AI Inference Device

Jetson Series
CLX-864i/CLX-864/CLX-832



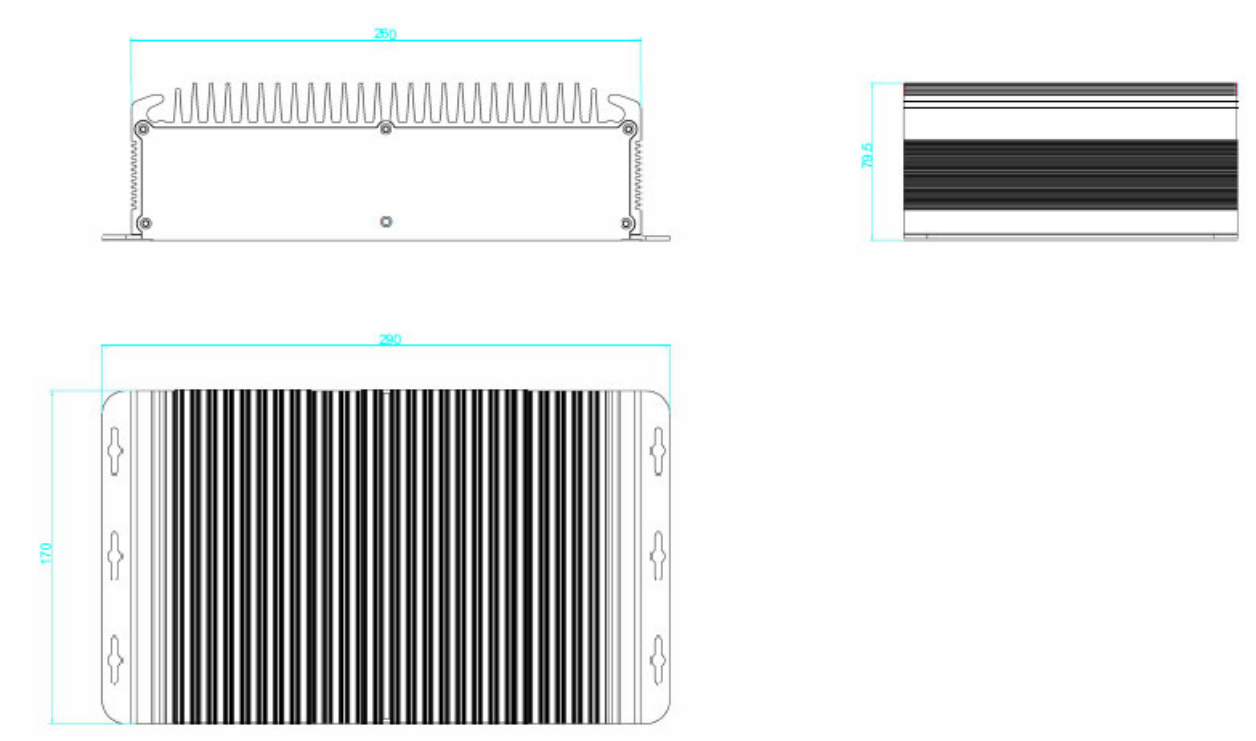
Features

- Jetson AGX Orin Industrial/64GB/32GB
- Ethernet: 2 x GbE
- HDMI: 1 port
- USB 3.0: 2 ports
- Power: 12-36 V DC
- Operating Temperature: -40°C to 60°C (CLX-864i)
  -25℃~60℃ （CLX632）

Specifications

Model	CLX-864i	CLX-864	CLX-832
Module	AGX Orin Industrial	AGX Orin 64GB	AGX Orin 32GB
AI Performance	248 TOPS	275 TOPS	200 TOPS
GPU	2048-core NVIDIA Ampere GPU with 64 Tensor Cores		1792-core NVIDIA Ampere GPU with 56 Tensor Cores
GPU Max Frequency	1.185 GHz	1.3 GHz	933 MHz
CPU	12-core Arm® Cortex® -A78AE v8.2 64-bit CPU 3MB L2 + 6MB L3		8-core Arm® Cortex® -A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3
CPU Max Frequency	1.971 GHz	2.2 GHz	2.2 GHz
Memory	64GB 256-bit LPDDR5 204.8 GB/s ECC	64/32GB 256-bit LPDDR5 204.8 GB/s	
Storage	64GB eMMC 5.1		64GB eMMC 5.1
Display	1 x HDMI 2.0		
USB	2 x USB3.0 Type A, 5V/3A DC 1 x USB 2.0 Type C 1x USB 2.0 Type C (Debug)		
Ethernet	2 x 10/100/1000 Mbps		
Other Features	1 x 2280 Key M, 1 x 2242 Key M, RTC, 5G/Wi-Fi		
Operating Temperature	-40℃ - 60℃	-25℃ - 60℃	-25℃ - 60℃
Operating Humidity	5% - 95%		
Vibration	3G 0 – 1000Hz Random		
Power	Voltage Range 12 to 36 VDC		
Operating System	Ubuntu		
Dimensions	290mm(L) x 170mm(W) x 80 mm(H)		

Mechanical Dimensions



Ordering Information

Model	Product Description
CLX-864i	AGX Orin Industrial, 1 x HDMI, 2 x LAN 1000Mbps, 2 x USB 3.0, DC 12 – 36 V, -40℃-60℃
CLX-864	AGX Orin 64G, 1 x HDMI, 2 x LAN 1000Mbps, 2 x USB 3.0, DC 12 – 36 V, -25℃-60℃
CLX-832	AGX Orin 32G, 1 x HDMI, 2 x LAN 1000Mbps, 2 x USB 3.0, DC 12 – 36 V, -25℃-60℃

Contact Us

www.chipmark.cn
robin@chipmark.cn