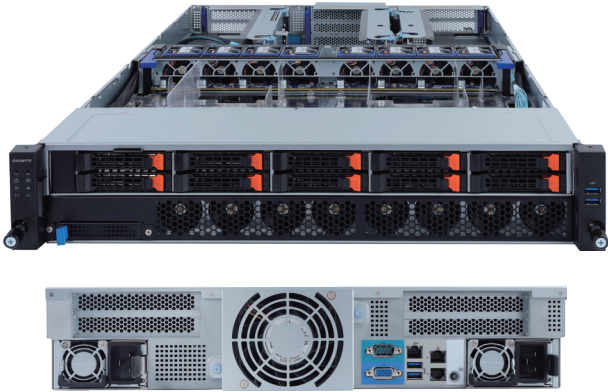


R292-4S0

Rack Server - 2U 4-Way Processor 4GPU



Features

- Quad 3rd Gen. Intel® Xeon® Scalable Processors
- Supports up to 4 x double slot GPU cards
- 6-Channel RDIMM/LRDIMM DDR4, total 48 x DIMMs
- Supports Intel® Optane™ Persistent Memory 200 series
- Dual 10Gb/s LAN ports (Intel®X710-AT2)
- 1 x Dedicated management port
- 10 x 2.5" NVMe/ SAS/ SATA hot-swap HDD/SSD bays
- 1 x M.2 with PCIe Gen3 x2 bandwidth
- 6 x PCIe Gen3 expansion slots
- 1 x OCP Gen3 x16 mezzanine slots in front side
- 2+0 3200W 80 PLUS Platinum power supply

Specification

Dimensions	2U (W438 x H87.5 x D858 mm)	Internal I/O	10 x SlimSAS 8i connectors (Gen3 x8), 1 x M.2 slot
Motherboard	MRQ2-4S0	Front I/O	-
CPU	3rd Generation Intel® Xeon® Scalable Processors Intel® Xeon® Platinum 8300, Intel® Xeon® Gold 6300 6 UPI Links per processor TDP up to 165W	Rear I/O	2 x USB 3.0, 1 x VGA, 1 x COM, 2 x RJ45, 1 x MLAN
Socket	4 x LGA 4189, Socket P5	Backplane I/O	CBP10A5: 10 x NVMe/ SAS/ SATA hybrid ports
Chipset	Intel® C621A Express Chipset	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
Memory	6-Channel DDR4 memory, 48 x DIMM slots RDIMM modules up to 64GB supported LRDIMM modules up to 128GB supported Supports Intel® Optane™ Persistent Memory 200 series 1.2V modules: 3200 (1DPC)/2933 (2DPC) MHz	Power Supply	Dual 3200W 80 PLUS Platinum power supply AC Input: 100-240V
LAN	2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2) 1 x 10/100/1000 management LAN	System Management	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Video	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	OS Compatibility	Windows Server 2016 / 2019 RHEL 7.9 (x64) / 8.2 (x64) /8.3 (x64) SLES 15 SP2 (x64) Ubuntu 20.04 LTS (x64) / 20.04.1 LTS (x64) VMware ESXi 7.0 U1 / 7.0 U2 Citrix Hypervisor 8.2.0 LTSR
Storage	10 x 2.5" NVMe/ SAS/ SATA hot-swappable HDD/SSD bays SAS card is required for SAS devices support	System Fans	16 x 40x40x56mm (29,000rpm) 1 x 80x80x38mm (16,300rpm)
RAID	Intel® SATA RAID 0/1/10/5	Operating Properties	Operating temperature: 10°C to 35°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
Expansion Slots	Total 6 x FHFL PCIe x16 slots (Gen3 x16) - Supports 4 x dual-slot GPUs or 6 x PCIe HBAs 1 x OCP3.0 mezzanine slot - PCIe Gen3 x16 - Supports OCP3.0 SFF standard 1 x M.2 slot: - M-key, PCIe Gen3 x2 - Supports NGFF-2280 cards	Packaging Content	1 x R292-4S0 4 x CPU heatsinks 1 x Rail kit
		Part Numbers	Barebone package: 6NR2924S0MR-00 - Motherboard: 9MRQ24S0NR-00 - Rail kit: 25HB2-3A0202-K0R - CPU heatsink: 25ST1-243104-C1R



Learn more about GIGABYTE server solutions, visit www.gigabyte.com/Enterprise

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