

WMK-5101

AI Inference Server, Tower, 12/13th/14th Gen CPU



Front view



Rear View

Features

- High-performance for AI inference: Support NVIDIA RTX 2000 Ada
- 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
Storage	2.5" SSD x1 3.5" HDD x1
Display Interface	VGA x 1 HDMI 2.0 x 2 DP 1.4 x 1
I/O	1 x Console (RJ-type) 2 x USB 2.0 6 x RJ-45 2 x SFP+ or 4 x SFP+
Ethernet	RJ-45 GbE LAN x 1 RJ-45 2.5G LAN x 1
USB	USB 3.2 x 6 USB 2.0 x 2
Serial Port	DB-9 for COM Port (RS-232/422/485 & RI/5V/12V)
Audio	Audio Jack x 2, (Mic-in, Line-out, at front) Audio Jack x 3, (Line-in, Mic-in, Line-out, at rear)
Expansion	PCIe Gen 4 [x16] x 1 PCIe Gen 4 [x8] x 1 PCIe Gen 3 [x1] x 1 PCIe Gen 3 [x4] x 1 M.2 2230 E-Key x 1

	M.2 2280/2242 M-Key x 1 (PCIe Gen 4 [x4], SATA 6Gb/s)
TPM	TPM 2.0 Onboard
OS support	Windows® 10/11 64-bit
Drive Bay	2.5" SATA-III Drive Bay x 1 3.5" SATA-III Drive Bay x 1

Mechanical/ Environmental

Power Requirement	Build in ATX 450W AC/DC Power supply
Mounting	Rack mount
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
Indicator	-
Net Weight	11 lb. (5Kg)
Gross Weight	12 lb. (5.6Kg)
Dimensions	305 x 95 x 276 mm (12" x 3.7" x 10.9")

Certifications	CE/FCC Class B
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Ordering Information

Standard

PART NUMBER	WMK-5101-Q670-A2-1010
PCH	Intel Q670
CPU	Please select the designed CPU before shipping
GPU	Please select the designed CPU before shipping
Giga LAN	1
2.5G LAN	1
USB 3.2 Gen 2	6
USB 2.0	2
Storage	2.5" SSD x1 3.5" HDD x1
Display	HDMI x 2 DP x 1 VGA x 1
Mounting	Wall mount
Power	DBuild in 450W
Operation Temp.	32°F ~ 113°F (0°C ~ 45°C), according to IEC68-2 with 0.5 m/s AirFlow

Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
826E3623000E	NA362 Rackmount Kit

* Specifications and certifications may vary based on different requirements.

Packing List

1 x DC power adapter 12V/5A or
12V/7A 1 x Power cord- US

1 x SATA cable

Optional Accessories

Part Number	Description
170X000799	Power Cord (US type)
170X000800	Power Cord (European Type)
170X000803	Power Cord (Japanese Type)

Dimensions



