Specifications

Specifications	
High Performance Processor	OUFM□I□FO□SF□FRVFOD□□SCP□PTU□□P□□ VBE□SF□SFBE□PSU□BSUBDIF□ VME□□□BIDT□PS□DFMMFOU□SCP□PTU□DIOPMPH□SP □ BOE□FS□SFBEOH□VPSU□
Memory	□VHHFE□NPS□POOFDUPS□□I □ TTCU□□□□P□ □
Chipset	Intel® QM87 Chipset providing integrated USB 3.0 and supporting 4th generation Intel® Core™ processor families
Expansion Slot	□MM□FN□O1F□P□MB□IN□ □OCPBSE□SE□MPU□0□GPS□DPOOFDUWU□
Display	
GPU	NVIDIA GTX950M
Display Port	Resolution up to 3840 x 2160@60Hz
DVI-I	Resolution up to 1920 x 1200@60Hz
Storage	
uSSD	Onboard uSSD SATAIII up to 64 GB
mSATA	mSATA Solid State Disk (SSD) - up to 512GB Capacity. Rugged Industrial NAND Flash mSATA Storage w/ Rugged -40/+85C High Capacity, optional Pre-loaded with Linux or Windows OS. 64 / 128 / 256 / 512GB Innodisk 3MG2-P Series MLC SATA III 6Gb/s Flash SSD, Rated for 520 MB/sec Sequential Read ; 350 MB/sec Write Max.
Ethernet	
Ethernet	2 x Intel Gigabit Ethernet LAN Interfaces (10/100/1000Mbps)
Rear I/O	
DisplayPort	2 x 20Pin □TQMB□PSUconnectors (Female)
DVI-I	1 x 29Pin DVI-I connector (Female)
Ethernet	2 x RJ45 Gigabit Ethernet LAN Interfaces
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	□ x 20Pin □TQMB□PSUconnectors (Female)

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.
Connectors	DC-IN : PHOENIX CONTACT 1776715 RJ45 Ethernet : RTB-19GB9J1A DVI-I : BANGSON DVI02-0123001-T DisplayPort : FOXCONN 3VD21203-H7U0-4 Audio : WTJ-035-67S1A01/ WTJ-035-67S1A02
Ingress Protection	Dust Proof (Similar to IP54)
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 uality Program.
EMC	CE and FCC compliance
Green Product	RoHS, WEEE compliance

Ordering Information

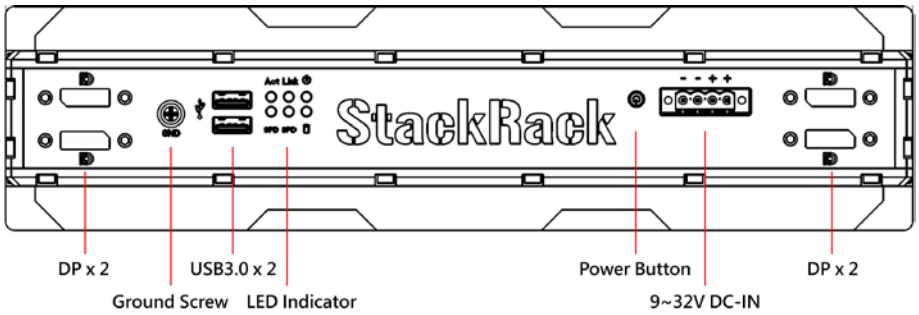
SR200-SG

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

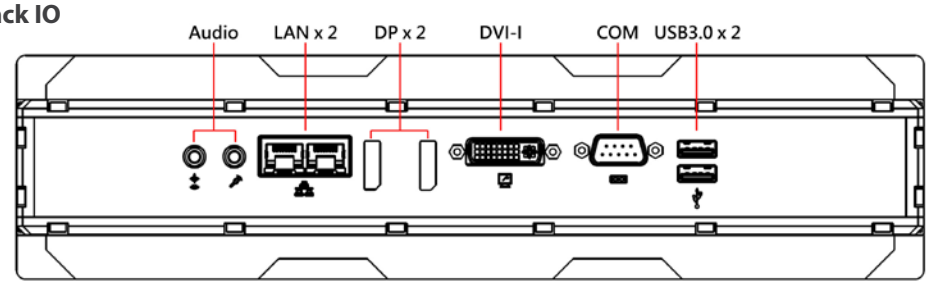
SR200-SG, EBX rugged system is a powerful system that is driven by Intel® 4th generation Haswell CPU and chipset soldering onboard, integrated with Nvidia GPU GTX950M that supports 4 independent DisplayPort. Processor i7-4700EQ plus Intel® QM87 chipset supports clock speed 2.4GHz, up to 3.4GHz. Quad cores, turbo up to 8 cores to cope with enormous data computing.

Appearance

Front IO



Back IO



Dimensions