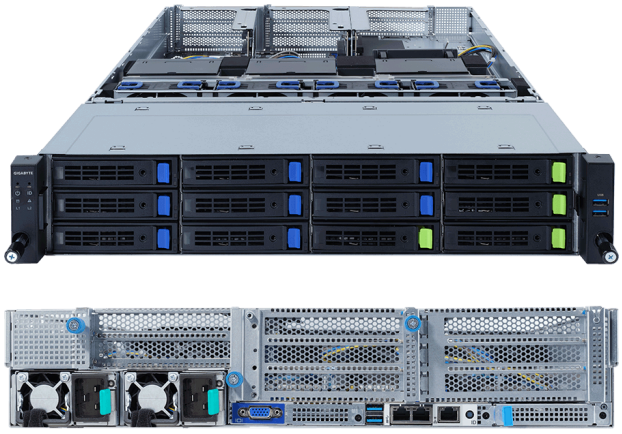
GIGABYTE™

R282-G30 (Rev. 100)

Rack Server - 3rd Gen Intel® Xeon® Scalable - 2U DP 3 x PCIe Gen4 GPUs



Key Features

- NVIDIA-Certified Systems™ - Data Center Servers
- Supports up to 3 x Dual slot Gen4 GPUs
- Dual 3rd Gen Intel® Xeon® Scalable Processors
- 8-Channel DDR4 RDIMM/LRDIMM, 32 x DIMMs
- Supports Intel® Optane™ Persistent Memory 200 series
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 4 x 3.5"/2.5" Gen4 NVMe/SATA/SAS hot-swap bays
- 8 x 3.5"/2.5" SATA/SAS hot-swap bays
- 5 x FHFL PCIe Gen4 x16 slots
- 1 x OCP NIC 3.0 PCIe Gen4 x16 slot
- 1 x OCP 2.0 Gen3 x8 mezzanine slot
- 1+1 2400W 80 PLUS Platinum redundant power supplies **(-100)**
- 1+1 2700W 80 PLUS Titanium redundant power supplies **(-1T0)**

Specification

Dimensions	2U (W438 x H87.5 x D730 mm)
Motherboard	MR92-FS1
CPU	3rd Generation Intel® Xeon® Scalable Processors Dual processor, TDP up to 270W
Socket	2 x LGA 4189
Chipset	Intel® C621A
Memory	8-channel DDR4 RDIMM/LRDIMM, 32 x DIMMs Up to 3200/2933/2666 MT/s
LAN	2 x 1Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mbps Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x VGA port
Storage	**Front hot-swap:** 4 x 3.5"/2.5" Gen4 NVMe/SATA/**SAS** [1] 8 x 3.5"/2.5" SATA/**SAS** [1] [1] SAS card is required to support SAS drives.
RAID	Intel® SATA RAID 0/1/10/5 Onboard VROC key header
PCIe Expansion Slots	5 x FHFL PCIe Gen4 x16 1 x OCP NIC 3.0 PCIe Gen4 x16, Support NCSI 1 x OCP 2.0 Gen3 x8 mezzanine, Support NCSI
I/O Ports	**Front:** 2 x USB 3.0 **Rear:** 2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN
Backplane Board	PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s
TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Power Supply	1+1 2400W 80 PLUS Platinum redundant power supplies (-100) 1+1 2700W 80 PLUS Titanium redundant power supplies (-1T0) AC Input: 100-240V *The system power supply requires C19 power cord.
System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
System Fans	4 x 80x80x38mm
Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Packaging Content	1 x R282-G30 2 x CPU heatsinks 2 x GPU power cables (CPU 8pin, 150mm) 1 x GPU power cable (CPU 8pin, 350mm) 1 x 2-Section Rail kit
Ordering Part Numbers	6NR282G30MR-00-1*
Optional Parts	- VROC module: 25FD0-R181N0-10R (Supported for Intel SSD only) - C19 power cord 125V/15A (US): 25CP1-018000-Q0R - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R - 3-Section Rail kit (Supports CMA): 25HB2-AA6105-K0R - Cable Management Arm: 25HB1-R18300-K0R

Learn more at: https://www.gigabyte.com/Enterprise

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