

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. 64GB ,
- 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. 64GB
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, 1x 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

