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21,000,000

520 8,078,511
05 4,346,501
210 6,688,570



CPT330B-8C8P -G1660S

Autonomous Driving GPU Computer



- Intel® Coffee Lake-R Xeon/Core i Processor
- Nvidia GTX1660s Graphics Card supported(Optional)
- DDR4-2666 SO-DIMM up to 64G (Xeon SKU support ECC)
- Rich I/O support multi sensors: Lidar, Radar, Camera
- 6 x USB3.0, 2 x USB2.0, 2 x LAN (include 8x PoE), 8 x CANBUS, 1 x PS/2, 1 x Mic-in/Line-out
- Hot SWAP 2.5" SSD Tray
- Multi Display : HDMI/DVI-I/DP
- System Power Wide Range DC-IN 9~48V
- GPU Power DC-IN 12V
- Operating Temperature -20°C to 60°C

Specifications

System

CPU	8/9th Gen Intel® Coffee Lake-R Core i9/i7/i5/i3 LGA1151 Socket Processor, 6-core TDP Max. 65W
Chipset	Intel® C246
Memory type	DDR4-2666 SO-DIMM up to 64G (Xeon SKU support ECC)
Storage Device	2 x 2.5" SATAIII HDD / SSD SWAP tray

Front I/O

Power Button	1 x (with LED indicator)
PWR LED	1
HDD LED	1
DIO LED	1
ACT LED	2
SPEED LED	2
HDMI	1
USB	2 x USB 3.0
CANBUS	8
POE	8

REAR I/O

COM	2 x RS232 / 422 / 485
Ethernet	4 x RJ45
USB	4 x USB 3.0, 2 x USB 2.0
PS/2	1
DisplayPort	1
DVI-I	1
Terminal Block	1 x 2Pin Terminal Block Remote Power ON/OFF 1 x 2Pin Terminal Block Remote Reset 1 x 4Pin Terminal Block External FAN Connector
AUDIO	1 x Mic-in, 1 x Line-out
SSD Tray	2
GPU External Display	1 x GPU GTX1660S(3 x DP + 1 x HDMI) 1 x GPU RTX2060(3 x DP + 1 x HDMI)(Optional)

GPU External Power DC-IN12V

System Power DC-IN 9~48V

Mechanical & Environment

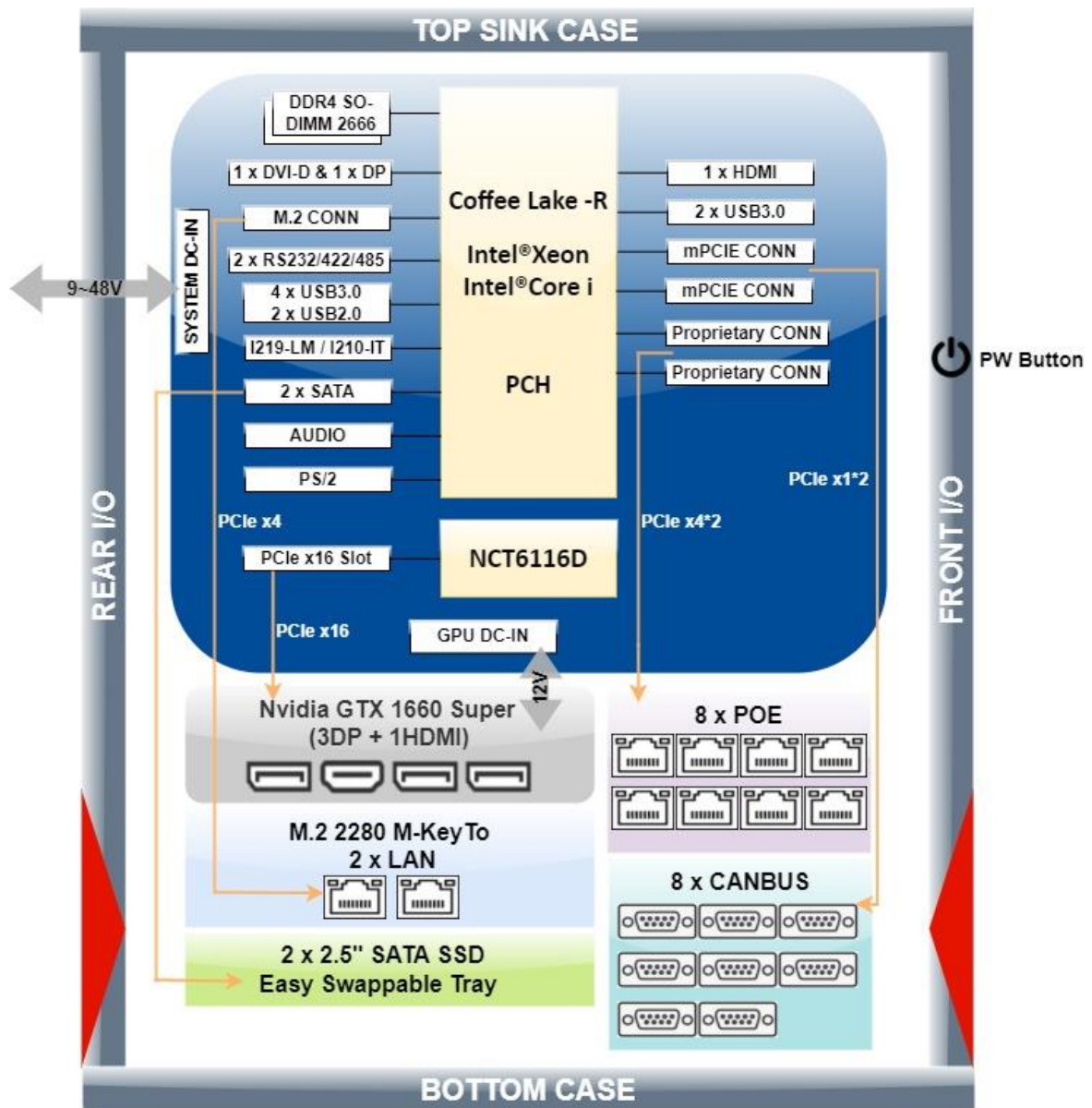
Dimension
(W x H x D) 250 x 150 x 264.2mm

