CPT10M

MIL-STD-810G Rugged Computer with M12 Rugged connector

Power Automation Computer

- **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, 1x RS232/422/485)**
- **9V~36V DC-in by M12 connector**

Specifications

System

CPU	Intel® Broadwell-U i7/i5/celeron
Memory type	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)

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

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

Applications, Operating System

Applications	Commercial and Military Platforms Requiring Compliance to MIL-STD-810G Embedded Computing, Process Control, Intelligent Automation and manufacturing applications where Harsh Temperature, Shock, Vibration, Altitude, Dust and EMI Conditions. Used in all aspects of the military.
Operating System	Microsoft Windows 7 Professional 32/64Bit, Microsoft Windows 8 Professional 32/64Bit, Ubuntu13.04 Ubuntu13.10 Ubuntu14.04, Fedora 20

Physical

Dimension (W x D x H)	310(L) x 200(W) x 98(H)mm
Weight	5.1 Kg
Chassis	Aluminum Alloy, Corrosion Resistant
Reliability	No Moving Parts; Passive Cooling Designed & Manufactured using ISO 9001/2000 Certified Quality Program
EMC	CE and FCC compliance
EN50155	EN50155 compliance (Optional)
Ingress Protection	Dust Proof (Similar to IP54)
EMC	CE and FCC compliance
Green Product	RoHS, WEEE compliance

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

Dimensions