

Vantageo 22M1-RG

Features	Technical Specification	
Processor	AMD EPYC™ 7003 processors with AMD 3D V-Cache™ Technology AMD EPYC™ 7003 series processors Dual processor, 7nm technology Up to 64-core, 128 threads per processor CPU TDP up to 280W Compatible with AMD EPYC™ 7002 series processors	
Chip Set	System on Chip (SoC)	
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 3DS RDIMM/LRDIMM modules up to 256GB supported Memory speed: Up to 3200 MHz	
Drive bays	Hot Swap 12 hot-swap 3.5" Drive Bays: 12 SATA3 by default or 8 SATA3 + 4 NVMe via optional kit or 12 SAS3 via optional SAS kit Backplane	
Power supplies	Redundant CRPS 1+1,1600W/1000W	
Dimensions	Form factor: Rack (2U)	Height: 90mm Width - 490mm Length - 723mm Weight - Max 32 Kg. *Dimensions do not include bezel
Embedded management	Aspeed® AST2600 management Console web interface AMI MegaRAC SP-X web interface	
I/O & Ports	SATA - 12 SATA3 (6Gbps) port(s) LAN - 2 RJ45 1 Gigabit Ethernet LAN ports USB - 2 USB 3.0 ports Video Output - 1 VGA Serial Port - 1 COM Port rear	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 1 x M.2 slot: Supports 2280/22110 cards 2 x SlimSAS ports: TPM - 1 TPM Header
Supported operating systems	Windows Server 2016 (X2APIC/256T not supported) Windows Server 2019 Windows Server 2022 Red Hat Enterprise Linux 8.3 (x64) or later Red Hat Enterprise Linux 9.0 (x64) or later SUSE Linux Enterprise Server 12 SP5 (x64) or later SUSE Linux Enterprise Server 15 SP2 (x64) or later Ubuntu 18.04.5 LTS (x64) or later Ubuntu 20.04 LTS (x64) or later Ubuntu 22.04 LTS (x64) or later	VMware ESXi 6.7 Update3 P03 or later VMware ESXi 7.0 Update1 or later VMware ESXi 8.0 or later Citrix Hypervisor 8.2.0 or later
Operating Environment	Operating Temp. 10°C to 40°C (50° F~104° F) Non Operating Temp. -40°C to 60°C (-40° F~140° F)	In/Non Operating Humidity 95%, non-condensation 35° C
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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