speed: Up to 3200 MHz
LAN	2 x 10GbE BASE-T LAN ports (1 x Broadcom® BCM57416) 1 x 10/100/1000 management LAN
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp
Drive Bays	8 x 2.5" / 3.5" SAS / SATA Hotswap Drive Bays
Power Supply	Hot Swap 800W Power supply (Platinum Level)
SATA	4 x 7-pin SATA 6Gb/s ports *3 x SlimSAS with 12 x SATA 6Gb/s or 3 x U.2 PCIe Gen4 x4 ports
RAID	N/A
Expansion Slots	Slot_6: 1 x PCIe x16 (Gen4 x16 bus) slot, from CPU_0 Slot_4: 1 x PCIe x16 (Gen4 x16 bus) slot, from CPU_0 Slot_3: 1 x PCIe x16 (Gen4 x16 bus) slot, from CPU_1 Slot_2: 1 x PCIe x16 (Gen4 x8 bus) slot, from CPU_0 Slot_1: 1 x PCIe x16 (Gen4 x8 bus) slot, from CPU_1 2 x U.2 ports: SlimSAS 4i type - PCIe Gen4 x4, from CPU_0 1 x M.2 slot: - M-key - PCIe Gen4 x4, from CPU_0 - Supports 2280/22110 cards
Internal I/O	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors 5 x SlimSAS connectors 4 x SATA 7-pin connectors 1 x M.2 slot 2 x CPU fan headers 4 x System fan headers 1 x USB 3.0 header 1 x USB 2.0 header 1 x COM_2 header 1 x TPM header 1 x Front panel header 1 x PMBus connector 1 x IPMB connector 1 x Clear CMOS jumper 1 x BIOS recovery jumper

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Vantageo 22M1-RG	
Features	Technical Specification
Rear I/O	2 x USB 3.0 1 x VGA 1 x COM_1 2 x RJ45 1 x MLAN 1 x ID button with LED
TPM	1 x TPM header with SPI interface Optional TPM2.0
OS Supported	Windows Server 2016 (X2APIC/256T not supported) Windows Server 2019 Red Hat Enterprise Linux 7.6 (x64) or later Red Hat Enterprise Linux 8.0 (x64) or later Red Hat Enterprise Linux 9.0 (x64) or later SUSE Linux Enterprise Server 12 SP4 (x64) or later SUSE Linux Enterprise Server 15 SP1 (x64) or later Ubuntu 16.04.6 LTS (x64) or later Ubuntu 18.04.3 LTS (x64) or later Ubuntu 20.04 LTS (x64) or later VMware ESXi 6.5 EP15 or later VMware ESXi 6.7 Update3 or later VMware ESXi 7.0 or later VMware ESXi 8.0 or later Citrix Hypervisor 8.1.0 or later
Board Management	Aspeed® AST2500 management controller Vantageo Management Console (AMI MegaRAC SP-X) web interface <ul style="list-style-type: none"> • Dashboard • HTML5 KVM • Sensor Monitor (Voltage, RPM, Temperature, CPU Status ...etc.) • Sensor Reading History Data • FRU Information • SEL Log in Linear Storage / Circular Storage Policy • Hardware Inventory • Fan Profile • System Firewall • Power Consumption • Power Control • LDAP / AD / RADIUS Support • Backup & Restore Configuration • Remote BIOS/BMC/CPLD Update • Event Log Filter • User Management • Media Redirection Settings • PAM Order Settings • SSL Settings • SMTP Settings
PSU Connectors	1 x 24-pin ATX main power connector 2 x 8-pin ATX 12V power connectors
Operating Properties	Operating temperature: 10°C to 40°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Dimension (D*W*H)	650 * 435 * 90 mm
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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