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



# CPT3308-8C8P

# -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 Xeon LGA1151 Socket Processor, 6-core TDP Max. 80W 8/9th Gen Intel® Coffee Lake-R Core i7/i5/i3 LGA1151 Socket Processor, 6-core TDP Max. 65W 9th Gen Intel® Coffee Lake-R Core i9 LGA1151 Socket Processor, 8-core TDP Max 35W
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

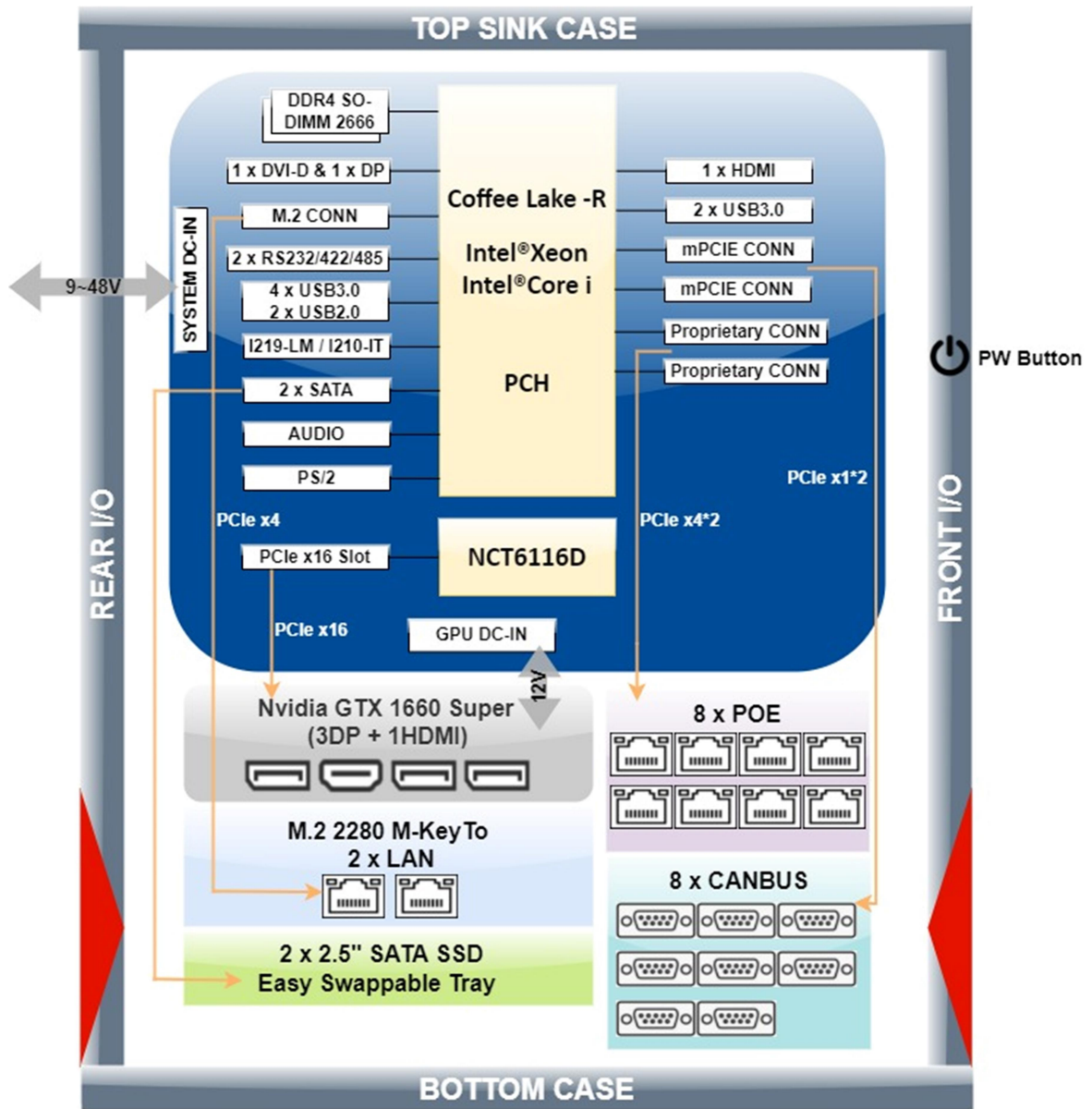
COM	2 x RS232 / 422 / 485
Ethernet	4 x RJ45
USB	4 x USB 3.0, 2 x USB 2.0
PS/2	1
DisplayPort	1
DVI-I	1
Terminal Block	1 x 2Pin Terminal Block Remote Power ON/OFF 1 x 2Pin Terminal Block Remote Reset 1 x 4Pin Terminal Block External FAN Connector

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

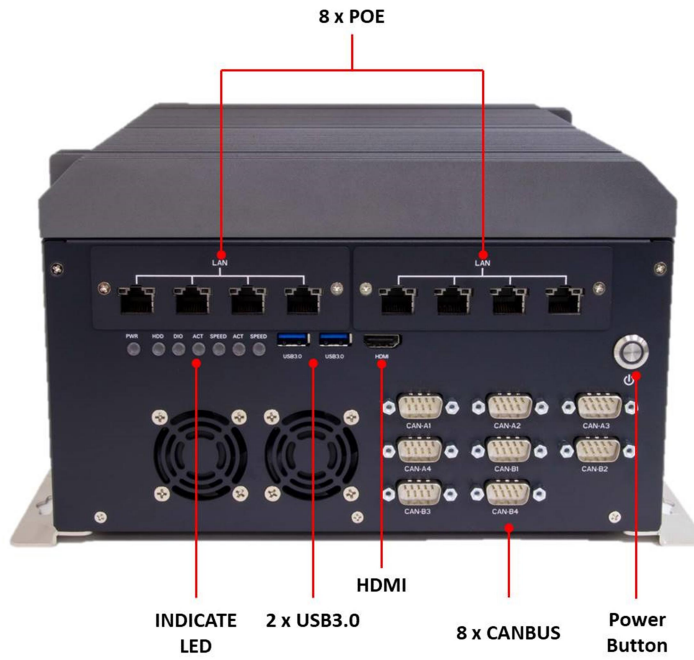
**MECHANICAL & ENVIRONMENT**

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

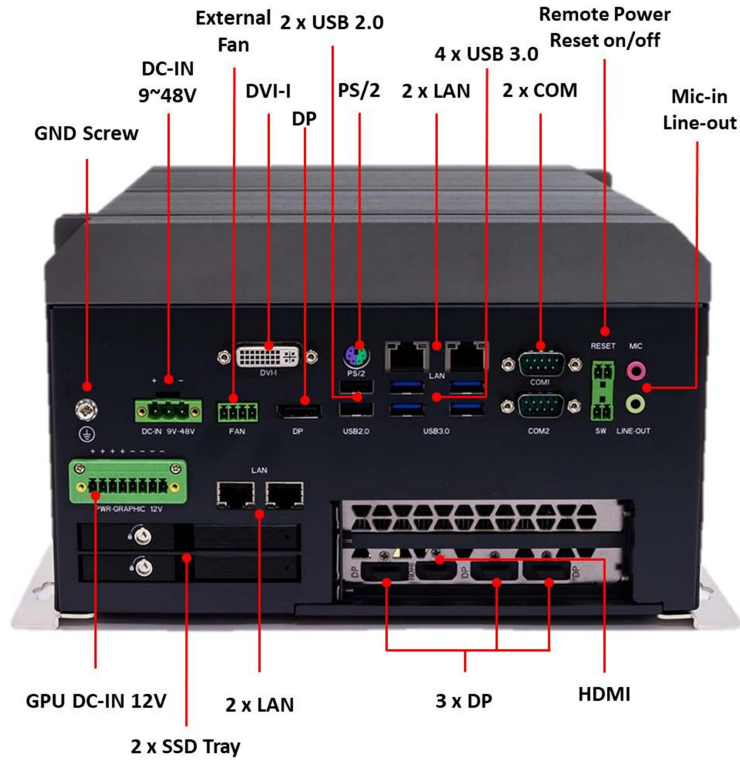
# Block Diagram



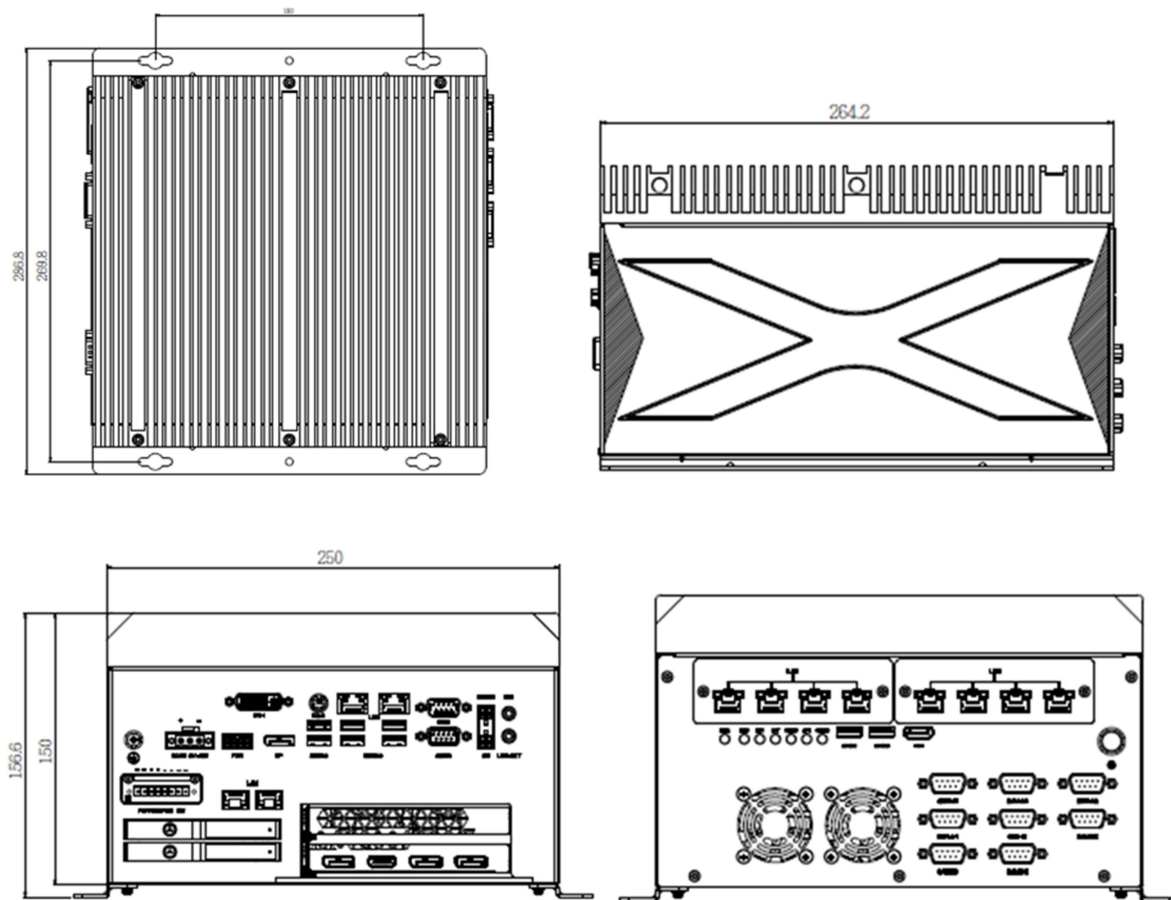
# Front I/O



# Rear I/O



## Dimensions



## Ordering Information

### CPT330B-8C8P-G1660S

Autonomous Driving GPU Computer Support NVIDIA GTX1660S with Intel® XEON/Core I, Rich I/O Interface, 4 x LAN, 8 x PoE, 8 x CANBUS, 6 x USB3.0, 2 x USB2.0, System Power DC-IN 9~48V, GPU Power 12V DC-IN, Operation Temp. -20 to 60°C

### CPT330B (Optional)

Autonomous Driving GPU Computer with Intel® XEON/Core I, Rich I/O Interface, 2 x LAN, 6 x USB3.0, 2 x USB2.0, System Power DC-IN 9~48V, Operation Temp. -20 to 60°C

### CPT330B-8C8P (Optional)

Autonomous Driving GPU Computer with Intel® XEON/Core I, 4 x LAN, 8 x PoE, 8 x CANBUS, 6 x USB3.0, 2 x USB2.0, System Power DC-IN 9~48V, GPU Power 12V DC-IN, Operation Temp. -20 to 60°C

CPT330B-8C8P-R2060(Optional)

Autonomous Driving GPU Computer Support NVIDIA RTX2060 with Intel® XEON/Core I, Rich I/O Interface, 4 x LAN, 8 x PoE, 8 x CANBUS, 6 x USB3.0, 2 x USB2.0, System Power DC-IN 9~48V, GPU Power 12V DC-IN, Operation Temp. -20 to 60°C