CPT330B-4M

Autonomous Driving GPU-Computer

Power Automation Computer

- Intel 9th. Core i7-9700TE Processor
- 4x POE, Intel i210-IT Giga LAN, M12 port
- 16GB DDR4 memory
- 9V~48V DC-in

Specifications

System

CPU	Socket LGA 1151 for Intel® Core™ i7-9700TE (8C x 3.8 GHz), 12MB Cache, 35W
Memory type	1x SO-DIMM DDR4 2400/2666 MHz 16GB, up to 32GB (Xeon SKU Supp ECC; Core-i: Non-ECC); Core-i: Non-ECC)
Chipset	Intel® C246 Chipset

Display

Graphics	Intel® HD Graphics

Storage

Device	2x 2.5" SATA III SSD Swap tray
	2x mSATA

Ethernet

Ethernet	Intel® I210 & I219LM GbE LAN (10/100/1000 Mbps supported) 2 x 100Base-FX port supported
Ethernet	Expansion Module with 4xPoE+, Intel i210-IT Giga LAN, M12 port

Front I/O

Power Button	1 x (with LED indicator)
PWR LED	1x
HDD LED	1x
DIO LED	1x
ACT LED	2x
SPEED LED	2x
Display port	1x HDMI
USB	2x USB3.0
Ethernet	4x PoE M12 port

Rear I/O

Display Port	1x DVI-I, 1x DP
USB	4x USB3.1, 2x USB2.0
Ethernet	2x RJ45
COM	2x RS232/422/485

Audio	2 x 3.5mm Audio Jacks (1 x MIC, 1 x Line-Out) / Realtek® ALC662
DC-IN	1x 9V~48V DC-IN, 1x 12V Graphic DC-IN, 1x FAN
PS/2	1x
Terminal	1x 2pin Remote Power on/off
	1x 2pin Remote power reset
	1x 4pin external Fan connector
	1x 3pin Power input (9Vv~48V DC IN)
	1x 8pin Graphic power (12V DC IN)
SSD Tray	2x 2.5" SATA III Swap Tray

