

# MAXER-5100

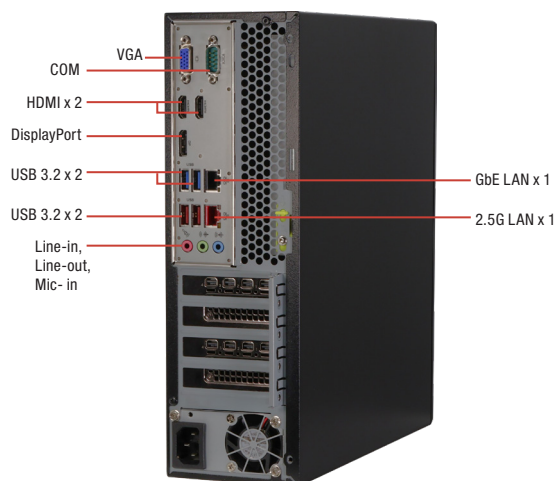
AI Inference Server, Tower, 12th/13th/14th Gen Intel® Core™ CPU



Front View



Rear View



## Features

- Supports NVIDIA RTX™ 2000 Ada GPU x 2
- 12/13th/14th Gen Intel® Core™ LGA1700 Socket Processors
- M.2 2242/2280 M-Key x 1
- SATA Drive Bay x 2
- Onboard TPM 2.0



