

# G292-Z43-ICM1

HPC Server - AMD EPYC™ 7003/7002 -

2U DP 16 x Gen4 GPUs (Broadcom solution) Immersion Titanium PSU



## Key Features

- Immersion Cooling Server
- Supports up to 16 x single-slot Gen4 GPUs
- Dual AMD EPYC™ 7003/7002 Series Processors
- 8-Channel DDR4 RDIMM/LRDIMM, 16 x DIMMs
- 2 x 10 Gb/s LAN ports via Intel® X550-AT2
- 4 x 2.5" Gen4 NVMe/SATA/SAS hot-swap bays
- 4 x 2.5" SATA/SAS hot-swap bays
- 16 x FHFL PCIe Gen4 x16 for GPUs
- 2 x LP PCIe Gen4 x16 for add-in cards
- Dual 2200 W 80 PLUS Titanium power supplies

## Specification

<b>Dimensions</b>	2U (W448 x H87.5 x D800 mm)	<b>PCIe Expansion Slots</b>	16 x FHFL x16 (Gen4 x16), for GPUs 2 x LP x16 (Gen4 x16), for add-in cards
<b>Motherboard</b>	MZ42-G20 Rev. 3.0	<b>I/O Ports</b>	<b>Top:</b> 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN
<b>CPU</b>	AMD EPYC™ 7003 Series Processors AMD EPYC™ 7002 Series Processors Dual processor, cTDP up to 240 W	<b>Backplane Board</b>	PCIe Gen4 x4 or SATA 6 Gb/s or SAS 12 Gb/s
<b>Socket</b>	2 x LGA 4094 (Socket SP3)	<b>TPM</b>	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
<b>Chipset</b>	System on Chip	<b>Power Supply</b>	Dual 2200 W 80 PLUS Titanium power supplies AC Input: 100-240 V  *The system power supply requires C19 power cord.
<b>Memory</b>	8-Channel DDR4 RDIMM/LRDIMM, 16 x DIMMs Up to 3200 MT/s	<b>System Management</b>	ASPEED® AST2500 Baseboard Management Controller GIGABYTE Management Console web interface
<b>LAN</b>	<b>Top:</b> 2 x 10 Gb/s LAN (1 x Intel® X550-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	<b>Operating Properties</b>	Operating coolant temperature: 25°C to 35°C 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 G292-Z43-ICM1 2 x CPU heatsinks
<b>Storage</b>	<b>Bottom hot-swap:</b> 4 x 2.5" Gen4 NVMe/SATA/SAS <sup>[1]</sup> 4 x 2.5" SATA/SAS <sup>[1]</sup>  <sup>[1]</sup> SAS card is required to support SAS drives.	<b>Ordering Part Numbers</b>	6NG292Z43MR000ICM1*
<b>RAID</b>	Require RAID add-in cards	<b>Optional Parts</b>	- C19 power cord 125V/15A (US): 25CP1-018000-Q0R - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R



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

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