Power Requiremen

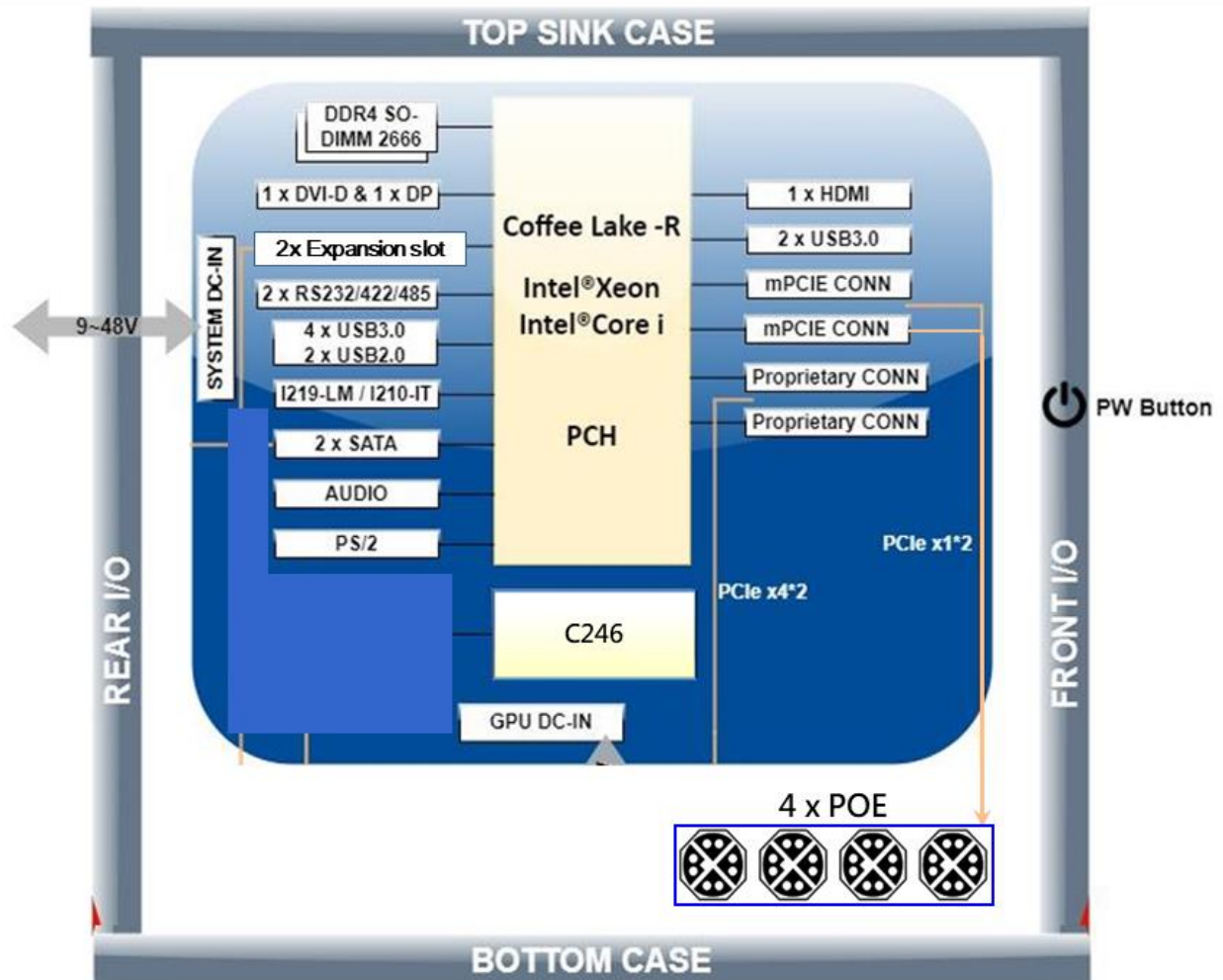|	
Power Input	9V~48V DC-in

Applications, Operating System

Applications	Energy/Smart Grid/Power Plant Management, Intelligent Automation and manufacturing applications
Operating System	Windows 10 64Bit , Linux (support by request)

