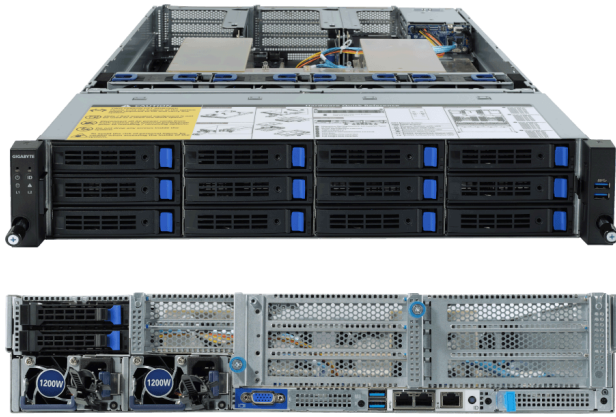


R282-Z90 (Rev. 100)

Rack Server - AMD EPYC™ 7002/7001 Series Processors -
2U DP 12+2-Bay SATA/SAS



Key Features

- Dual AMD EPYC™ 7002/7001 Series processors
- 8-Channel DDR4 RDIMM/LRDIMM per CPU with 32 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 12 x 3.5"/2.5" SATA/SAS hot-swap bays
- 2 x 2.5" SATA/SAS hot-swap bays on the rear side
- 1 x M.2 slot with PCIe Gen3 x4
- 6 x FHHL PCIe Gen4 x16 and x8 slots
- 2 x LP PCIe Gen4 x8 slots
- 1 x OCP 3.0 PCIe Gen4 x16 slot
- 1 x OCP 2.0 PCIe Gen3 x8 mezzanine slot
- Dual 1200 W 80 PLUS Platinum redundant power supplies

Applications

Networks Server...

Specification

Dimensions	2U (W438 x H87 x D730 mm)	PCIe Expansion Slots	2 x FHHL x16 (Gen4 x16) 4 x FHHL x8 (Gen4 x8) 2 x LP x8 (Gen4 x8) 1 x OCP NIC 3.0 (Gen4 x16), Support NCSI 1 x OCP 2.0 mezzanine (Gen3 x8), Support NCSI
Motherboard	MZ92-F50	I/O Ports	Front: 2 x USB 3.0 Rear: 2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN
CPU	AMD EPYC™ 7002 Series processors AMD EPYC™ 7001 Series processors Dual processors, cTDP up to 280 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Socket	2 x LGA 4094 (Socket SP3)	Power Supply	Dual 1200 W 80 PLUS Platinum redundant power supplies AC Input: 100-240 V *Select 1600 W power supply if using 280 W CPUs with full loading configuration.
Chipset	System on Chip	System Fans	4 x 80x80x38mm
Memory	8-Channel DDR4 RDIMM/LRDIMM, 32 x DIMMs Up to 3200/2933 MT/s	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)
LAN	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	Packaging Content	1 x R282-Z90 2 x CPU heatsinks 1 x 2-Section Rail kit
Video	Integrated in ASPEED® AST2500 - 1 x VGA port	Ordering Part Numbers	6NR282Z90MR-00-1*
Storage	Front hot-swap: 12 x 3.5"/2.5" SATA/SAS ^[1] Rear hot-swap: 2 x 2.5" SATA/SAS ^[1] Internal M.2: 1 x M.2 (2242/2260/2280/22110), PCIe Gen3 x4 ^[1] SAS card is required for SAS devices support.	Optional Parts	- 4 x NVMe kit: 6NR282Z9BSR-00-100 - 3-Section Rail kit (Supports CMA): 25HB2-AA6105-K0R - Cable Management Arm: 25HBZ-R18100-K0R



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

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