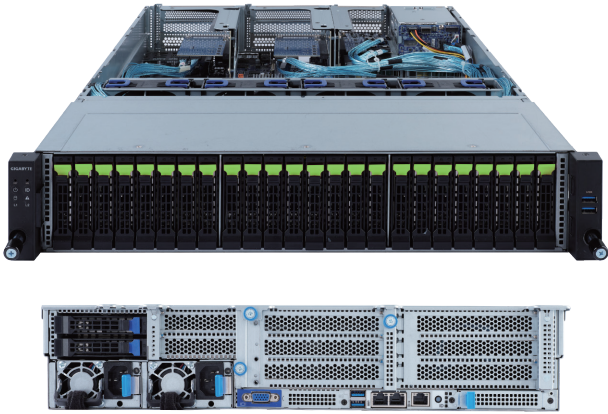


R282-N00

Rack Server - 2U DP 24+2-Bay NVMe/SATA/SAS



Features

- Dual 3rd Gen. Intel® Xeon® Scalable Processors
- 8-Channel RDIMM/LRDIMM DDR4 per processor, 32 x DIMMs
- Supports Intel® Optane™ Persistent Memory 200 series
- Dual ROM Architecture
- Intel® C621A Chipset
- 2 x 1Gb/s LAN ports (Intel® I350-AM2)
- 1 x Dedicated management port
- 24 x 2.5" Gen4 NVMe hot-swappable bays
- 2 x 2.5" SATA/SAS hot-swappable on rear side
- Supports GRAID SupremeRAID NVMe/NVMe-oF RAID Card
- 2 x FHHL PCIe Gen4 x16 slots
- 1+1 1600W 80 PLUS Platinum redundant power supplies

Specification

Dimensions	2U (W438 x H87.5 x D730 mm)	Backplane Board	Front - CBP2007: PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s Rear - CBP2022: SATA 6Gb/s or SAS 12Gb/s
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	Power Supply	1+1 1600W 80 PLUS Platinum redundant power supplies AC Input: 100-240V
Socket	2 x LGA 4189 sockets (Socket P+)	System Management	ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
Chipset	Intel® C621A Chipset	OS Compatibility	Windows Server, Red Hat Enterprise Linux , VMware ESXi , SUSE Linux Enterprise Server, Ubuntu, Citrix Hypervisor
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	System Fans	4 x 80x80x38mm (16,300rpm)
LAN	2 x 1Gb/s LAN ports (1 x Intel® I350-AM2) - Support NCSI function 1 x 10/100/1000 management LAN	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)
Video	ASPEED® AST2600 Integrated 2D Graphic Adapter	Packaging Content	1 x R282-N00, 2 x CPU heatsinks, 1 x 2-Section Rail kit Packaging Dimensions: 982 x 588 x 268 mm
Storage	Front: 24 x 2.5" Gen4 NVMe hot-swappable bays Rear: 2 x 2.5" SATA/SAS hot-swappable bays SAS card is required for SAS devices support	Part Numbers	Barebone package: 6NR282N00MR-00-1* - Motherboard: 9MR92FS1NR-00 - 2-Section Rail kit (CMA not supported): 25HB2-3A0202-K0R - CPU heatsink: 25ST1-343102-M1R - Power supply: 25EP0-216008-LO5 - VROC module: 25FD0-R181N0-10R (optional) - 3-Section Rail kit (Supports CMA): 25HB2-AA6105-K0R (optional) - GRAID SupremeRAID Core Software Module License (optional) a) 25FC1-SRBUN3-AFS (12-native NVMe RAID) b) 25FC1-SRBUN0-AFS (32-native NVMe RAID) c) 25FC1-SRBUN4-AFR (32-native Gen4 NVMe RAID)
RAID	Intel® SATA RAID 0/1		
Expansion Slots	2 x PCIe x16 slot (Gen4 x16), FHHL		
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		



Learn more at <https://www.GIGABYTE.com/enterprise>

Designed by



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