

# CPT10M

## MIL-STD-810G RUGGED COMPUTER WITH M12 RUGGED CONNECTOR

INTEL® CORE™ I7 BROADWELL PROCESSOR,  
9V TO 36V DC-IN, EXTENDED TEMP. -40 ~ 70°C



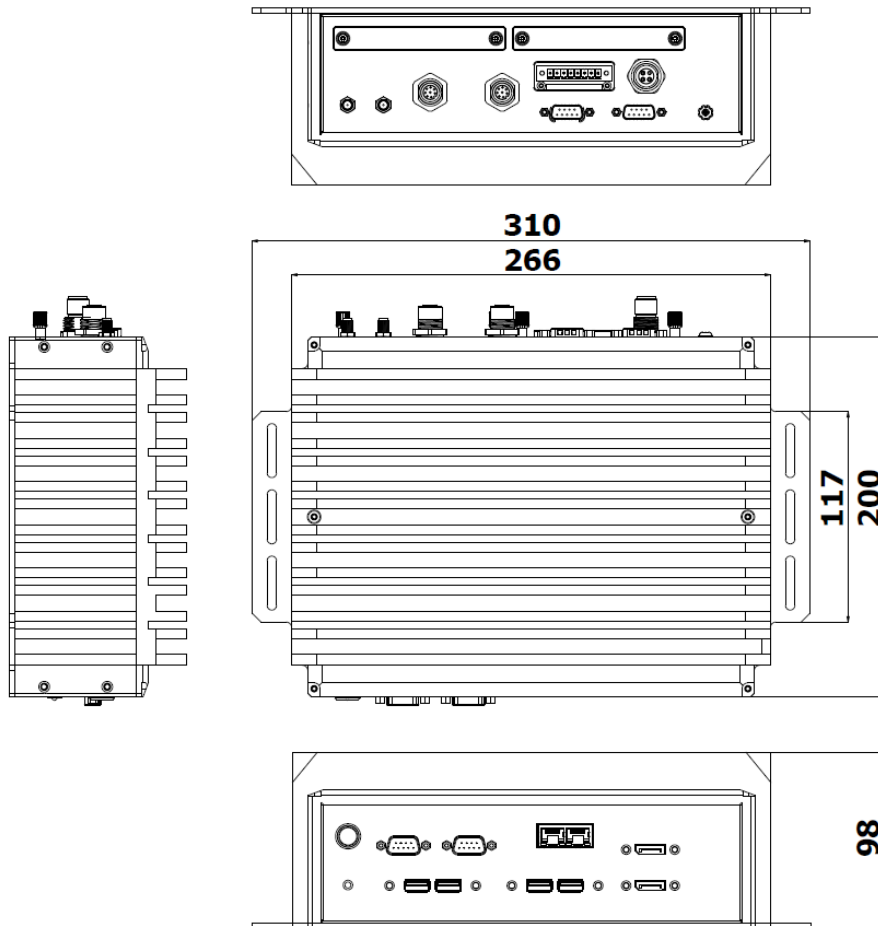
- DESIGN FOR RELIABILITY UNDER DEMANDING MIL-STD-810G THERMAL, SHOCK, VIBRATION, HUMIDITY/EMI/EMC CONDITIONS
- HEAVY-DUTY FULLY IP54 RUGGED ALUMINUM CHASSIS WITH M12 CONNECTORS
- 5TH GEN INTEL® BROADWELL-U PROCESSORS ONBOARD
- XR-DIMM DDR3L UP TO 16GB
- MULTI-DISPLAYS BY 2 X DISPLAYPORT
- 2 X RJ45 , 2 X M12 RUGGED ETHERNET CONNECTORS
- 1 X RUGGED DIGITAL I/O
- 2 X USB 3.0, 2 X USB 2.0, 4 X COM PORTS (3 X RS232, 1 X RS232/422/485)
- 9V~36V DC-IN BY M12 CONNECTOR
- EXTENDED TEMPERATURE -40 TO 70 °C

## SPECIFICATIONS

SYSTEM	
Processor	Intel® Broadwell-U i7/i5/celeron
Memory	2 x DDR3L XR-DIMM up to 16GB
Expansion Slot	1 x miniPCIe/mSATA
DISPLAY	
Display Port	HD Graphics resolution up to 3840 x 2160 @60Hz
STORAGE	
HDD	2 x 2.5" SSD/HDD, SATAIII HDD – up to 2TB Capacity max. Solid State Disk (SSD) - up to 512GB Capacity max.
ETHERNET	
Ethernet	3 x Intel® i210IT ,1 x Intel® i218LM Gigabit Ethernet (10/100/1000Mbps)
FRONT I/O	
DisplayPort	2 x DisplayPort connectors
Ethernet	2 x RJ45 GbE LAN
Serial Port	2 x DB9 connectors (RS-232)
USB Port	2 x USB3.0 standard-A connectors 2 x USB2.0 standard-A connectors
REAR I/O	
HDD Tray	2 x 2.5"HDD Tray
Ethernet	2 x Rugged M12 connectors
Digital I/O	1 x 8P Rugged Terminal Block (4in/4out)
Serial Port	2 x DB9 connectors (1 x RS-232, 1 x RS-232/422/485)
Antenna	3 x SMA connectors for 3G,WIFI,GPS
DC-IN	1 x 4P Rugged M12 connector
APPLICATIONS, OPERATING SYSTEM	
Applications	Embedded Computing, Process Control, Intelligent Automation and manufacturing applications ,Railway surveillance, Passenger information system, Driver Machine interface, Train management and applications where Harsh Temperature, Shock, Vibration, Altitude, Dust, Damp and EMI Conditions.
Operating System	Microsoft Windows 7 Professional 32/64Bit, Microsoft Windows 8 Professional 32/64Bit, Ubuntu13.04 Ubuntu13.10 Ubuntu14.04, Fedora 20
MECHANICAL AND ENVIRONMENT	
Dimension (W x D x H)	310(L) x 200(W) x 98(H)mm
Weight	5.1 Kg
Chassis	Aluminum Alloy, Corrosion Resistant
Ingress Protection	Dust Proof (Similar to IP54)
Reliability	No Moving Parts; Passive Cooling Designed & Manufactured using ISO 9001/2000 Certified Quality Program
EMC	CE and FCC compliance
EN50155	EN50155 compliance (Optional)
Green Product	RoHS, WEEE compliance
Power Type	Standard: SK708 (9V to 36V Input/60W, Extended Temp. -40 to 85°C)

**CPT10** , A MIL-STD-810G RUGGED SYSTEM HIGHLIGHTS IN ITS 5TH GEN BROADWELL CORE I7-5650U PROCESSOR WITH RUGGED XR-DIMM RAM, RICH I/O WITH 4 X USB, 4 X COM PORT, 4 X LAN PORTS (2 BY M12 RUGGED CONNETTOR) AND 2 DISPLAYPORT VIDEO OUTPUTS.

**DIMENSIONS**



**ORDERING INFORMATION**

**CPT10M-I7**

MIL-STD-810G RUGGED SYSTEM WITH INTEL® CORE™ I7-5650U, 9V TO 36V DC-IN, EXTENDED TEMP. -40 ~ 70°C

**CPT10M-I5**

MIL-STD-810G RUGGED SYSTEM WITH INTEL® CORE™ I5-5350U, 9V TO 36V DC-IN, EXTENDED TEMP. -40 ~ 70°C

**CPT10M-CELERON**

MIL-STD-810G RUGGED SYSTEM WITH INTEL® CELERON™ 3765U, 9V TO 36V DC-IN, EXTENDED TEMP. -40 ~ 70°C