

# E152-ZE1 (Rev. A00)

Edge Server - AMD EPYC™ 7003/7002 - 1U UP 2 x PCIe Gen4 GPUs



## Key Features

- Supports 1 x Dual slot or 2 x Single slot Gen4 GPUs
- Single AMD EPYC™ 7003/7002 Series Processors
- 8-Channel DDR4 RDIMM/LRDIMM, 8 x DIMMs
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 2 x 2.5" Gen4 NVMe/SATA hot-swap bays
- 2 x M.2 PCIe Gen4 x4
- 2 x FHFL PCIe Gen4 x16 for GPUs
- 1 x LP PCIe Gen4 x16
- 1 x OCP NIC 3.0 PCIe Gen4 x16
- 1+1 1000 W 80 PLUS Platinum redundant power supplies

## Applications

AI Platform, AI Inference Server, Servers for Hybrid/Private Cloud, Edge Server...

## Specification

<b>Dimensions</b>	1U (W438 x H43.5 x D400 mm)	<b>I/O Ports</b>	<b>Front:</b> 2 x USB 3.0, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
<b>Motherboard</b>	MZE2-G10	<b>Backplane Board</b>	PCIe Gen4 x4 or SATA 6 Gb/s
<b>CPU</b>	AMD EPYC™ 7003 Series Processors AMD EPYC™ 7002 Series Processors Single processor, cTDP up to 240 W	<b>TPM</b>	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
<b>Socket</b>	1 x LGA 4094	<b>Power Supply</b>	1+1 1000 W 80 PLUS Platinum redundant power supplies AC Input: 100-240 V
<b>Chipset</b>	System on Chip	<b>System Management</b>	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
<b>Memory</b>	8-Channel DDR4 RDIMM/LRDIMM, 8 x DIMMs Up to 3200/2933 MT/s	<b>System Fans</b>	1 x 40x40x28mm 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® AST2600 - 1 x Mini-DP	<b>Packaging Content</b>	1 x E152-ZE1 1 x CPU heatsink
<b>Storage</b>	<b>Front hot-swap:</b> 2 x 2.5" Gen4 NVMe/SATA [1] <b>Internal M.2:</b> 2 x M.2 (2280/22110), PCIe Gen4 x4  [1] Supports 7mm drives only.	<b>Ordering Part Numbers</b>	6NE152ZE1MR-00-A*
<b>RAID</b>	Require RAID add-in cards	<b>Optional Parts</b>	- 2-Section Rail kit (385-480mm): 25HB2-3A0204-K0R (MOQ: 500) - 2-Section Rail kit (660-840mm): 25HB2-3A0203-K0R
<b>PCIe Expansion Slots</b>	2 x FHFL PCIe Gen4 x16, for GPUs 1 x LP PCIe Gen4 x16 1 x OCP NIC 3.0 PCIe Gen4 x16, Support NCSI		



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