

R282-G30

Intel Xeon Rack Server - 2U 12-Bay GPU & NVMe sku



Features

- Supports up to 3 x double slot GPU cards
- 3rd Gen. Intel® Xeon® Scalable Processors
- 8-Channel RDIMM/LRDIMM DDR4 per processor, 32 x DIMMs
- Dual ROM technology supported
- 2 x 1Gb/s LAN ports (Intel® I350-AM2)
- 1 x Dedicated management port
- 8 x 3.5" SATA/SAS hot-swappable HDD/SSD bays
- 4 x 3.5" SATA/SAS/NVMe hot-swappable HDD/SSD bays
- 5 x PCIe Gen4 x16 expansion slots
- 1 x OCP 3.0 Gen4 x16 mezzanine slot
- 1 x OCP 2.0 Gen3 x8 mezzanine slot
- 2400W (240V) 80 PLUS Platinum redundant power supply

Specification

Dimensions	2U (438 x 43.5 x 730 mm)	Front I/O	2 x USB 3.0
Motherboard	MR92-FS1	Rear I/O	2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN
CPU	3rd Gen Intel® Xeon® Scalable Processors Intel® Xeon® Platinum Processor, Intel® Xeon® Gold Processor, Intel® Xeon® Silver Processor 10nm technology, CPU TDP up to 270W 2 x LGA 4189 sockets (Socket P+)	Backplane I/O	Front_CBP20C5: 8 x SATA/SAS & 4 x SATA/SAS/NVMe ports
Chipset	Intel® C621A Express Chipset	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
Memory	8-Channel DDR4 memory, 32 x DIMM slots RDIMM/LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported 1.2V modules: 3200/2933/2666 MHz	Power Supply	1+1 2400W (240V) 80 PLUS Platinum redundant power supply
LAN	2 x 1GbE LAN ports (1 x Intel® I350-AM2) 1 x 10/100/1000 management LAN	System Management	Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Video	Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	OS Compatibility	Windows Server 2016 / 2019 RHEL 8.2 (x64) / 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 20.04 LTS (x64) / 20.04.1 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update2 Citrix Hypervisor 8.2.0
Storage	8 x 3.5"/2.5" SATA/SAS hot-swap HDD/SSD bays 4 x 3.5"/2.5" SATA/SAS/Gen4 NVMe hot-swap HDD/SSD bays SAS card is required for SAS devices support	System Fans	4 x 80x80x38mm (16'300rpm)
RAID	RAID Level depends on SAS Card	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	3 x PCIe x16 slot (Gen4 x16), FHFL 2 x PCIe x16 slot (Gen4 x16), FHHL 1 x OCP 3.0 mezzanine slot (Gen4 x16) - Supported NCSI function 1 x OCP 2.0 mezzanine slot (Gen3 x8) - Supported NCSI function	Packaging Content	1 x R282-G30, 2 x CPU heatsinks 1 x Rail kit
		Reference Numbers	Barebone package: 6NR282G30MR-00 - Motherboard: 9MR92FS1NR-00 - Rail kit: 25HB2-3A0202-K0R - CPU heatsink: 25ST1-453204-M1R - VROC module: 25FD0-R181N0-10R (in option)



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

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