

MAXER-2100

AI Inference Server, 2U Rackmount, 12/13th Gen CPU, RTX-4080 Super

Front View

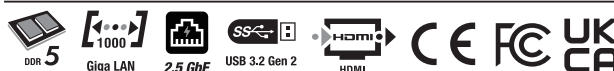


Rear View



Features

- High-performance for AI inference: Support NVIDIA RTX 4090, RTX 4080 Super etc.
- 12/13th Gen Intel® Core™ LGA1700 Socket Processors
- High CPU computing performance: Build in i9-13900, up to i9-13900K supported
- 2U Rack Mount, Front Access I/O Design
- M.2 2242/2280 M-Key x 2
- M.2 3042/3052/2242 B-Key + Micro SIM Slot
- M.2 2230 E-Key x 1
- Onboard TPM 2.0

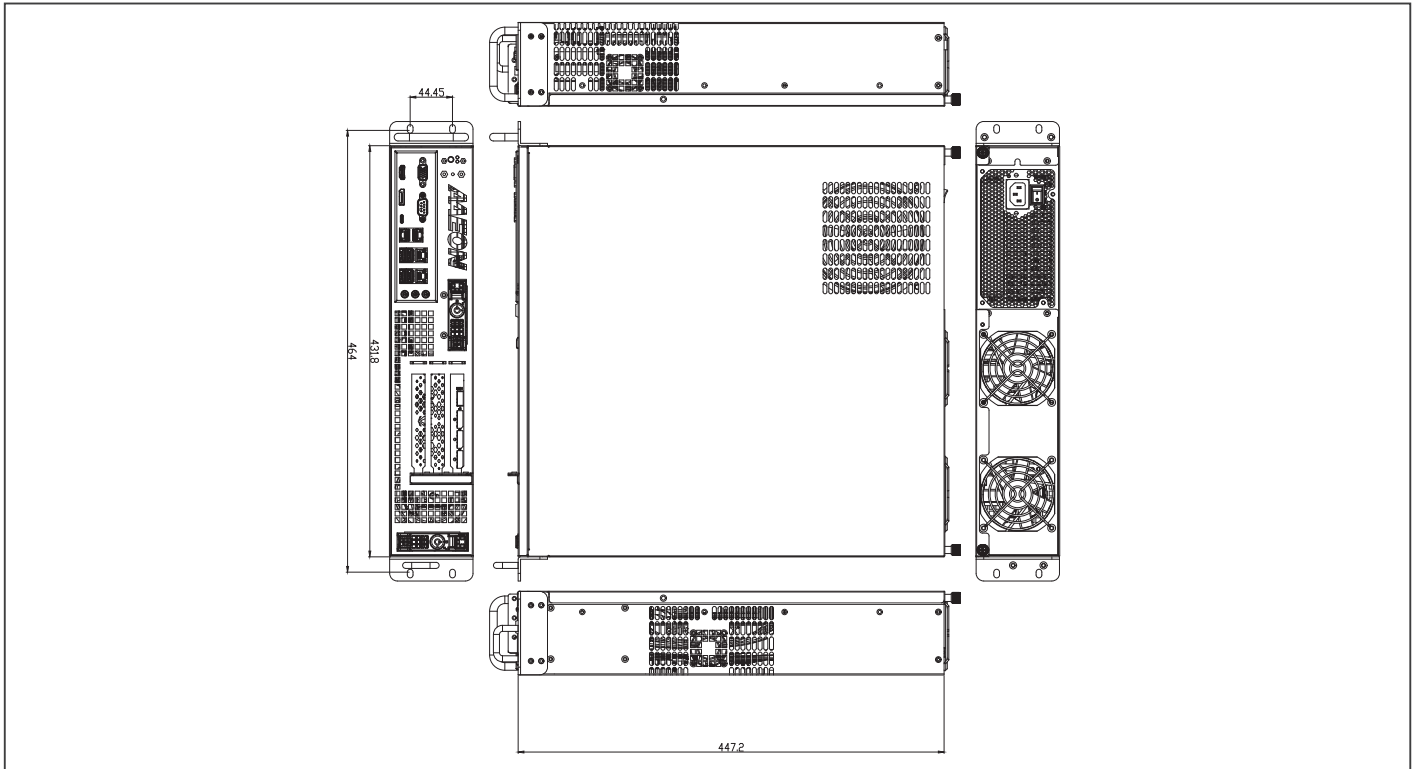


Specifications

System	
CPU	12/13th Generation Intel® Core™ LGA1700 Socket Processors, TDP Max 125W Build in: i9-13900
GPU	GeForce RTX 4080 SUPER (Optional support NVIDIA GeForce Graphic or AI computing card)
Chipset	Intel Q670
System Memory	DDR5 4000MHz DIMM x 4, Up to 128GB Non-ECC, Un-buffered Memory, Dual-Channel Memory Architecture
Display Interface	HDMI 2.0 x 1, DP 1.4 x 1, VGA x1
Storage Device	2.5" SATA-III Drive Bay x 2 (Swappable, RAID 0/1) M.2 2280 M key for NVMe SSD x 1
Ethernet	RJ-45 GbE LAN x 1 (supports Intel® AMT 12.0) RJ-45 GbE LAN x 1 RJ-45 2.5GbE LAN x 2
USB	USB 3.2 Gen2 x 4 (10Gbps)
Serial Port	DB-9 x 1 for RS-232/422/485
Audio	Audio (Mic-in/Line-out/Line-in)
Expansion	PCIe [x16] x 1 for RTX 4080 Super M.2 3042/3052 B-Key x 1 + MicroSIM Slot M.2 2230 E-Key x 1
TPM	TPM 2.0 Onboard
Indicator	System LED x 1, HDD Activity x 1
OS support	Windows® 10 IoT Enterprise 64-bit Windows® 11 PRO 64-bit Linux Ubuntu 20.04 (Kernel 15.5 or above)
Drive Bay	2.5" SATA-III Drive Bay x 2 (Swappable, RAID 0/1)
Front Control	Power On/Off, System Reset
Power Supply	
Power Requirement	Build in 1000W power supply
Mechanical	
Mounting	Rack Mount
Dimensions (W x H x D)	17" x 3.46" x 17.6" (431.8mm x 88mm x 448mm)
Gross Weight	1.89 lb (0.86 Kg)
Net Weight	3.66 lb (1.66 Kg)
Environmental	
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C), according to IEC68-2 with 0.7 m/s AirFlow
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Storage Humidity	5 ~ 95% @ 40°C, non-condensing
Certification	CE/FCC class A

Dimension

Unit: mm



Ordering Information

Part Number	PCH	CPU	GPU	LAN	USB 3.2 Gen 2	RS- 232/422/485	Storage	Display	Expansion	Mounting	Power	Operation Temp.
MAXER-2100-Q670-A1-1010	Intel Q670	I9-13900	RTX 4080 SUPER	4	4	1	M.2 2280 M-Key x 1 2.5" SATA Drive Bay x 2	HDMI x 1 DP x 1 VGA x 1	M.2 3042/3052/2242 B-Key x 1 M.2 2230 E-Key x 1	Rack Mount	1000W	32°F ~ 104°F (0°C ~ 40°C), according to IEC68-2 with 0.7 m/s AirFlow

Packing List

- MAXER-2100

Optional Accessories

- **170X000799**
Power Cord (US type)
- **170X000800**
Power Cord (European Type)
- **170X000803**
Power Cord (Japanese Type)
- **9741364A00**
M.2 2230 E Key Enli, QCNFA364A
- **9651520N00**
M.2 3052 B Key 5G Quectel RM520N-GL