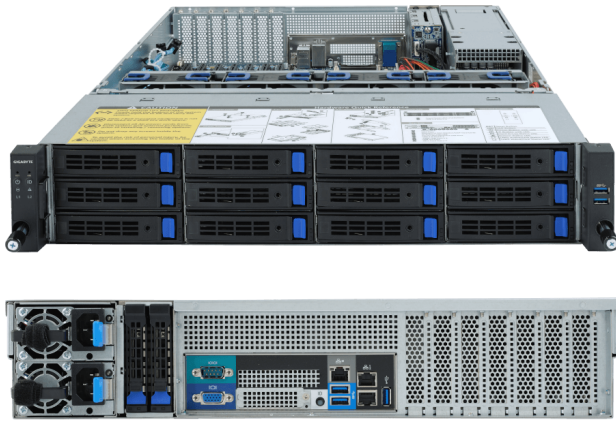


R272-Z30 (Rev. 100)

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



Key Features

- Single AMD EPYC™ 7002/7001 Series processors
- 8-Channel DDR4 RDIMM/LRDIMM per CPU with 16 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 4 x 3.5"/2.5" SATA/SAS hot-swap bays
- 8 x 3.5"/2.5" SATA/SAS hot-swap bays (**optional**)
- 2 x 2.5" SATA/SAS hot-swap bays on the rear side
- 2 x M.2 slots with PCIe Gen3 x4
- 4 x LP PCIe Gen4 x16 and x8 slots
- 2 x LP PCIe Gen3 x16 and x8 slots
- 1 x OCP 2.0 PCIe Gen3 x16 mezzanine slot
- Dual 800 W 80 PLUS Platinum redundant power supplies

Applications

Networks Server...

Specification

Dimensions	2U (W438 x H87.5 x D660 mm)
Motherboard	MZ32-AR0
CPU	AMD EPYC™ 7002 Series processors AMD EPYC™ 7001 Series processors Single processor, cTDP up to 240 W Conditional supports 280 W
Socket	1 x LGA 4094 (Socket SP3)
Chipset	System on Chip
Memory	8-Channel DDR4 RDIMM/LRDIMM, 16 x DIMMs Up to 3200/2933 MT/s
LAN	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN
Video	Integrated in ASPEED® AST2500 - 1 x VGA port
Storage	Front hot-swap: 4 x 3.5"/2.5" SATA/SAS ^[1] 8 x 3.5"/2.5" SATA/SAS ^[1] , from optional SAS HBA Rear hot-swap: 2 x 2.5" SATA/SAS ^[1] Internal M.2: 2 x M.2 (2242/2260/2280), PCIe Gen3 x4

^[1] SAS card is required for SAS devices support.

PCIe Expansion Slots	3 x LP x16 (Gen4 x16) 1 x LP x16 (Gen4 x8) 1 x LP x8 (Gen3 x0 or x8) 1 x LP x16 (Gen3 x16 or x8) 1 x OCP 2.0 mezzanine (Gen3 x16)(Type1, P1, P2, P3, P4; Type2 P5 with NCSI support)
I/O Ports	Front: 2 x USB 3.0 Rear: 3 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN
TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
Power Supply	Dual 800 W 80 PLUS Platinum Redundant power supplies AC Input: 100-240 V *Select 1200 W power supply if using 280 W CPU with full loading configuration.
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 R272-Z30 1 x CPU heatsink 1 x 2-Section Rail kit
Ordering Part Numbers	6NR272Z30MR-00-1*
Optional Parts	- 4 x U.2 kit: 6NR272Z3BSR-00* - Power cord 125 V/15 A (JP): 25CPA-018304-Q0R - Fan duct for 280 W CPU: 25HA8-R27231-S5R - 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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