



LAND



SEA



AIR



SR700-SG

**MIL-STD-810G IP65 RUGGED
COMPUTER COMPUTER**



MIL-STD-810G IP65 RUGGED

- 4th Gen Intel® Core™ i7 Processor
- NVIDIA® GeForce GTX950M Graphic
- DDR3L XR-DIMM Up to 8GB
- Onboard uSSD SATAIII up to 64GB
- 1 x VGA, 2 x Gigabit Ethernet, 2 x USB, 2 X com
- Extended Temperature -40 to 70°C

Specifications

SYSTEM

High Performance Processor	Intel® 4th Gen Core™ i7-4700EQ (Frequency 2.4GHz, Turbo Boost Frequency up to 3.4GHz), Quad-Core, 8 Thread Support, 6MB SmartCache. Build-in HD Graphics 4600 for excellent 3D, Turbo Boost Technology 2.0, VPro and Hyper-Threading support.
Memory type	1 x DDR3L XR-DIMM™ up to 8GB
Chipset	Intel® QM87 Chipset providing integrated USB 3.0 and supporting 4th generation Intel® Core™ processor families
Expansion Slot	1 x Full-size mPCIe with SIM card holder 1 x Full-size mPCIe/mSATA

DISPLAY

MXM	NVIDIA® GeForce GTX950M
VGA	Resolution up to 2048x1536

STORAGE

uSSD	Onboard uSSD SATAIII up to 64 GB
mSATA	1 x mSATA Solid State Disk (SSD) - up to 512GB Capacity.

ETHERNET

Ethernet	2 x Intel Gigabit Ethernet LAN Interfaces (10/100/1000Mbps)
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FRONT I/O

VGA	1 x Rugged M12 connector
USB	1 x Rugged M12 connector (2 x USB 2.0 Ports)
Serial Port	1 x Rugged M12 connector (1 x RS-232, 1 x RS-485)
Ethernet	2 x Rugged M12 connectors
DC-IN	1 x Rugged M12 connector

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	Win 7 32/64Bit, Win 8 32/64Bit, Win 8.1 32/64Bit, Win 10 32/64Bit

Ubuntu13.04, Ubuntu13.10, Ubuntu14.04, Fedora 20.

PHYSICAL

Dimension (W x D x H)	350 x 230 x 76 mm
Weight	8.6 Kg (18.9 lbs)
Chassis	Aluminum Alloy, Corrosion Resistant.
Finish	Anodic aluminum oxide (Color Iron gray)
Cooling	Natural Passive Convection/Conduction. No Moving Parts.
Connectors	DC-IN : Phoenix Contact 1424136 Ethernet : Phoenix Contact 1424177 VGA : Phoenix Contact 1441833 USB : Phoenix Contact 1424177 COM : Phoenix Contact 1441833
Ingress Protection	IP65

ENVIRONMENTAL

MIL-STD-810G Test	Method 507.5, Procedure II (Temperature & Humidity) Method 516.6 Shock-Procedure V Non-Operating (Mechanical Shock) Method 516.6 Shock-Procedure I Operating (Mechanical Shock) Method 514.6 Vibration Category 24/Non-Operating (Category 20 & 24, Vibration) Method 514.6 Vibration Category 20/Operating (Category 20 & 24, Vibration) Method 501.5, Procedure I (Storage/High Temperature) Method 501.5, Procedure II (Operation/High Temperature) Method 502.5, Procedure I (Storage/Low Temperature) Method 502.5, Procedure II (Operation/Low Temperature) Method 503.5, Procedure I (Temperature shock)
Reliability	No Moving Parts; Passive Cooling. Designed & Manufactured using ISO 9001/2000 Certified quality Program.
EMC	CE and FCC compliance
Green Product	RoHS, WEEE compliance

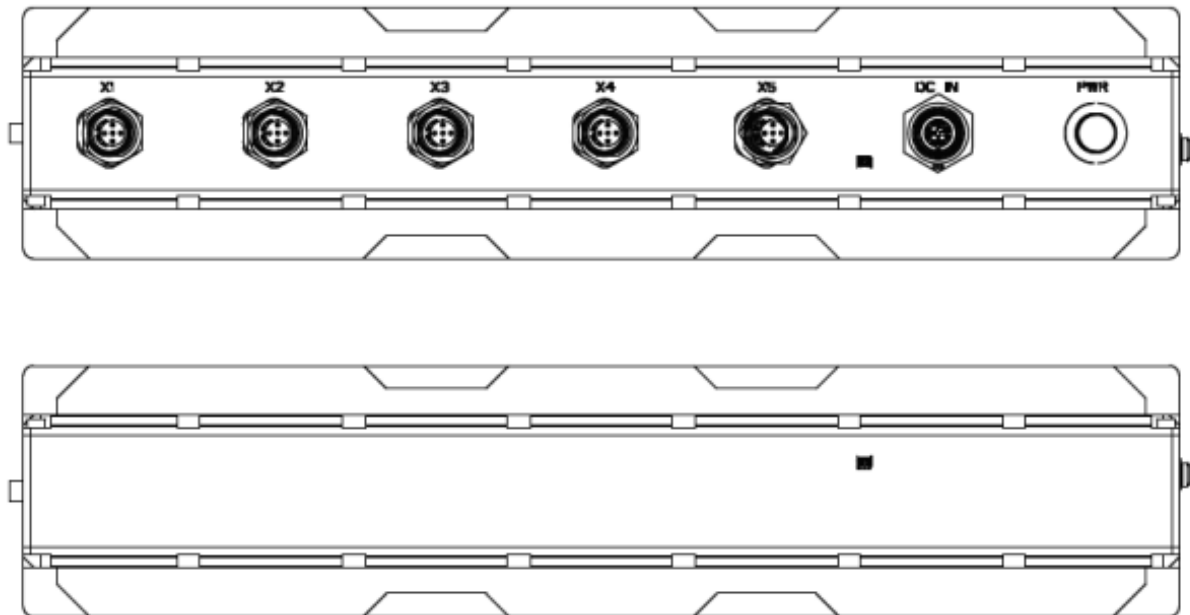
Ordering Information

SR700-SG

IP65 MIL-STD-810G Rugged Computer with

Intel® Core i7- 4700EQ, NVIDIA® GeForce GTX950M 9V to 36V DC-in, Extended Temp -40 to 70°C

Appearance



DIMENSIONS

