

# 1U Fanless CI870AW

1U Fanless Embedded Computer  
with Intel® Core™ Ultra Series processors



Internal Power Supply



External Power Adapter (Option)

## Features:

- Intel® Core™ Ultra Series (Arrow Lake-S) processors / Q870 Chipset
- 2 x DDR5 SODIMM socket, Max. 96GB
- Multiple Independent display: HDMI®, DP, Type C DP ALT Mode
- 2 x Intel 2.5 GbE LAN, 4 x USB 3.2, 4 x COM
- 1 x M.2 M Key, 2 x M.2 B Key, 1 x Nano SIM, 1 x PCIe Slot

## Specifications :

Motherboard	CI870AW
CPU	Intel® Core™ Ultra Series (Arrow Lake-S) CPU
Chipset	Intel® Q870
Memory	2 x DDR5 SODIMM, Max. 96GB
Storage	HDD / SSD, M.2-SSD
Expansion slots	1 x M.2 M key Type 3080 (PCIe x 4), Support NVMe, 1 x M.2 B key Type 3042 (USB 3.2 Gen 1x1 / USB 2.0 / SATA) 1 x M.2 B key Type 3042 (PCIe x2 / USB 2.0) 1 x Nano SIM 1 x PCIe slot
I/O ports	Network 2 x Intel 2.5 GbE USB 4 x USB 3.2 Serial ports 4 x RS232 / 422 / 485 Display 1 x DP, 1 x HDMI®, 1 x Type C DP ALT Mode,
Optional Modules & Accessory	GPS, Bluetooth, PoE, WiFi, 4G LTE, Isolated COM, USB, DI/DO, Video Input, Riser Card : RS503-PCIe to 1 x PCIe Slot *SATA Kit ,1U Rack Mount
OS Support	Windows 10 / 11 (64bit) Linux Ubuntu 22.04 / Kernel 5.15

## Mechanical

Dimensions	483.7 W x 397.3D x 44.3H
Weight	7kg
Mounting	1 U Rack Mount*

## Power

DC input	Wide Range DC IN +12~36V
	Internal Power Supply 200 Watt
	External Power Adapter 280 Watt (Option)

## Environment

Operating Temp.	-20°C to +45°C ( Ultra 7 265T )
Storage Temp.	-20°C to +60°C

## Certification

	CE / FCC class A
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## Dimension

