

# R152-Z33 (Rev. 100)

Rack Server - AMD EPYC™ 7002/7001 -  
1U UP 10-Bay Gen4 NVMe



## Key Features

- Hardware-level root of trust support
- Supports GRAID SupremeRAID NVMe/NVMe-oF RAID Card
- Single AMD EPYC™ 7002/7001 Series Processors
- 8-Channel DDR4 RDIMM/LRDIMM, 16 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 10 x 2.5" Gen4 NVMe hot-swap bays
- 2 x M.2 slots with PCIe Gen4 x4 interface
- 1 x FHHL PCIe Gen4 x16 slot
- 1+1 1100 W 80 PLUS Platinum redundant power supplies

## Applications

Networks Server...

## Specification

<b>Dimensions</b>	1U (W438 x H43.5 x D660 mm)	<b>I/O Ports</b>	<b>Front:</b> 1 x USB 3.0 <b>Rear:</b> 3 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN
<b>Motherboard</b>	MZ32-AR1	<b>Backplane Board</b>	PCIe Gen4 x4
<b>CPU</b>	AMD EPYC™ 7002 Series Processors AMD EPYC™ 7001 Series Processors Single processor, cTDP up to 240 W - At 30°C ambient, cTDP up to 280 W	<b>TPM</b>	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
<b>Socket</b>	1 x LGA 4094 (Socket SP3)	<b>Power Supply</b>	1+1 1100 W 80 PLUS Platinum redundant power supplies AC Input: 100-240 V
<b>Chipset</b>	System on Chip	<b>System Management</b>	ASPEED® AST2500 Baseboard Management Controller GIGABYTE Management Console web interface
<b>Memory</b>	8-Channel DDR4 RDIMM/LRDIMM, 16 x DIMMs Up to 3200/2933 MT/s	<b>System Fans</b>	5 x 40x40x56mm
<b>LAN</b>	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	<b>Operating Properties</b>	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
<b>Video</b>	Integrated in ASPEED® AST2500 - 1 x VGA port	<b>Packaging Content</b>	1 x R152-Z33 1 x CPU heatsink 1 x 2-Section Rail kit
<b>Storage</b>	<b>Front hot-swap:</b> 10 x 2.5" Gen4 NVMe <b>Internal M.2:</b> 2 x M.2 (2242/2260/2280), PCIe Gen4 x4	<b>Ordering Part Numbers</b>	6NR152Z33MR-00-1*
<b>RAID</b>	Require RAID add-in cards	<b>Optional Parts</b>	- 3-Section Rail kit (Support CMA): 25HB2-AA6105-K0R - Cable Management Arm: 25HBZ-R18100-K0R - <b>GRAID SupremeRAID Core Software Module License</b> a) SupremeRAID License: 25FC1-SRBUN3-AFS (12-native NVMe RAID)
<b>PCIe Expansion Slots</b>	1 x FHHL x16 (Gen4 x16)		



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

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