E162-220
Intel Xeon Edge Server - 1U UP GPU supported

Features
- Supports up to 1 x double slot GPU card
- 3rd Gen. Intel® Xeon® Scalable Processors
- 8-Channel RDIMMLRDIMM DDR4, 16 x DIMMs
- 1 x Dedicated management port
- 2 x 2.5" hot-swappable HDD/SSD bays
- 3 x Ultra-Fast M.2 and with PCIe Gen4/3 x4 bandwidth
- 1 x Full-height Full-length PCIe Gen4 expansion slot
- 2 x Low-Profile PCIe Gen4 expansion slots
- 1 x OCP 3.0 Gen4 x16 mezzanine slot
- 800W 80 PLUS Platinum redundant hot-swap power supply

Specification

| Dimensions | 1U (W438 x H43.5 x D500 mm) |
| Motherboard | ME62-GE0 |
| 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
1 x LGA 4189 socket (Socket P+)
| Chipset | Intel® C621A Express Chipset |
| Memory | 8-Channel DDR4 memory, 16 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 |
| LAN | 1 x 10/100/1000 management LAN |
| Video | Integrated in Aspeed® AST2600
2D Video Graphic Adapter with PCIe bus interface
1920x1200@60Hz 32bpp, DDR4 SDRAM |
| Storage | 2 x 2.5" SATA/SAS/Gen4 NVMe hot-swappable HDD/SSD bays
SAS card is required for SAS devices support |
| RAID | Intel® SATA RAID 0, 1, 10, 5 |
| Expansion Slots | 1 x PCIe x16 slots (Gen4 x16), FHFL
2 x PCIe x16 slots (Gen4 x16), FHHL
1 x OCP 3.0 mezzanine slot (Gen4 x16)
2 x M.2 slots: M-key, PCIe Gen4 x4, Supports NGFF-2280/22110
1 x M.2 slot: M-key, PCIe Gen3 x4, Supports NGFF-2280/22110 |
| Internal I/O | 3 x M.2 slot, 2 x SATA ports, 1 x TPM header |
| Front I/O | 2 x USB 3.0, 1 x mini-DP, 1 x MLAN |
| Rear I/O | - |
| Backplane I/O | Bandwidth: SATA 6Gb/s or SAS 12Gb/s or PCIe Gen4 x4 |
| TPM | 1 x TPM header with SPI interface
Optional TPM2.0 kit: CTM010 |
| Power Supply | 1+1 800W (240V) 80 PLUS Platinum redundant power supply |
| System Management | Aspeed® AST2600 management controller
GIGABYTE Management Console (AMI MegaRAC SP-X) |
| OS | Windows Server 2016 / 2019 |
| Compatibility | 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 |
| System Fans | 6 x 4cm hot-swap fan wall |
| 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 Content | 1 x E162-220, 1 x CPU heatsink, 1 x Rail kit |
| Reference Numbers | Barebone package: 6NE162220MR-00
- Motherboard: 9ME62GE0MR-00 |

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