

W533-W30

Intel® Core™ Mainstream Workstation



Features

- 13th Gen Intel® Core™ Desktop Processor
- Intel® W680 Chipset
- Dual Channel DDR4 3200MHz UDIMM, 4 DIMMs
- ASPEED® AST2600 BMC
- 1 x 2.5G LAN port (Intel® i225)
- 1 x Dedicated Management port
- Up to 1 x NVIDIA RTX™ A6000 support
- 4 x M.2 slots with PCIe Gen4 x4 interface
- 2 x PCIe Gen5 slots + 1 x PCIe Gen3 slots
- Up to 8 x 3.5"/2.5" SATA HDD bays
- 1 x 850W ATX 80 PLUS Gold power supply

Specification

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|------------------------|--|-----------------------------|---|
| Dimensions | Pedestal (W620 x H220 x D425 mm) | Front I/O | 2 x USB 3.2 Gen1 Ports, 1 x Power Button, 1 x Reset Button, 1 x Nmi Button, 1 x Power LED, 1 x HDD LED, 1 x LAN(2.5G) LED |
| Motherboard | MW34-SP0 | Rear I/O | 1 x VGA, 1 x COM, 1 x HDMI, 1 x DP, 1 x USB 3.2 gen2 Type-C, 3 x USB 3.2 gen1 Type-A, 1 x MLAN, 1 x 2.5G LAN, 1 x ID Button, 1 x 3 in 1 Audio jack |
| CPU | 13th Intel® Core™ Desktop Processor Single Processor, up to 24-core, 32 threads 1 x LGA 1700 socket | TPM | 1 x TPM header with SPI interface Optional TPM2.0 kit: CTM010 |
| Chipset | Intel® W680 | Power Supply | Single 850W ATX 80 PLUS Gold power supply AC Input: 100-240V |
| Memory | 2-Channel DDR4 memory, 4 x DIMM slots Supports 1.2V DDR4 3200MHz memory ECC UDIMM modules supported, up to 128GB | System Management | Aspeed® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X) |
| LAN | 1 x 2.5GbE LAN ports (Intel® I225) 1 x 10/100/1000 Management LAN (Realtek® RTL8211FD) | OS Compatibility | Windows 10 (64bit) Windows 11 (64bit) |
| Video | Integrated in Intel Processor: - 1 x DisplayPort, supports DisplayPort 1.4a - 1 x HDMI port, supports HDMI 2.0b Integrated in ASPEED® AST2600: 1 x VGA Port | System Fans | 3 x System Fan : 120 x 120 x 25 mm (2600RPM) |
| Audio | Realtek® ALC897 controller Supports 2/4/5.1/7.1 channel configurations 3 ports Audio Jack (Audio in/Audio out/Mic) | 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) |
| Storage | 4 x 3.5" / 2.5" SATA fixed HDD/SSD bays Additional 4 x 3.5" / 2.5" SATA fixed HDD/SSD bays (option) | Packaging Content | 1 x W533-W30 1 x CPU Fan-sink 1 x Quick installation guide |
| RAID | Intel® SATA RAID 0/1/10/5 | Reference Numbers | Barebone package: 6NW533W30MR-00-1* - Motherboard: 9MW34SP0MR-00* - I/O shield: 12AIO-MW34S0-00R - Power supply: 25EP0-208504-M0S - CPU Fan-Sink: 25ST0-0Z9222-A3R |
| Expansion Slots | 1 x PCIe x16 (Gen5 x16 or Gen5 x8) slot 1 x PCIe x16 (Gen5 x0 or Gen5 x8) slot 1 x PCIe x4 (Gen3 x4) slot 1 x M.2 slots: M-key, PCIe Gen4 x4, supports NGFF-2280/22110 3 x M.2 slots: M-key, PCIe Gen4 x4, supports NGFF-2280 card | | |



Learn more about GIGABYTE server, visit <https://www.gigacomputing.com>

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