

SR10A

INTEL® CORE™ I7 HASWELL PROCESSOR,
FANLESS RUGGED VIBRATION PROOF
SYSTEM, MPCIE EXPANSION 9V TO 36V
DC-IN, WIDE TEMP. -40 ~ 70°C



- MIL-STD 810G VIBRATION:10 GRMS, SHOCK: 75GRMS
- 4TH GENERATION INTEL® CORE™ I7 HASWELL PROCESSORS (BGA)
- DDR3 UP TO 8GB XR-DIMM
- MSATA UP TO 256GB
- MULTI-DISPLAYS BY 2 X DP, 1 X DVI-I
- 2X RJ45 INTEL® GIGABIT ETHERNET
- 1 X MPCIE EXPANSION
- 4 X USB 3.0, 1 X COM PORTS (1X RS232/422/485)
- 9V~36V DC-IN WITH POWER DELAY ON/OFF
- EXTENDED TEMPERATURE -40 TO 70 °C
- OPTIONAL FORWIRE ROPE VIBRATION ISOLATION

SPECIFICATIONS

SYSTEM	
CPU	Core i7-4700EQ (4Cx2.4/1.7Ghz), 6M Cache (47W)
Memory type	1xDDR3 1600Mhz XR-DIMM upto 8GB with ECC
Chipset	IQM87
DISPLAY	
Display Port	2 x 20Pin DP connector (Female)
DVI-I	1 x 29Pin DVI-I connector (Female)
AUDIO	
Codec	Realtek ALC887 High Defintion Audio Codec
ETHERNET	
Chipset	2 x RJ45 Intel® I210IT & i217LM GbE
FRONT I/O	
Button	1 x Power, 1 x Reset
LED	Power, HDD, LAN
USB	2 x USB 3.0
Power input	1 x Terminal Block
REAR I/O	
Display Port	2 x 20Pin DP Connector (Female)
DVI-I	1 x 29Pin DVI-I connector (Female)
Ethernet	2 x RJ45 ports
Audio	Mic in, Line-out
Com	1 x RS232/422/485 port (DB9 male)
USB	2 x USB3.0
EXPANSION	
PCI	1 x mini PCIe
MECHANICAL AND ENVIRONMENT	
Power Requirement	9V~36V DC-in, AT/ATX mode with power delay on/off
Dimension	262 x 149 x 76 mm
Operating Temp.	40°C ~ 70°C (ambient with airflow)
Storage Temp.	-40 to 85°C
Relative Humidity	5% to 95%, non-condensing

CERTIFICATIONS

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 compliance
Green Product	Green Product RoHS, WEEE compliance

ORDERING INFORMATION

SR10A

INTEL® QM87 MIL-STD FANLESS RUGGED VIBRATION PROOF SYSTEM WITH INTEL® CORE™ I7 HASWELL PROCESSOR, MPCI-E EXPANSION 9V TO 36V DC-IN, WIDE TEMP. -40 ~ 70°C

DIMENSIONS

