

R282-G30

Rack Server - 2U DP 3 x PCIe Gen4 GPUs

 NVIDIA
Certified



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-swappable bays
- 8 x 3.5"/2.5" SATA/SAS hot-swappable bays
- 5 x FHFL PCIe Gen4 x16 slots
- 1 x OCP 3.0 Gen4 x16 slot
- 1 x OCP 2.0 Gen3 x8 mezzanine slot
- 1+1 2400W 80 PLUS Platinum redundant power supplies

Specification

Dimensions	2U (W438 x H87.5 x D730 mm)	I/O Ports	Front: 2 x USB 3.0 Rear: 2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN Internal: 1 x TPM header, 1 x VROC connector
Motherboard	MR92-FS1	TPM	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
CPU	3rd Generation Intel® Xeon® Scalable Processors Dual processor, 10nm technology TDP up to 270W 2 x LGA 4189 sockets (Socket P+)	Power Supply	1+1 2400W 80 PLUS Platinum redundant power supplies (-100) 1+1 2700W 80 PLUS Titanium redundant power supplies (-170) AC Input: 100-240V Note: The system power supply requires C19 power cord.
Chipset	Intel® C621A Express Chipset	System Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Memory	8-Channel DDR4 memory, 32 x DIMM slots RDIMM modules up to 128GB supported LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported 1.2V modules: 3200/2933/2666 MHz	OS Compatibility	Windows Server, Red Hat Enterprise Linux , VMware ESXi , SUSE Linux Enterprise Server, Ubuntu, Citrix Hypervisor
LAN	2 x 1Gb/s LAN ports (1 x Intel® I350-AM2) - Supported NCSI function 1 x 10/100/1000 management LAN	System Fans	4 x 80x80x38mm (16,300rpm)
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	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)
Storage	Front: 4 x 3.5"/2.5" Gen4 NVMe/SATA/SAS hot-swappable bays 8 x 3.5"/2.5" SATA/SAS hot-swappable bays SAS card is required for SAS devices support	Packaging Content	1 x R282-G30, 2 x CPU heatsinks, 1 x 2-Section Rail kit, 3 x GPU power cables Packaging Dimensions: 982 x 588 x 268 mm
RAID	Intel® SATA RAID 0/1/10/5	Part Numbers	Barebone package: 6NR282G30MR-00-1* - 2-Section Rail kit (CMA not supported): 25HB2-3A0202-K0R - CPU heatsink: 25ST1-453204-M1R - Power supply (-100): 25EP0-224000-D0S - Power supply (-170): 25EP0-227000-D0S - VROC module: 25FD0-R181N0-10R (optional) - C19 power cord 125V/15A (US): 25CP1-018000-Q0R (optional) - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R (optional) - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R (optional)
Expansion Slots	Riser Card CRS2014: - 1 x PCIe x16 (Gen4 x16) FHFL slot, for GPUs Riser Card CRS2026 x 2: - 2 x PCIe x16 (Gen4 x16) FHFL slots, for GPUs - 2 x PCIe x16 (Gen4 x16) FHFL slots 1 x OCP 3.0 slot (Gen4 x16) - Supported NCSI function 1 x OCP 2.0 mezzanine slot (Gen3 x8) - Supported NCSI function		



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Designed by



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