

Mobile Rugged Tablet PC IS80

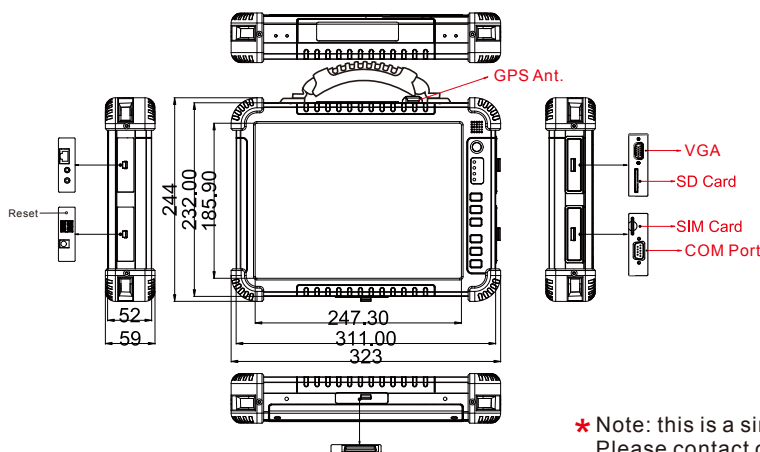
Model : R12IS8M-RTM7GP

Intel® Core i7-2610UE 1.5GHz

Features:

- Intel® Core™ i7-2610UE 1.5GHz, Turbo Max 2.40 GHz
- Intel® HD Graphics 3000
- 12.1" High Quality 1024 x 768 Resolution TFT-LCD Panel
- 1 x SODIMM, Max. 4GB DDR3-1333 (Default 2GB)
- Visible Light Transflection touch enhanced Visibility
- Alu-Mg Alloy Housing with Protective Rubber for MIL-810F Shock, Vibration and Drop Std.
- Built-in Wireless / Bluetooth / GPS
- Support 3G module (Optional)
- 6 cell, 5200mAh Lithium-Ion Battery Pack
- Low Power consumption CPU only 17W

Mechanical Design Drawings



* Note: this is a simplified drawing and some components are not marked in detail. Please contact our sales representative if you need further product information.



System Specification

- Processor : Intel® Core™ i7-2610UE(4M Cache, up to 2.40 GHz)
- BIOS : AMI System BIOS
- System Chipset : Intel® QM67 Chipset
- System Memory : 1 x SO-DIMM, Max 4GB DDR3-1333 (Default 2GB)
- LAN Controller : 10/100/1000 Mbps LAN
- Storage : Default 32G SATA SSD (by mini PCIe interface, max. up to 128GB)
- Audio : 1 x Microphone in, 1 x Line out

Wireless Communication

- WLAN&Bluetooth : 802.11b/g/n + 1T1R class II Bluetooth combo card (Default)
802.11b/g/n + 1T1R class I Bluetooth combo card (Optional)
- WWAN : Built-in 3G module (Optional)
- GPS : Based on AEC-Q100 qualified GPS chipset
50-channels GPS
SBAS (WAAS, EGNOS, MSAS, GAGAN)
A-GPS
Built-in LNA and SAW filter

Mechanical and Environment

- Dimensions (W x L x H) : 323 x 244 x 53 mm
- Weight : 3.0 Kg(w/o accessories)
- Operation Temperature : -20 deg.C to 50 deg.C
- Operation Humidity : 10% to 90% (non condensing)
- IP Proof : IP54
- Mounting : VESA mount, Vehicle mount
- Shock* : MIL-STD-810F M516.5
- Vibration* : MIL-STD-810F M514.5
- Drop* : MIL-STD-810F M516.5, 4 ft, Free to concrete
- Certifications : CE, FCC ClassB, UL, MIL810F for Vibration /Shock / Drop / Temp.

Display Specification

- Pixel Number : 1024 x 768
- Brightness : 700cd/m² (typ.)
- Touch (Default) : 4 Wire Resistive Visible Light Transflection touch

I/O Connectors

- Left I/O Port : 1 x LAN
2 x USB 2.0
1 x Audio out, Micro-in Jack
1 x Power Input Jack
1 x Reset Button
- Right I/O Port : 1 x COM, 1 x SIM card slot, 1 x VGA, 1 x SD card slot
- Downside Docking : 1 x Docking connector

In front Control

- Control Button : 1x Menu Key control Brightness, Volume and Battery Status
- LED indicator : Power On / Off, Battery, HDD Access, Wifi On / Off

Power Management

- Power input : 19V DC.
- Battery : Li-Ion battery 5200mAh, 11.1V
- Adapter : 100-240V, 50-60Hz, 19V DC

Rev.	Reasons	Revised Date
1.0	First Release	Sep-26-2012
1.1	Spec change	Oct-16-2012

Note: All Specifications are subject to change without prior notice!

Revised Date:10/16/2012

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