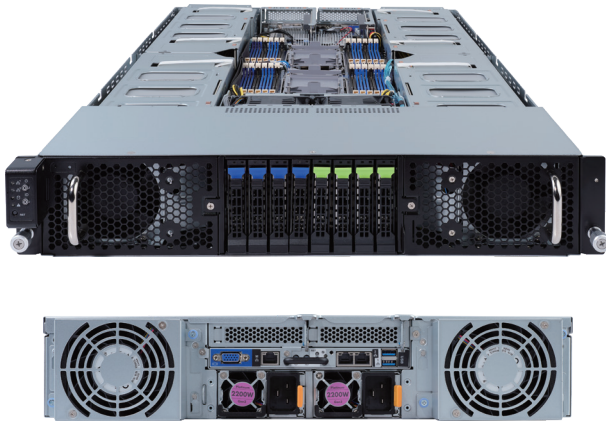


G292-280

HPC Server - 2U DP 8 x GPUs

intel
XEON



Features

- Supports up to 8 x double slot GPU cards
- 3rd Gen. Intel® Xeon® Scalable Processors
- 8-Channel RDIMM/LRDIMM DDR4 per processor, 24 x DIMMs
- Dual ROM technology supported
- 2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2)
- 1 x Dedicated management port
- 4 x 2.5" SATA/SAS hot-swappable HDD/SSD bays
- 4 x 2.5" SATA/SAS/Gen4 NVMe hot-swappable HDD/SSD bays
- 2 x PCIe x16 Half-length low-profile slots for add-on cards
- Aspeed® AST2600 management controller
- Dual 3200W 80 PLUS Platinum hot-swap power supply

Specification

| | | | |
|------------------------|---|-----------------------------|--|
| Dimensions | 2U (W448 x H87.5 x D800 mm) | Rear I/O | 2 x USB 3.0, 1 x VGA, 2 x RJ45, 1 x MLAN |
| Motherboard | MG52-G20 | Backplane I/O | 8 x SAS/SATA/Gen4 NVMe ports Bandwidth: SATAIII 6Gb/s, SAS 12Gb/s or PCIe Gen4 x4 |
| CPU | 3rd Gen Intel® Xeon® Scalable Processors Intel® Xeon® Platinum Processor, Intel® Xeon® Gold Processor, Intel® Xeon® Silver Processor 10nm technology, CPU TDP up to 270W 2 x LGA 4189 (Socket P+) | TPM | 1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010 |
| Chipset | Intel® C621A Express Chipset | Power Supply | 2+0 3200W 80 PLUS Platinum hot-swap power supply AC Input: 100-240V |
| Memory | 8-Channel DDR4 memory, 24 x DIMM slots RDIMM modules up to 64GB supported LRDIMM modules up to 128GB supported 3DS RDIMM/LRDIMM modules up to 256GB supported 1.2V modules: 3200/2933/2666 MHz | System Management | Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X) |
| LAN | 2 x 10Gb/s BASE-T LAN ports (Intel® X710-AT2) 1 x 10/100/1000 management LAN | OS Compatibility | Windows Server 2016 / 2019 RHEL 8.2 (x64) / 8.3 (x64) or later SLES 12 SP5 (x64) / 15 SP2 (x64) or later Ubuntu 20.04 LTS (x64) / 20.04.1 LTS (x64) or later VMware ESXi 6.7 Update3 P03 / 7.0 Update2 |
| Video | Integrated in Aspeed® AST2600 2D Video Graphic Adapter with PCIe bus interface 1920x1200@60Hz 32bpp, DDR4 SDRAM | System Fans | 8 x 80x80x38mm (16300rpm) |
| Storage | 4 x 2.5" SATA/SAS hot-swappable HDD/SSD bays 4 x 2.5" SATA/SAS/Gen4 NVMe hot-swappable HDD/SSD bays SAS card is required for SAS devices support | Operating Properties | 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) |
| Expansion Slots | 8 x PCIe x16 slots (Gen4 x16 bus) for GPUs 2 x PCIe x16 (Gen4 x16 bus) Half-length low-profile slots | Package Contents | 1 x G292-280 system, 2 x CPU heatsinks, 1 x Rail kit |
| Front I/O | - | Reference Numbers | Barebone with rail kit: 6NG292280MR-00 - Motherboard: 9MG52G20NR-00 - Tool-less rail kit: 25HB2-A86102-K0R - Power supply: 25EPO-222001-D0S |



Learn more about GIGABYTE server solutions, visit www.gigabyte.com/Enterprise

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

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