

SR700

PERFECTRON

Intel® QM87, IP65 with M12-Type Connectors, MIL-STD Fanless Rugged System with Intel® Core™ i7-4700EQ Haswell Processor, Onboard uSSD 64GB, 9V to 36V DC-in, Extended Temperature -40 to 70°C



**EXTENDED
TEMPERATURE**

KEY FEATURE

- Fully IP65 classified
- MIL-STD 810G Compliance
- 4th Generation Intel® Core™ i7-4700EQ Haswell Processors (BGA)
- XR-DIMM up to 8 GB RAM
- Onboard uSSD SATA III 64 GB
- Displays by 1 x VGA (M12 type)
- 2 x PCIe Intel® Gigabit Ethernet (M12 type)
- 2 x USB 2.0 (M12 type)
- 1 x COM ports (M12 type)
- Extended Temperature -40 to 70 °C

it's perfect!

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Main Features

- Fully IP65 classified
- MIL-STD 810G Compliance
- 4th Gen. Intel® Core™ i7-4700EQ Haswell Processor (BGA)
- XR-DIMM up to 8 GB RAM
- Onboard uSSD SATA III up to 64 GB
- Displays by 1 x VGA (M12 type)
- 2 x PCIe Intel® Gigabit Ethernet (M12 type)
- 2 x USB 2.0 (M12 type)
- 1 x COM ports (M12 type)
- Extended Temperature -40 to 70°C

► Specifications

System

CPU Type	Intel® Core™ i7-4700EQ Haswell, BAG type Core i7-4700EQ (4C x 2.4/1.7 GHz), 6M Cache (47W)
Chipset	Intel® QM87 PCH
Ethernet Chipset	Intel® I210IT & i218-LM GbE
Memory	1 x DDR3 1600 XR-DIMM up to 8 GB with ECC
Expansion Slot	2 x mPCIe (1 x colay with mSATA)

Rear I/O

Display	1 x VGA (M12)
Ethernet	2 x LAN (M12)
COM	1 x RS232 (M12)
USB	2 x USB 2.0 (M12)
Power Button	1 (waterproof)
Power Input	9V~36V (M12)

Mechanical and Environment

Power Requirement	9V to 36V DC-in, AT/ATX mode supports with power delay on/off
Dimension (W x H x D)	350 x 230 x 76 mm
Operating Temp.	-40 to 70°C(ambient with airflow)
Storage Temp.	-40 to 85°C
Relative Humidity	5% to 95%, non-condensing

Standards and Certifications

MIL-STD-810G Test

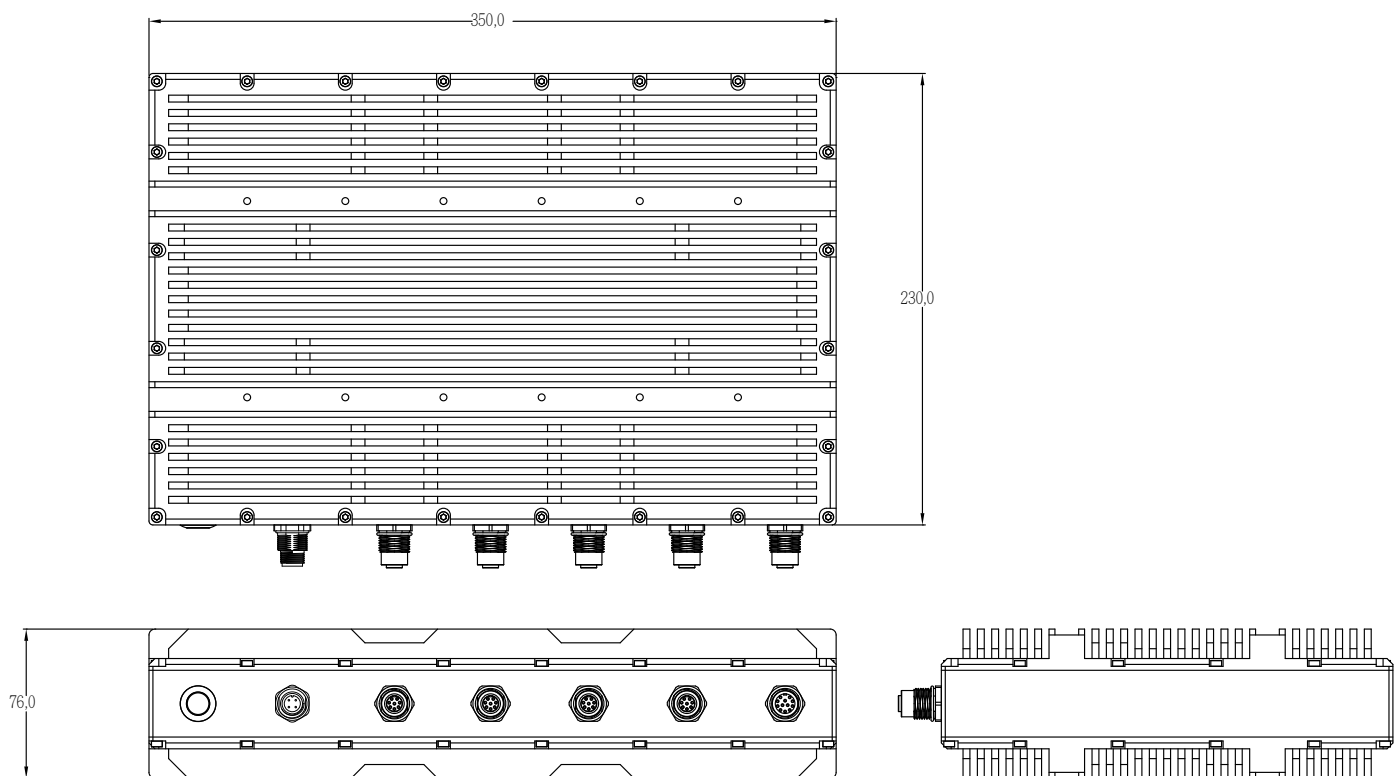
Method 507.5, Procedure II (Temperature & Humidity)
Method 514.6, Procedure I (Category 20 & 24, Vibration)
Method 516.6, Procedure I (Mechanical Shock)
Method 501.5, Procedure I (Storage/High Temperature)
Method 501.5, Procedure II (Operation/High Temperature)
Method 502.5, Procedure I (Storage/Low Temperature)
Method 502.5, Procedure II (Operation/Low Temperature)
Method 503.5, Procedure I (Temperature shock)

EMC	CE and FCC compliance
Green Product	RoHS, WEEE compliance

► Appearance



► Dimensions



► Packing List

- SR700 MIL-STD Fanless Rugged System
- Driver CD

► Optional Accessories

- XR-DIMM up to 8 GB RAM

► Ordering Information

Modules

Model Number	Description
SR700-ET	Intel® QM87, IP65 MIL-STD Fanless Rugged System with Intel® Core i7-4700EQ Haswell Processor, 9V to 36V DC-in, Extended Temperature -20 to 60°C
SR700-UT	Intel® QM87, IP65 MIL-STD Fanless Rugged System with Intel® Core i7-4700EQ Haswell Processor, 9V to 36V DC-in, Extended Temperature -40 to 70°C