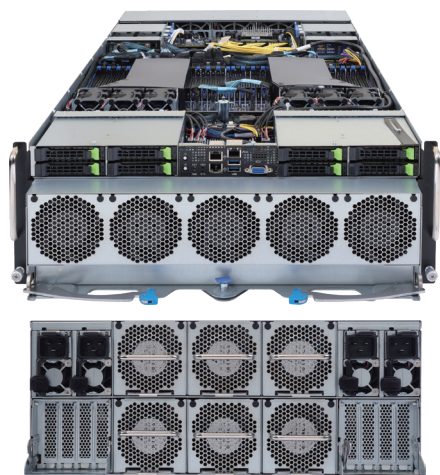
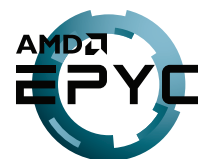


## G492-ZD0

HPC Server - 4U DP SXM4 A100 8-GPU



### Features

- Supports NVIDIA HGX™ A100 with 8 x SXM4 GPU
- Supports NVIDIA® NVLink® and NVSwitch™ technology
- Up to 600GB/s GPU to GPU interconnection
- Dual AMD EPYC™ 7003 Series processors
- 8-Channel RDIMM/LRDIMM DDR4, 32 x DIMMs
- 2 x 10Gb/s BASE-T LAN ports (Intel® X550-AT2)
- 1 x dedicated management port
- 8 x 2.5" Gen4 U.2 NVMe/ SATA hot-swap HDD/SSD bays
- 8 x Low profile Gen4 x16 expansion slots
- 3+1 3000W 80 PLUS Platinum redundant power supply

### Specification

<b>Dimensions</b>	4U (W448 x H175.2 x D900 mm)	<b>TPM</b>	1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010
<b>Motherboard</b>	MZ52-G40 Rev. 3.0	<b>Power Supply</b>	3+1 3000W 80 PLUS Platinum redundant power supply AC Input: 100-240V
<b>CPU</b>	AMD EPYC™ 7003 Series processors Dual processors, 7nm technology, Up to 64-core, 128 threads per processor TDP up to 240W, cTDP up to 280W Compatible with AMD EPYC™ 7002 Series processors	<b>System Management</b>	Aspeed® AST2500 management controller GIGABYTE Management Console (AMI MegaRAC SP-X)
<b>Chipset</b>	System on Chip	<b>OS Compatibility</b>	Windows Server 2016 / 2019 RHEL 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 18.04.5 LTS (x64) / 20.04 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update1 or later Citrix Hypervisor 8.2.0 or later
<b>Memory</b>	8-Channel DDR4 memory, 32 x DIMM slots RDIMM/LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported Memory speed: Up to 3200/ 2933 MHz	<b>System Fans</b>	11 x 80x80x80mm (17,000rpm) 6 x 40x40x56mm (23,000rpm) 4 x 40x40x28mm (25,000rpm)
<b>LAN</b>	2 x 10Gb/s BASE-T LAN ports (Intel® X550-AT2) 1 x 10/100/1000 management LAN	<b>Operating Properties</b>	Operating temperature: 10°C to 35°C Operating humidity: 8-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing)
<b>Video</b>	Integrated in Aspeed® AST2500 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM	<b>Packaging Content</b>	1 x G492-ZD0 2 x CPU fan-sinks 1 x Rail kit
<b>Storage</b>	8 x 2.5" Gen4 U.2 NVMe/ SATA hot-swap HDD/SSD bays	<b>Reference Numbers</b>	Barebone with rail kit: 6NG492ZD0MR-00-Axx (40GB module) Barebone with rail kit: 6NG492ZD0MR-00-Gxx (80GB module) - Motherboard: 9MZ52G40NR-00 - Rail kit: 25HB2-A96101-K0R - CPU fan-sink: 25ST1-44320P-A3R - Back plane board: 9CBBP2023NR-00 - Front panel board: 9CFPG110NR-00 - Power supply: 25EPO-230003-D0S
<b>SAS</b>	N/A		
<b>Expansion Slots</b>	8 x SXM4 sockets for NVIDIA HGX A100 8-GPU 40GB/80GB 8 x Low-profile PCIe Gen4 x16 expansion slots		
<b>Front I/O</b>	2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN		
<b>Rear I/O</b>	-		
<b>Backplane I/O</b>	8 x 2.5" NVMe/ SATA hybrid ports Speed and bandwidth: PCIe Gen4 or SATA 6Gb/s		



Learn more about GIGABYTE server solutions, visit [www.gigabyte.com/Enterprise](http://www.gigabyte.com/Enterprise)

\* All specifications are subject to change without notice. Please visit our website for the latest information.

\* AMD, and the AMD Arrow logo, AMD EPYC and combinations thereof are trademarks of Advanced Micro Devices, Inc.

\* NVIDIA, the NVIDIA logo, and NVIDIA HGX are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries.

\* All other brands, logos and names are property of their respective owners.

© 2021 GIGABYTE Technology Co., Ltd. All rights reserved.