Operating Temp.
(ambient with air
flow) -20 to 60°C

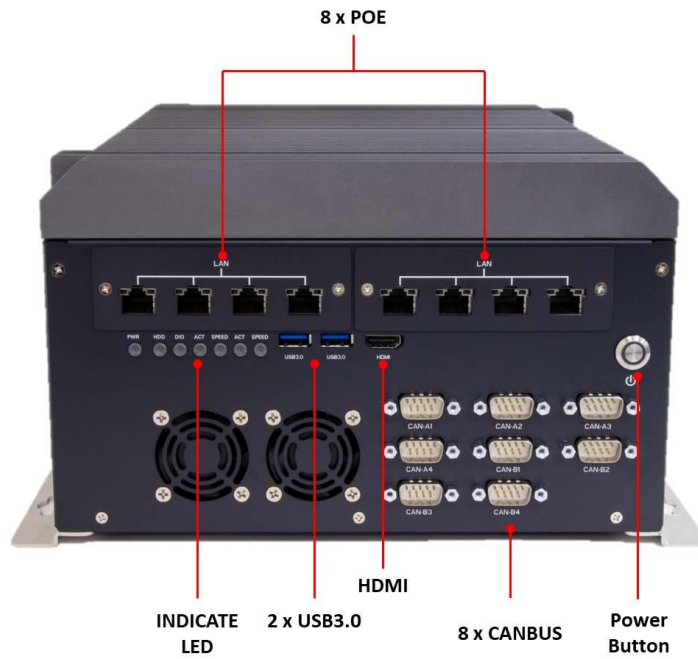
Storage Temp. -40 to +85°C

Relative Humidity 5% to 95%, non-condensing

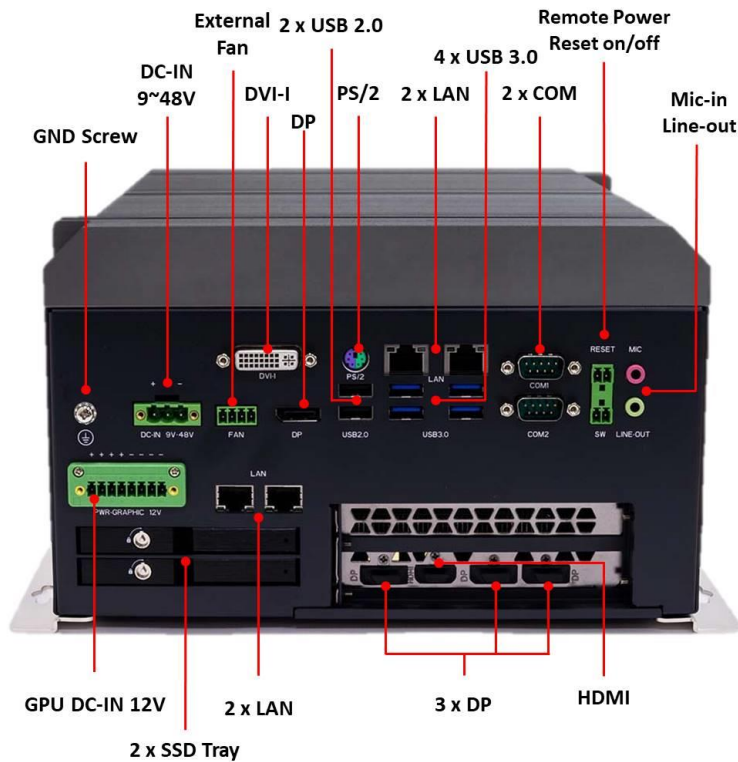
Block Diagram



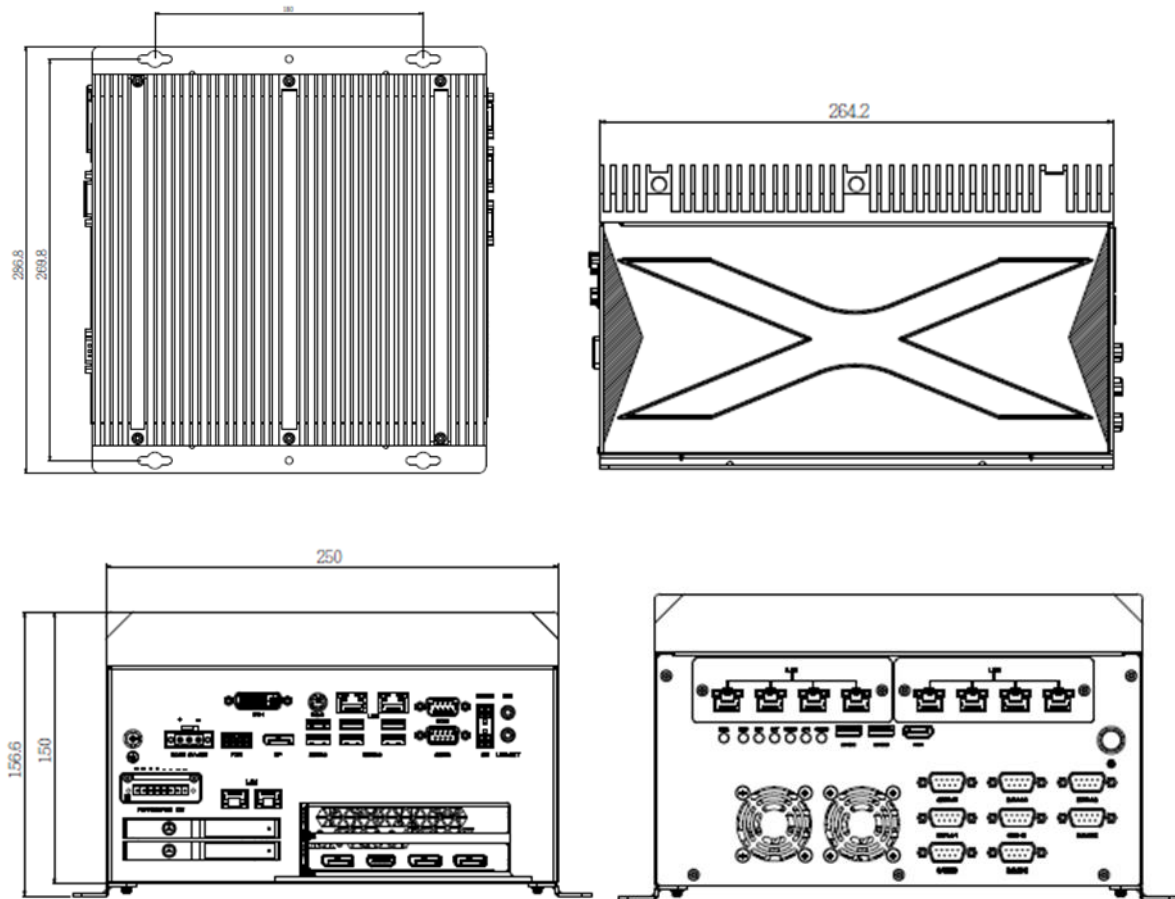
Front I/O



Rear I/O



Dimensions



Ordering Information

Model	CPU	LAN	POE	CANBUS	MXM GPU	USB3.0/2.0	System Power Input	Operation Temp.
CPT330B-8C8P-G1660S	8/9 th LGA1151 (Up to 65W)	4	8	8	GTX1660S	6/2	DC 9~48V	-20 to 60°C
CPT330B(Optional)		2	N/A	N/A	N/A			
CPT330B-8C8P (Optional)		4	8	8	N/A			
CPT330B-8C8P-R2060(Optional)		4	8	8	RTX2060S			