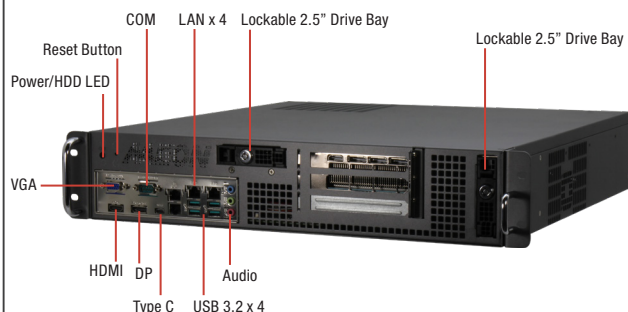


MAXER-2100

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

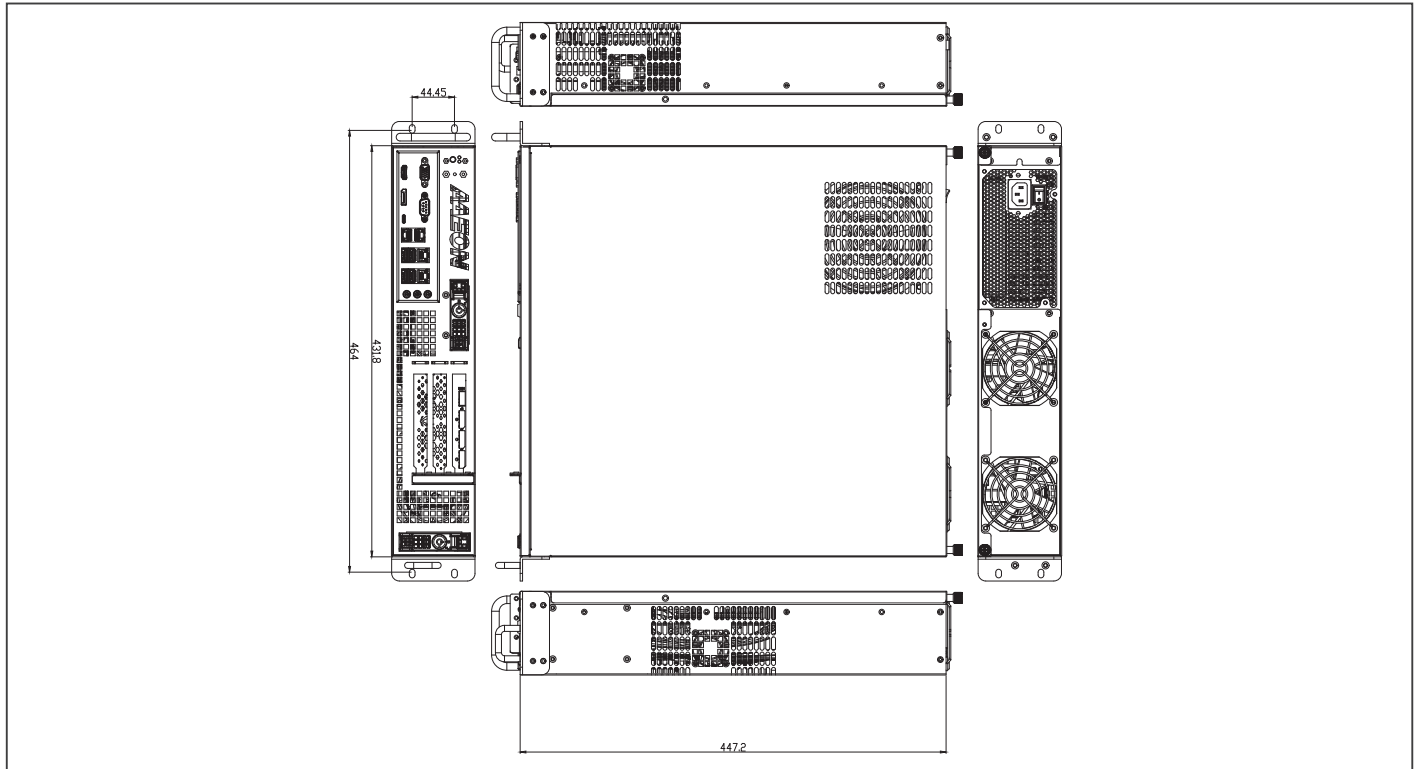


Specifications

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 Ubuntu 22.04.3 and 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	31.52 lb (14.3kg)
Net Weight	24.25 lb (11kg)
Environmental	
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C), according to IEC68-2 with 0.5 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 0.5 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

Disclaimer

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Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.





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