



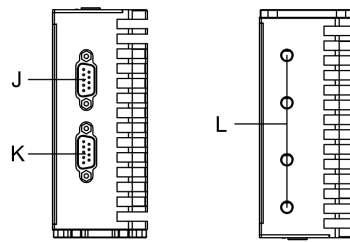
FEATURES

- Intel® Alder Lake Core i3-1215U/i5-1235U/i7-1255U(optional)
- Supports wall-mounted or DIN-Rail rail mounting
- 2 x 2.5GbE / 1 x 1GbE supporting Wake-on-LAN and PXE
- 2 x COM (RS232/RS422/RS485) 1*WiFi / Bluetooth/4G/5G optional
- Encryption onboard TPM2.0 module supported
- DC 9~36V, Overcurrent, Overvoltage & Reverse Polarity Protection
- Work temperature -30 ° C to 70 ° C

SPECIFICATIONS

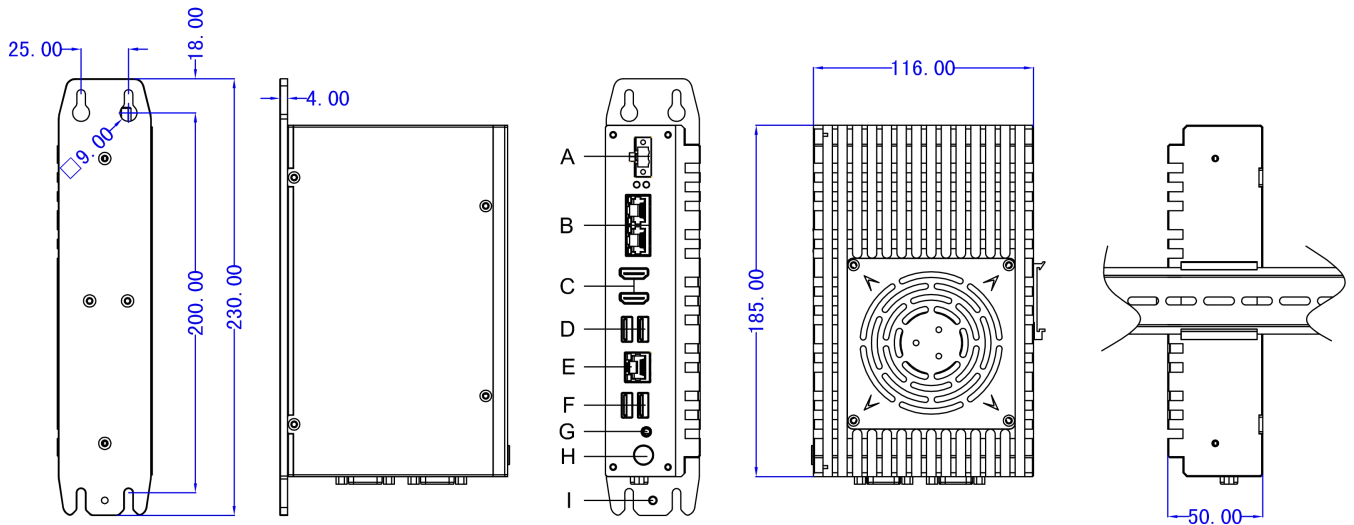
System		Power	
CPU	Intel® Alder Lake Core i3-1215U 1.2GHz / i5-1235U 1.3GHz / i7-1255U 1.7GHz, TDP 15W	Power Adapter	1 x Optional AC/DC 12V/4A , 48W
L3 Cache	10MB/12MB	Power Mode	Support AT, ATX Mode
System Chipset	Integrated with Intel® SoC	Power Input	2-pin Terminal Block Connector with Power Input 9~36VDC
Memory	DDR5 4800 MHz, Dual Channel SODIMM x 2, up to 64GB	Power Protection	OVP (Over Voltage Protection) OCP (Over Current Protection) RPP (Reverse Polarity Protection)
Harddisk	1 x M.2 120G SSD (250G / 500G / 2TB SSD) / 1 x 2.5" SATA	Power Consumption	≤35W
Graphics	Intel® Iris® Xe Graphics	Physical	
Network	Intel® 225-V / I219-LM GbE LAN	Material	Aluminum Alloy Shell
Audio	Realtek ALC897 Audio controller	Color	Grey / Silver / Black (optional)
TPM	TPM 2.0	Mounting	200 x 25 mm / DIN-Rail
Watchdog Timer	Software Programmable Supports 1~255 sec. System Reset	Product Dimension	185 x 116 x 50 mm
		Packing Size	360 x 180 x 320 mm
Operation System	Windows 10 / 11 , Linux, Ubuntu	Weight (Net)	1.2 KG
I / O		Environment	
HD-MI	2 x HD-MI	Operating Temperature	-30~70°C (-22~158°F)
LAN	2 x 2.5GbE / 1 x 1GbE	Storage Temperature	-40~85°C (-40~185°F)
USB	4 x USB 3.2 Gen2	Relative Humidity	10% to 95% (non-condensing)
COM	2 x RS-232 / 422 / 485	Vibration Range	1.5 Grms, IEC 60068-2-64, random, 5 ~ 500 Hz, 1 hr/axis
Audio	1x Audio_out & Mic_in		
Expansion		EMC	CE, FCC , Class A , ROHS
M.2	1*M.2 (Key-E, 2230, PCIe+USB, Wifi+BT)		
	1*M.2 (Key-B, 2242/3052, PCIe/ USB 3.0+USB2.0, 4G/5G)		
	1*M.2 (Key-M, 2280, PCIe x2 NVMe/ SATA, SSD)		
SIM Socket	1x SIM Socket		

Dimension & I/O



I/O Definition:

- A: DC 9V-36V
- C: 2 x H-DMI
- E: LAN 3
- G: AUDIO
- I: GND
- K: COM2
- B: 2 x LAN 1 / 2
- D: 2 x USB3.2
- F: 2 x USB3.2
- H: Power Button
- J: COM1
- L: ANT



ORDERING INFORMATION

PACKING LIST
1x EFIC-20125D Series Embedded Computer
1x Utility DVD Driver
1x Power Adaptor

AVAILABLE MODELS

MODELNO	DESCRIPTION
EFIC-20123D	Compact Fanless Embedded Computer with Intel Core i3-1215U 1.2GHz Processor
EFIC-20125D	Compact Fanless Embedded Computer with Intel Core i5-1235U 1.3GHz Processor
EFIC-20127D	Compact Fanless Embedded Computer with Intel Core i7-1255U 1.7GHz Processor