



Internal Power Supply



External Power Adapter (Option)

1U Fanless CI870AW

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

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 2242 / 3042 (USB 3.2 Gen 1x1 / USB 2.0 / SATA) 1 x M.2 B key Type 2242 / 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) Ubuntu 24.04.3 LTS, kernel 6.14.0-27-generic	

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)

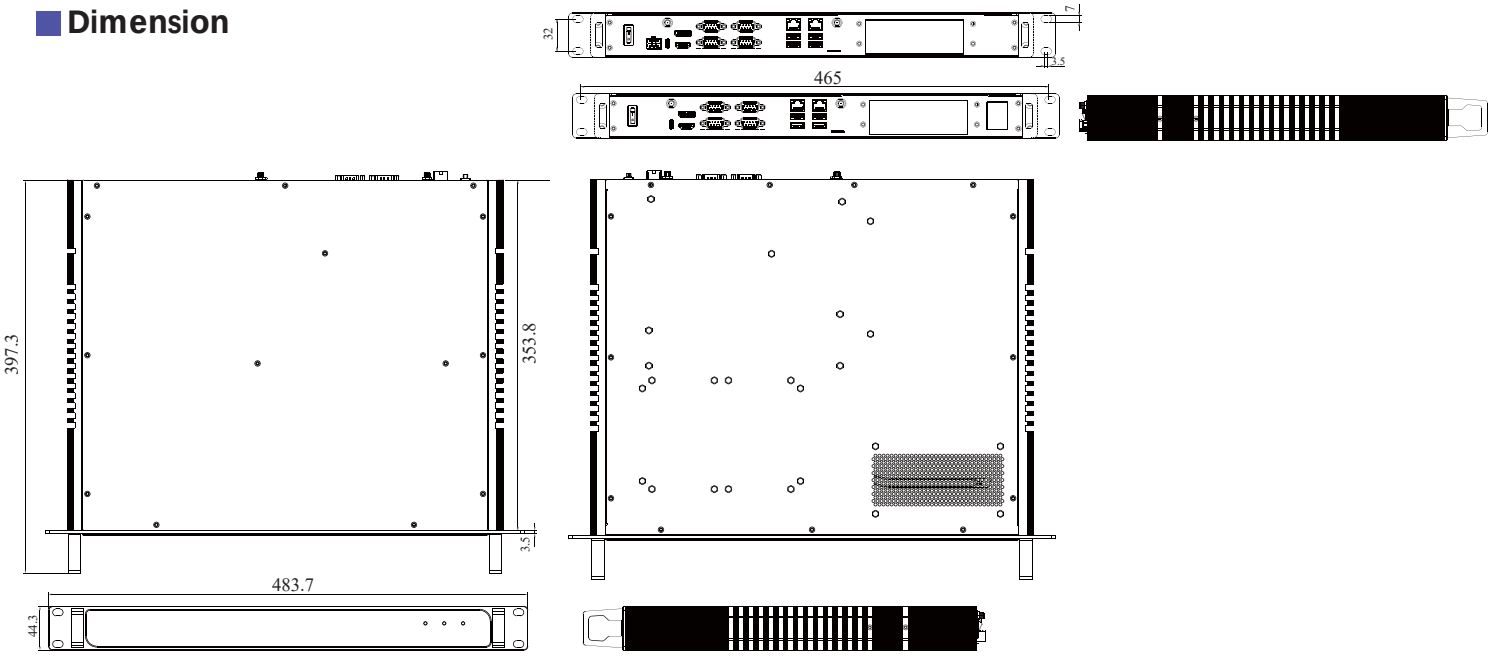
Environment

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

Certification

CE / FCC class A

Dimension



Lex SYSTEM®