

SR200-SG

INTEL® 4TH GEN. HASWELL® CORE™
I7-4700EQ NVIDIA GTX950M
GPUMIL-STD FANLESS
RUGGED SYSTEM



Extended
Temperature
+60°C
-20°C

- MIL-STD 810G COMPLIANCE
- 4TH GENERATION INTEL® CORE™ I7-4700EQ HASWELL PROCESSOR
- DDR3 XR-DIMM UP TO 8GB RAM
- ONBOARD USSD SATAIII 64GB
- NVIDIA GTX950M INDEPENDENT DISPLAYS BY 4 X DP
- 2 X MPCIE EXPANSION SLOT (ONE SUPPORTS MSATA)
- 2 X INTEL® GIGABIT ETHERNET
- 4 X USB 3.0, 1 X COM PORT
- 9V TO 36V DC-IN WITH POWER DELAY ON/OFF

SPECIFICATIONS

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High Performance Processor	Intel® 4th Gen Core™ i7-4700EQ (Frequency 2.4GHz, Turbo Boost 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	1 x DDR3 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	
GPU	NVIDIA GTX950M
Display Port	Resolution up to 3840 x 2160
DVI-I	Resolution up to 1920 x 1200
STORAGE	
uSSD	Onboard uSSD SATAIII 64GB
mSATA	1 x mSATA Solid State Disk (SSD) - up to 512GB Capacity.
ETHERNET	
Ethernet	2 x Intel Gigabit Ethernet LAN Interfaces (10/100/1000Mbps)
REAR I/O	
DisplayPort	2 x DisplayPort connectors
DVI-I	1 x DVI-I connector (With cover)
Ethernet	2 x RJ45 Gigabit Ethernet LAN
Audio	2 x 3.5mm Audio Jacks (1 x MIC, 1 x Line-Out)
Serial Port	1 x DB9 connector (RS-232/422/485)
USB Port	2 x USB3.0 standard-A connectors
FRONT I/O	
Button	1 x Power Button
DC-IN	4P Rugged Terminal connector
Indicator LED	Power, HDD, LAN (Link/Active/Speed)
USB Port	2 x USB3.0 standard-A connectors
DisplayPort	4 x DisplayPort connectors from GPU

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	Windows 7 , Windows 8 , Windows 8.1 , Windows 10 Ubuntu13.04, Ubuntu13.10, Ubuntu14.04, Fedora 20

PHYSICAL

Dimension (W x D x H)	308 x 149 x 76mm
Weight	4.3 Kg (9.47 lbs)
Chassis	Aluminum Alloy, Corrosion Resistant.
Finish	Anodic aluminum oxide (Color Iron gray)
Cooling	Natural Passive Convection/Conduction. No Moving Parts.
Ingress Protection	Dust Proof (Similar to IP50)

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
SR200-SG

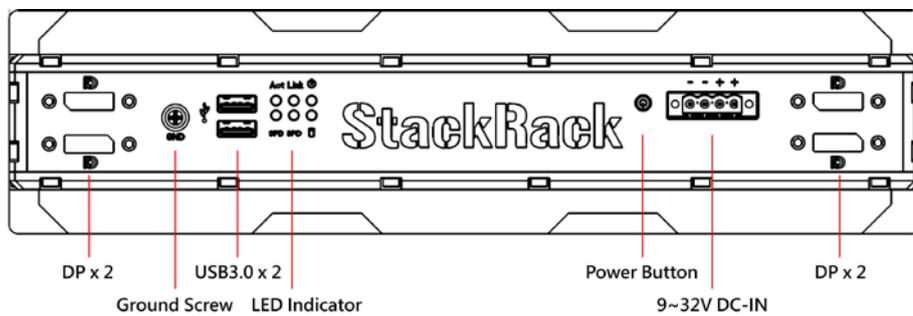
**MIL-STD-810G RUGGED COMPUTER WITH INTEL® CORE I7- 4700EQ,
NVIDIA GTX950M GPU, 4 INDEPENDENT DP, MINI PCIE,
9V TO 36V DC-IN, EXTENDED TEMP -20 TO 60°C**

SR200-SG, EBX RUGGED SYSTEM IS A POWERFUL SYSTEM THAT IS DRIVEN BY INTEL® 4TH GENERATION HASWELL CPU AND CHIPSET SOLDERING ONBOARD, INTEGRATED WITH NVIDIA GTX950M GPU MODULE.

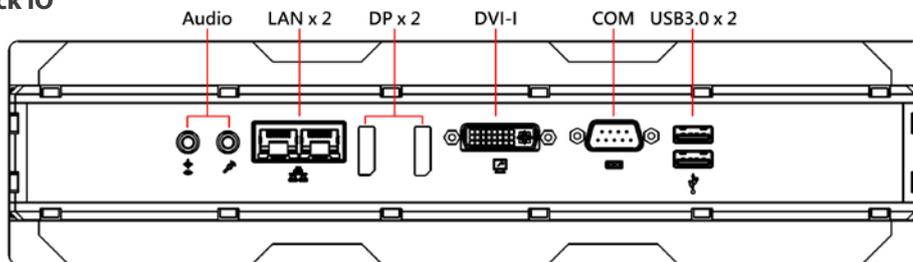
PROCESSOR I7-4700EQ PLUS INTEL® QM87 CHIPSET SUPPORTS CLOCK SPEED 2.4GHZ, UP TO 3.4GHZ. QUAD CORES, TURBO UP TO 8 CORES TO COPE WITH ENORMOUS DATA COMPUTING.

APPEARANCE

Front IO



Back IO



DIMENSIONS

