



LAND



SEA



AIR

SR200-5G

INTEL® 4TH GEN. HASWELL® CORE™
I7-4700EQ MIL-STD FANLESS RUGGED SYSTEM
COMPUTER



- Intel® Haswell i7-4700EQ + Intel QM87 PCH(4 cores x 2.4GHz, 47W)
- NVIDIA®1050Ti CUDA 768 GDDR5-4GB/Quadro® P3000 CUDA1280 GDDR5-6GB/Quadro® RTX3000 CUDA 1920 GDDR6-6GB GPU
- DDR3 XR-DIMM up to 8GB memory
- Onboard SATAIII NAND Drive up to 64GB
- 6 x independent DisplayPort
- 2 x mPCIe expansion slot (one co-lay with mSATA)
- 9V to 36V DC-in with power delay on/off
- Wide operating temperature. -40°C to 60°C



Specifications

SYSTEM

CPU	Intel® Core™ i7 Haswell , BGA type Intel® Core i7-4700EQ (4C x 3.4/2.4 GHz GHz), 6M Cache (47W)
GPU	NVIDIA®1050Ti CUDA 768 GDDR5-4GB Quadro®P3000 CUDA 1280 GDDR5-6GB Quadro®RTX3000 CUDA 1920 GDDR6-6GB
Chipset	Intel® QM87 Chipset (Intel® DH82QM87 PCH)
Memory Type	1 x DDR3 1600 XR-DIMM up to 8 GB with ECC
Expansion Slot	2 x mPCIe (1 x colay with mSATA) for GEN2
Storage Device	Onboard uSSD SATAIII up to 64 GB
Ethernet Chipset	Intel® I210IT & I217LM GbE

FRONT I/O

Power Button	1 with backlight
Power LED	1
HDD LED	1
LAN LED	2 sets
USB	2 x USB 3.0
DisplayPort	4 support by MXM Graphic card
POWER	1 x Terminal Block

REAR I/O

Ethernet	2 x RJ45 ports
Audio	1 x MIC, 1 x Line out
COM	1x RS-232/422/485 with 5V/12V selectable(DB9 male) Serial Signals RS232: DCD-, RXD, TXD, DTR-, GND, DSR-, RTS-, CTS- RS422: TX-, RX+, TX+, RX-, GND RS485- 4W: TxD+, TxD-, RxD+, RxD-, GND RS485- 2W: DATA-, DATA+, GND
USB	2 x USB 3.0
DisplayPort	2 support by Intel QM87 chipset

DISPLAY

Display Resolution	6 x DP Up to 3840 x 2160
GPU	MXM Type A Graphic Card NVIDIA@ GTX950M (Optional: AMD E8860) (embedded on PCIe/104 form factor)

OS SUPPORT LIST

Windows	Windows 8 x32/x64 · Windows 8.1 x32/x64 · Windows 10 x32/x64
Linux	Fedora 20 · Ubuntu 13.04 · Ubuntu 13.10 · Ubuntu 14.04

MECHANICAL AND ENVIRONMENT

Power Requirement	9V to 36V DC-in, AT/ATX mode with power delay on/off
Dimension	308 x 149 x 76 mm
Weight	4.30 Kg (9.47 lbs)
Operating Temp.	-20°C to 60°C(ambient with air flow)
Storage Temp.	-40°C to 85°C
Relative Humidity	5% to 95%, non-condensing

TEST STANDARD

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)
EMC	CE and FCC certificated
Green Product	RoHS, WEEE compliance

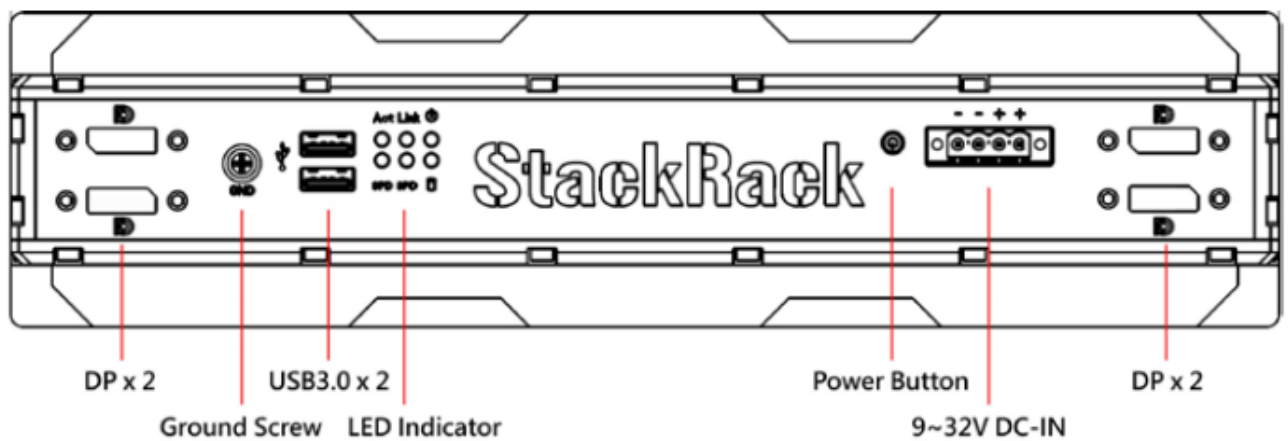
Ordering Information

SR200-SG

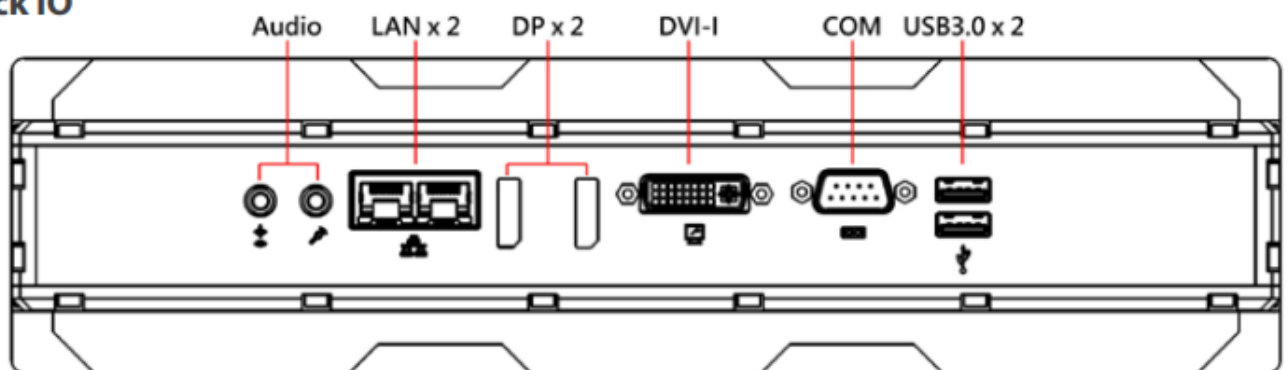
MIL-STD-810G Rugged Computer with Intel® Core i7- 4700EQ,
NVIDIA® 1050Ti CUDA 768 GDDR5-4GB/GTX 1650 CUDA896 GDDR5-4GB/GTX 1660S CUDA1408
GDDR6-6GB GPU, 4 Independent DP, Mini PCIe,
9V to 36V DC-in, Extended Temp -20 to 60°C

Appearance

Front IO



Back IO



Dimension