Mechanical & Environment

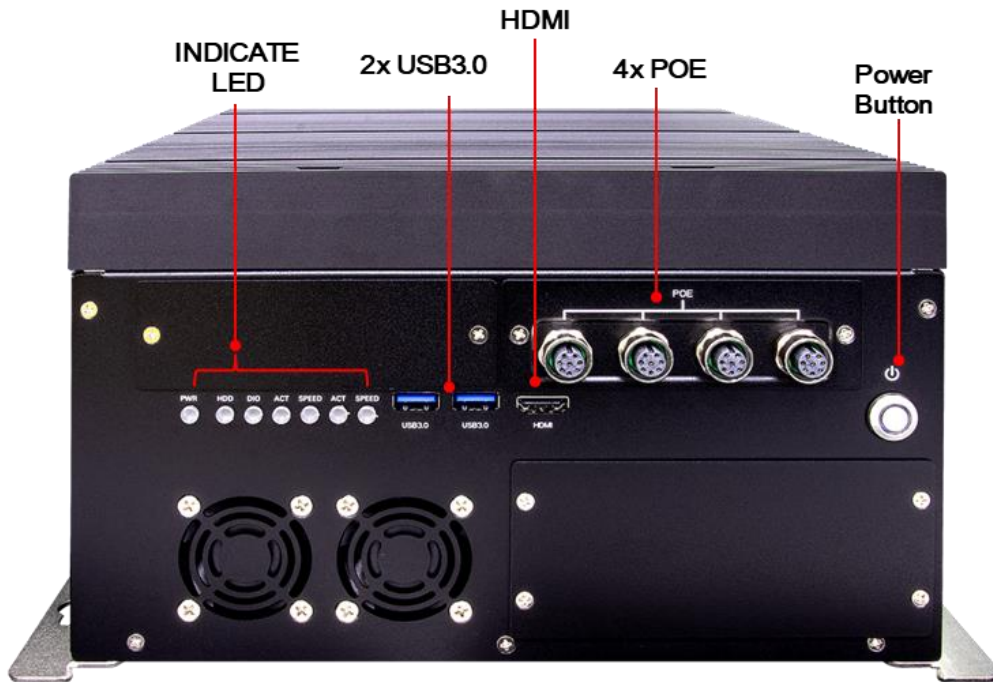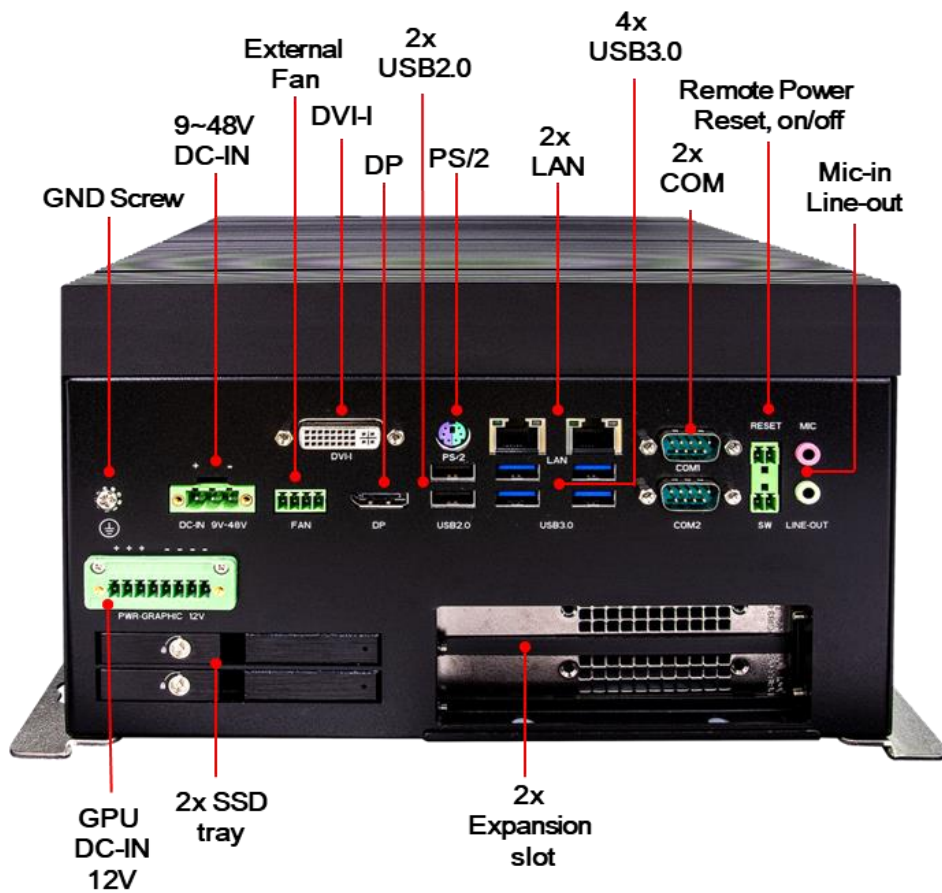|	
Dimension	250 x 150 x 264.2 mm
Operating Temp. (ambient with air flow)	-20 to 60°C
Storage Temp.	-40 to +85°C
Relative Humidity	5% to 95%, non-condensing

Block Diagram

Ordering Information

Model	CPU	LAN	POE	GPU	COM/CAN	USB3.0/2.0	Power	Oper.Temp.
CPT330B-4M	i7-9700TE	2	4	N/A	2/0	6/2	DC 9-48V	-20 to 60℃
CPT330B-4M-8CO	i7-9700TE	2	4	N/A	2+8/0	6/2	DC 9-48V	-20 to 60℃
CPT330B-4M-8CA	i7-9700TE	2	4	N/A	2/8	6/2	DC 9-48V	-20 to 60℃
CPT330B-4M-4P	i7-9700TE	2+4	4+4	N/A	2/0	6/2	DC 9-48V	-20 to 60℃

Front I/O

INDICATE LED · 2x USB3.0 · HDMI · 4x POE · Power Button

Rear I/O

GND Screw · 9~48V DC-IN · External Fan · DVI-I · DP · 2x USB2.0 · PS/2 · 2x LAN · 4x USB3.0 · 2x COM · Remote Power Reset, on/off · Mic-in Line-out

GPU DC-IN 12V · 2x SSD tray · 2x Expansion slot

Dimension