



## CORE I7 RUGGED MILITARY COTS COMPUTER- SMALL FORM FACTOR (SFF) WITH PCIe/104 ARCHITECTURE



### Wide Temperature

**+75°C**

**-40°C**

- RUGGED COTS COMPUTER WITH INTEL® 3RD GENERATION CORE- I7 PROCESSOR
- NVIDIA® GPU GT730M SUPPORTS CUDA 384 INDEPENDENT DISPLAYS BY 4 X DP
- MODULAR RUGGED CHASSIS WITH STACKABLE PCIe/104 I/O CARD EXPANSION.
- 28V DC MIL-STD-1275/704/DO-160 POWER SUPPLY WITH VOLTAGE TRANSIENT PROTECTIONS
- DESIGN FOR RELIABILITY UNDER DEMANDING MIL-STD-810G/DO-160/MIL-461F THERMAL SHOCK, VIBRATION, HUMIDITY/EMI/EMC CONDITIONS
- RUGGED IP67 ALUMINUM CHASSIS WITH MIL-DTL-38999 CONNECTORS
- MILITARY GRADE M12 X-CODED CONNECTOR
- OPERATING TEMPERATURE RANGE :  
-40°C TO 75°C



**SPECIFICATIONS**

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High Performance Processor	Intel® 3rd generation Core™ i7 Processor
Memory	1 x DDR3 1333/1600MHz XR-DIMM 8 GB
Chipset	Intel® QM77

**STORAGE**

HDD/SDD support	1 x 2.5" SSD 1 x mSATA SSD backup storage
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**I/O CONNECTORS**

Power button	1
VGA	1
DVI	1
Ethernet	2 with M12 X-Corded connector( up to 6)
COM	2 with M12
USB	2 with M12
Audio	1 with M12
DC-in	1 with M12

**MECHANICAL**

Housing	Aluminum
Weight	7Kg (15.43 lb)
Dimension	147 x 172 x 268 mm

**MECHANICAL & ENVIRONMENTAL**

Input Voltage	9 to 36 VDC (Compliant with MIL-STD-1275/704/DO-160 at 28 VDC transient protections)
Operating Temp.	(17.32" x 1.73" x 14.96")
(W x H x D)	-40 to 75°C
Storage Temp.	-40 to 85°C
Relative Humidity	Up to 95%RH @40°C, non-condensing
Certifications	CE, FCC
Ingress Protection	Designed for compliance to IP67, MIL-STD-810G

**STANDARD AND CERTIFICATIONS**

EMI/EMC	Designed to meet MIL-STD-461F & RTCA/DO-160G
Military	Designed to meet MIL-STD-810G and RTCA/DO-160G
Vibration & Shock	Designed to meet MIL-STD-810G

APPEARANCE



