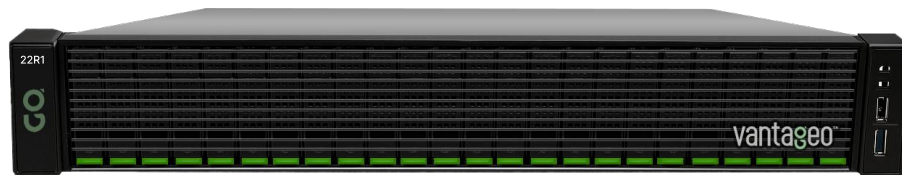


Vantage 22R1-RG Server

Flexible, Scalable, and Secure



The Vantage 22R1-RG is a high-performance dual-socket server platform designed for enterprise and data center applications. Featuring the AMD EPYC™ 7003/7002 series processors, this system offers cutting-edge computing power, high memory bandwidth, and extensive storage and networking capabilities. With PCIe Gen4 expansion, DDR5 memory support, and remote management, it is built for scalability, reliability, and efficiency.

Key Features

- Dual AMD EPYC™ 7003/7002 Series Processors (with AMD 3D V-Cache™ Technology)
- 8-Channel DDR4 RDIMM/LRDIMM, 16 x DIMMs
- 2 x 10Gb/s LAN ports via Broadcom® BCM57416
- 3 x SlimSAS connectors with PCIe Gen4 x4 or SATA interface
- 2 x SlimSAS connectors with PCIe Gen4 x4 interface
- 4 x SATA 6Gb/s ports
- 1 x M.2 slot with PCIe Gen4 x4 interface
- 5 x PCIe Gen4 x16 and x8 expansion slots

Technical details

Vantageo 22R1-RG

Form Factor	2U
CPU	AMD EPYC™ 7003 Series processors Dual processors, 7nm, cTDP up to 280W Up to 64-core, 128 threads per processor, Socket SP3 Compatible with AMD EPYC™ 7002 Series processors
Chipset	System on Chip
Memory Capacity	8-Channel DDR4 memory, 16 x DIMM slots RDIMM/LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported Memory speed: Up to 3200/ 2933 MHz
LAN	2 x 10GbE LAN ports (1 x Broadcom® BCM57416B) 1 x 10/100/1000 management LAN
Video	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM
SATA	4 x 7-pin SATA 6Gb/s ports 3 x SlimSAS (for 12 x SATAIII or 3 x NVMe PCIe Gen4 x4) ports
Expansion Slots	3 x PCIe x16 (Gen4 x16) slots 2 x PCIe x16 (Gen4 x8) slots 1 x M.2 slot: - M-key, PCIe Gen4 x4, supports NGFF-2280/22110 cards 2 x U.2 ports: - SlimSAS 4i type, PCIe Gen4 x4 per port
TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
Rear I/O	2 x USB 3.0, 1 x VGA, 1 x COM_1, 2 x RJ45, 1 x MLAN
Internal I/O	5 x SlimSAS 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
HDD Bays	2U 12 X 3.5" Hot swap HDD bays
Power Supply	800W Redundant Power Supply
OS Compatibility	Windows Server 2016 / 2019 RHEL 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 18.04.5 LTS (x64) / 20.04 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update1 or later Citrix Hypervisor 8.2.0 or later
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)

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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