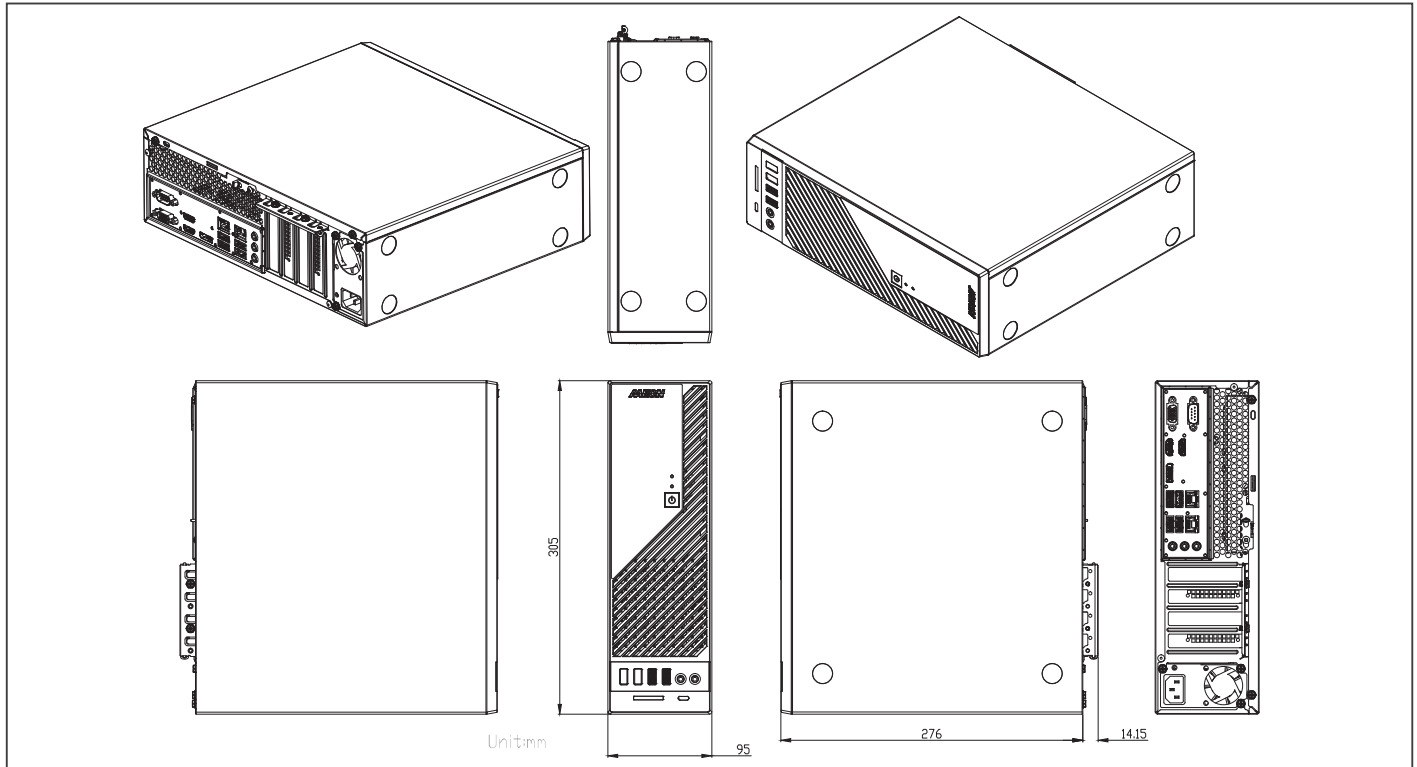
## Specifications

| System                 |                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                    | 12th/13th/14th Generation Intel® Core™ LGA1700 Socket Processors                                                                                                         |
| GPU                    | NVIDIA RTX™ 2000 Ada GPU x 2 (Selected SKUs)                                                                                                                             |
| Chipset                | Intel® Q670 Chipset                                                                                                                                                      |
| System Memory          | DDR5 4800MHz U-DIMM x 4, Up to 128GB                                                                                                                                     |
| Display Interface      | VGA x 1<br>HDMI 2.0 x 2<br>DP 1.4 x 1                                                                                                                                    |
| Storage Device         | 2.5" SSD x 1<br>3.5" HDD x 1                                                                                                                                             |
| Ethernet               | RJ-45, 1GbE x 1<br>RJ-45, 2.5GbE x 1                                                                                                                                     |
| USB                    | USB 2.0 x 2<br>USB 3.2 x 6                                                                                                                                               |
| Serial Port            | DB-9 for COM Port (RS-232/422/485 & RI/5V/12V)                                                                                                                           |
| Audio                  | Audio Jack x 5 (Line-in, Mic-in x 2, Line-out x 2)                                                                                                                       |
| Expansion              | PCIe Gen 4 [x16] x 1<br>PCIe Gen 4 [x8] x 1<br>PCIe Gen 3 [x1] x 1<br>PCIe Gen 3 [x4] x 1<br>M.2 2230 E-Key x 1<br>M.2 2280/2242 M-Key x 1 (PCIe Gen 4 [x4], SATA 6Gb/s) |
| TPM                    | TPM 2.0 Onboard                                                                                                                                                          |
| Indicator              | —                                                                                                                                                                        |
| OS support             | Windows® 10/11 64bit                                                                                                                                                     |
| Drive Bay              | 2.5" SATA 6Gb/s Drive Bay x 1<br>3.5" SATA 6Gb/s Drive Bay x 1                                                                                                           |
| Front Control          | —                                                                                                                                                                        |
| Power Supply           |                                                                                                                                                                          |
| Power Requirement      | Build in ATX 450W AC/DC Power supply                                                                                                                                     |
| Mechanical             |                                                                                                                                                                          |
| Mounting               | Wallmount                                                                                                                                                                |
| Dimensions (W x H x D) | 12" x 3.7" x 10.9" (305mm x 95mm x 276mm)                                                                                                                                |
| Gross Weight           | 12 lb (5.6kg)                                                                                                                                                            |
| Net Weight             | 11 lb (5kg)                                                                                                                                                              |
| Environmental          |                                                                                                                                                                          |
| Operating Temperature  | 32°F ~ 113°F (0°C ~ 45°C), according to IEC68-2 with 0.5 m/s AirFlow                                                                                                     |
| Storage Temperature    | -40°F ~ 185°F (-25°C ~ 85°C)                                                                                                                                             |
| Storage Humidity       | 5 ~ 95% @ 40°C, non-condensing                                                                                                                                           |
| Certification          | CE/FCC class A                                                                                                                                                           |



## Dimension

Unit: mm



## Ordering Information

| Part Number             | PCH        | CPU                                               | GPU                                               | Giga LAN | 2.5G LAN | USB 3.2 Gen 2 | USB 2.0 | Storage                    | Display                 | Mounting  | Power             | Operation Temp.                                                      |
|-------------------------|------------|---------------------------------------------------|---------------------------------------------------|----------|----------|---------------|---------|----------------------------|-------------------------|-----------|-------------------|----------------------------------------------------------------------|
| MAXER-5100-Q670-A1-1010 | Intel Q670 | Intel® Core™ i9 processor 14900                   | NVIDIA RTX™ 2000 Ada x 2                          | 1        | 1        | 6             | 2       | 2.5" SSD x1<br>3.5" HDD x1 | HDMI x 2 DP x 1 VGA x 1 | Wallmount | Build in ATX 450W | 32°F ~ 113°F (0°C ~ 45°C), according to IEC68-2 with 0.5 m/s AirFlow |
| MAXER-5100-Q670-A2-1010 | Intel Q670 | Please select the designated CPU before shipping. | Please select the designated GPU before shipping. | 1        | 1        | 6             | 2       | 2.5" SSD x1<br>3.5" HDD x1 | HDMI x 2 DP x 1 VGA x 1 | Wallmount | Build in ATX 450W | 32°F ~ 113°F (0°C ~ 45°C), according to IEC68-2 with 0.5 m/s AirFlow |

## Packing List

- MAXER-5100

## Optional Accessories

- 170X000799  
Power Cord (US type)
- 170X000800  
Power Cord (European Type)
- 170X000803  
Power Cord (Japanese Type)