**Features**

- Supports NVIDIA HGX™ A100 with 4 x SXM4 GPU
- Supports NVIDIA® NVLink® and NVSwitch™ technology
- Up to 600Gb/s GPU to GPU interconnection
- Dual AMD EPYC™ 7002 series processor family
- 8-Channel RDIMM/LRDIMM DDR4, 16 x DIMMs
- 2 x 1Gb/s LAN ports (Intel® I350-AM2)
- 1 x dedicated management port
- 4 x 2.5" Gen4 U.2 NVMe/ SATA hot-swap HDD/SSD bays
- Ultra-Fast M.2 with PCIe Gen4 x4 interface
- 6 x Low profile Gen4 x16 expansion slots
- 1 x OCP 3.0 Gen4 x16 mezzanine slot
- 3000W 80 PLUS Platinum redundant power supply

**Specification**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>2U (W448 x H86.4 x D760 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motherboard</td>
<td>MZ62-HD5</td>
</tr>
</tbody>
</table>
| CPU | AMD EPYC™ 7002 series processor family  
Dual processors, 7nm, Socket SP3  
Up to 64-core, 128 threads per processor  
TDP up to 240W, cTDP up to 280W |
| Chipset | System on Chip |
| Memory | 8-Channel DDR4 memory, 16 x DIMM slots  
Total up to 4TB 3DS/ RDIMM/ LRDIMM modules supported  
Memory speed: Up to 3200/ 2933 MHz |
| LAN | 2 x 1GbE LAN ports (1 x Intel® I350-AM2)  
1 x Dedicated management ports |
| Video | Integrated in Aspeed® AST2500  
2D Video Graphic Adapter with PCIe bus interface  
1920x1200@60Hz 32bpp, DDR4 SDRAM |
| Storage | 4 x 2.5" Gen4 U.2 NVMe/ SATA hot-swappable HDD/SSD bays |
| SATA | Supported |
| SAS | N/A |
| Expansion | 4 x SXM4 sockets for NVIDIA HGX™ A100 4-GPU 40GB/80GB  
6 x Low-profile PCIe Gen4 x16 expansion slots  
1 x OCP 3.0 Gen4 x16 mezzanine slot  
1 x M.2 slot: (Onboard)  
- M-key, PCIe Gen4 x4  
- Supports NGFF-2280/22110 cards  
2 x M.2 slos: (From CMTP072)  
- M-key, PCIe Gen4 x4  
- Supports NGFF-2242/2260/2280/22110 cards |
| Internal I/O | 1 x COM header, 1 x TPM header |
| Front I/O | 2 x USB 3.0, 1 x mini DP, 2 x RJ45, 1 x MLAN |
| Rear I/O | - |

**Backplane I/O**

- 4 x 2.5" NVMe/ SATA hybrid ports  
  Speed and bandwidth: PCIe Gen4 or SATA 6Gb/s

**TPM**

- 1 x TPM header with SPI interface  
  Optional TPM2.0 kit: CTM010

**Power Supply**

- Dual 3000W 80 PLUS Platinum redundant power supply

**System Management**

- Aspeed® AST2500 management controller  
  GIGABYTE Management Console (AMI MegaRAC SP-X)

**OS Compatibility**

- Windows Server 2016 / 2019  
  RHEL 7.6 (x64) / 8.0 (x64) or later  
  SLES 12 SP4 (x64) / 15 SP1 (x64) or later  
  Ubuntu 16.04.6 LTS (x64) / 18.04.3 LTS (x64) / 20.04 LTS (x64)  
  VMware ESXi 6.5 EP15 / 6.7 Update3 / 7.0 or later  
  Citrix Hypervisor 8.1.0 or later

**Weight**

- Net Weight: TBD kg  
  Gross Weight: 44 kg

**System Fans**

- 2 x 60x60x76mm (21,700rpm)  
  5 x 80x80x80mm (15,000rpm)

**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)

**Packaging**

- 1 x G262-ZR0
- 2 x CPU fan-sinks  
  1 x Rail kit

**Reference Numbers**

- Barebone with rail kit: 8NG262Z00MR-1xx (40GB module)  
  Barebone with rail kit: 8NG262Z00MR-8xx (80GB module)  
  - Motherboard: MZ62HD6M9-00  
  - Rail kit: 25HB2-A96102-KOR  
  - CPU fan-sink: 25ST1-352G0-M1R/25ST1-3532G1-M1R  
  - Back plane board, 2-port: 9CBP2023NR-00  
  - Front panel board: 9CFP1000NR-00  
  - Power supply: 25EP0-230003-00S  
  - C19 type power cord 125V/15A (US): 25CP3-018000-QOR (an as option)  
  - C19 type power cord 250V/15A (EU): 25CP3-01833H-QOR (an as option)

* 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, NVIDIA HGX, and HGX A100 are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries.