

CPT3300

RUGGED IOT EDGE COMPUTER WITH INTEL® CORE™ I7-9700TE PROCESSOR, 1 x PCIEX16 EXPANSION SLOT, MULTI DISPLAY HDMI/DVI-I/DP, 6 x COM, 8 x USB, 6 x LAN, 9V TO 48V DC-IN, NVIDIA GTX1660 GRAPHICS CARD SUPPORTED



- INTEL® CORE™ I7-9700TE PROCESSOR (UP TO 3.8 GHz, 8 CORES)
- NVIDIA GTX1660 GRAPHICS CARD SUPPORTED
- UP TO 64GB DDR4-2666 SDRAM 1 x
- PCIEX16, 2 x 2.5" SSD
- MULTI DISPLAY : HDMI/DVI-I/DP
- 6 x LAN (4 x PoE RJ45 OR M12), 6 x COM, 8 x USB
- WIDE RANGE 9V~48V DC-IN

Extended
Temperature
+60°C
-20°C



SPECIFICATIONS

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High Performance Processor	Intel® Core™ i7-9700 (12M Cache up to 4.7GHz) 65W Intel® Core™ i7-9700TE (12M Cache up to 3.8GHz) 35W Intel® Core™ i7-8700 (12M Cache up to 4.6GHz) 65W Intel® Core™ i7-8700T (12M Cache up to 4.0GHz) 35W Intel® Core™ i5-8500 (9M Cache up to 4.1GHz) 65W Intel® Core™ i5-8500T (9M Cache up to 3.5GHz) 35W Intel® Core™ i3-8100 (6M Cache up to 3.6GHz) 65W Intel® Core™ i3-8100T (6M Cache up to 3.1GHz) 35W
Memory	2 x SO-DIMM up to 64GB DDR4-2666MHz
Chipset	Intel® Q370/C246 Platform Controller Hub
DISPLAY	
Graphics Card	NVIDIA GTX1660 supported
STORAGE	
HDD/SSD	2 x 2.5" SSD
ETHERNET	
Ethernet	1x Intel® i210IT Gigabit Ethernet 1x Intel® i218LM Gigabit Ethernet Optional : 4 x PoE RJ45 (Intel i210-IT) Port 4 x PoE M12 (Intel i210-IT) Port
FRONT I/O	
Expansion	1 x PCIe16
Audio	1 x Mic-in, 1 x Line-out
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 1 x 3Pin Terminal Block Power Input
Serial	2 x DB9 connector (RS232/422/485)
Ethernet	2 x RJ45 Gigabit Ethernet Interfaces (10/100/1000Mbps)
USB	4 x USB3.0, 2 x USB2.0
DisplayPort	1 x 20Pin DisplayPort connector (Female), resolution up to 4096x2160@60Hz
DVI-I	1 x 20Pin DVI-I connector (Female), resolution up to 2560x1600@60Hz
REAR I/O	
Serial	4 x DB9 connector (RS232/422/485)
DI/DO	8-bit Isolated Digital I/O (4 x DI, 4 x DO)
Ethernet	4 x PoE RJ45 or M12 (Optional)
HDMI	1 x 19Pin HDMI1.4 connector (Female), resolution up to 3840x2160@30Hz
USB	2 x USB3.0
Storage	2 x 2.5" SSD
POWER REQUIREMENT	
Power Input	DC-In 9~48V

APPLICATIONS, OPERATING SYSTEM

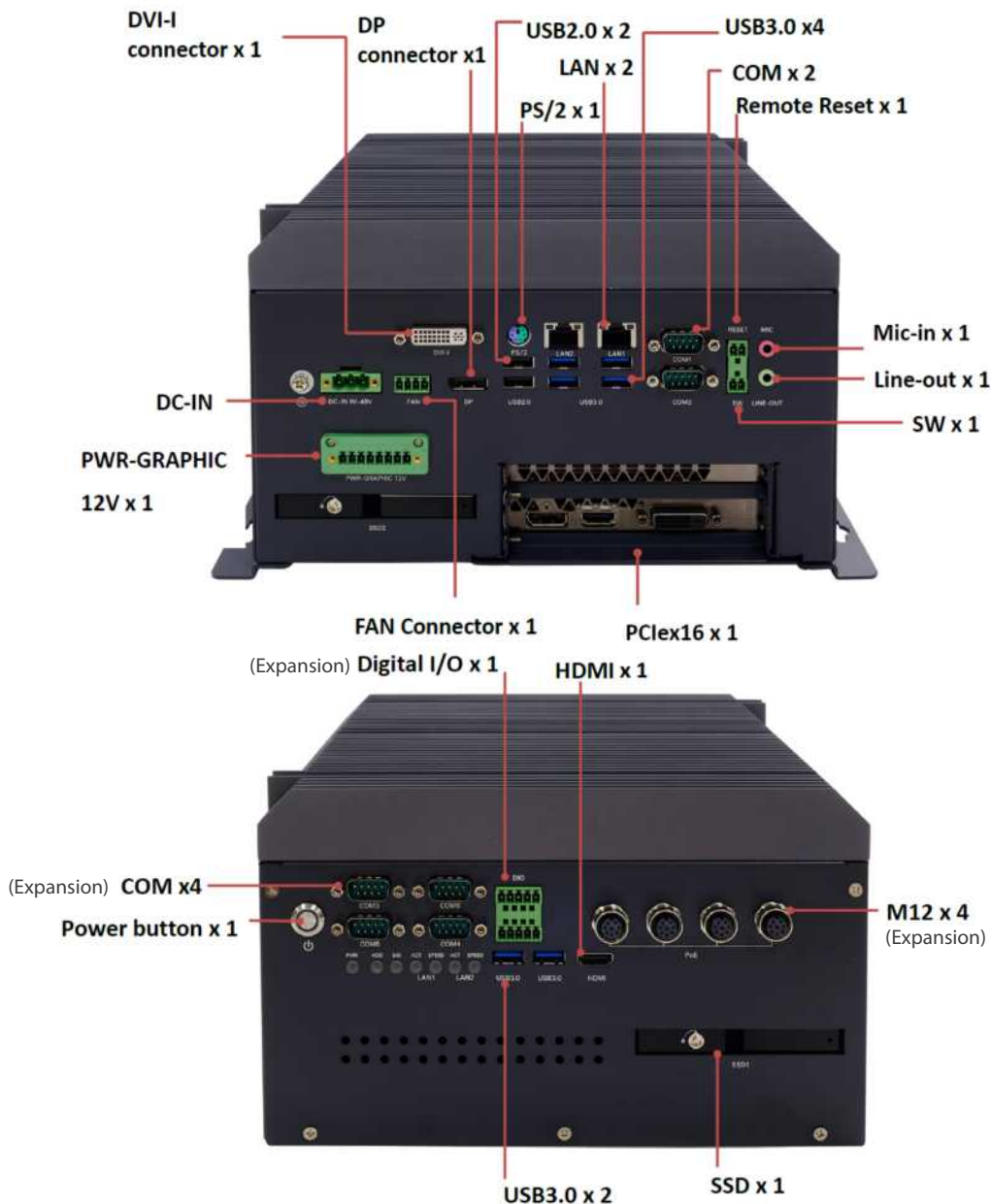
Operating System	Windows 10 64Bit Ubuntu14.04, Fedora 20/23, RedHat Linux EL 7.1/7.2
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PHYSICAL

Dimension (W x D x H)	250x130x264.2mm (WxHxD)
Weight	6.75kg (14.88 lbs)
Chassis	SECC + Aluminum Alloy, Corrosion Resistant
Finish	Anodic aluminum oxide (Color Iron gray and Black)
Cooling	Natural Passive Convection/Conduction. No Moving Parts

ENVIRONMENTAL

Reliability	No Moving Parts; Passive Cooling. Designed & Manufactured using ISO 9001/2000 Certified Quality Program.
Operating Temperature	0 to 50°C, optional: -20 to 60°C
Storage Temperature	-40 to +85°C



ORDERING INFORMATION

CPT330B

RUGGED IOT EDGE COMPUTER WITH INTEL® 9TH GEN. CORE I7/I5/I3, PCIEX16 EXPANSION, 8 X USB, 2 X COM, 2 X LAN, 2 X 2.5" SSD, 9V TO 48V DC-IN, OPERATING TEMP. 0 TO +50°C

CPT330B-ET

RUGGED IOT EDGE COMPUTER WITH INTEL® 9TH GEN. CORE I7/I5/I3, PCIEX16 EXPANSION, 8 X USB, 2 X COM, 2 X LAN, 2 X 2.5" SSD, 9V TO 48V DC-IN, OPERATING TEMP. -20 TO +60°C

ADDITIONAL OPTIONS

- NVIDIA GTX1660 GRAPHICS CARD
- ETHERNET EXPANSION MODULE
 - OPTION 1: 4 X GIGABIT ETHERNET (RJ45)
 - OPTION 2: 4 X GIGABIT ETHERNET (M12)
 - OPTION 3: 4 X GIGABIT POE (RJ45)
 - OPTION 4: 4 X GIGABIT POE (M12)
- COM EXPANSION MODULE
 - 4 X RS232/422/485
 - WITH ISOLATED DIDO (4 X DI, 4 X DO)



*Rear angle w/o expansion modules



*Front angle

DIMENSION

