

RHINO-700

MIL-STD-810G IP65 Rugged Computer Computer

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 |
| Memory | 1 x DDR3 1600 XR-DIMM up to 8 GB with ECC |
| Expansion Slot | 2 x mPCIe (1 x colay with mSATA) |
| Touch Control | PenMount 6000 |

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 Certification

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)

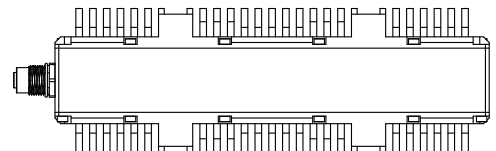
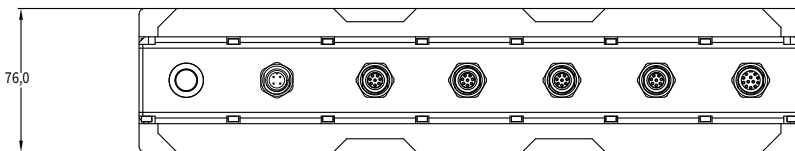
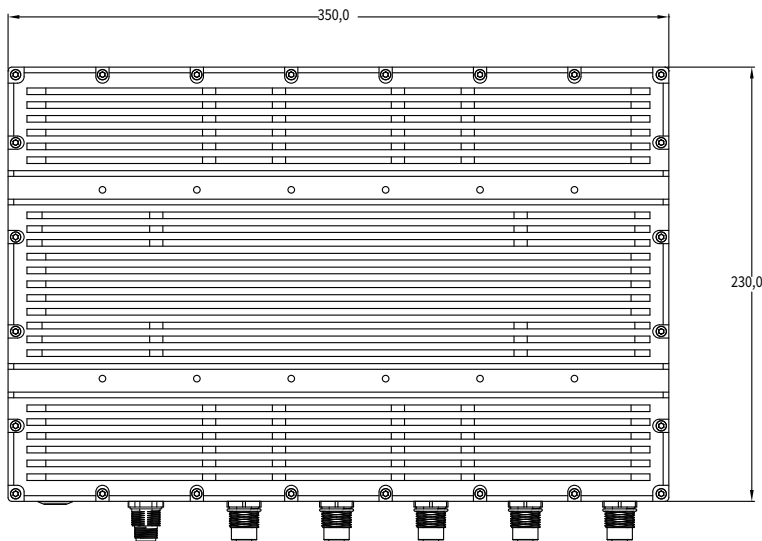
| | |
|---------------|-----------------------|
| EMC | CE and FCC compliance |
| Green Product | RoHS, WEEE compliance |

RHINO-700

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 |