

Mobile Rugged Tablet PC 1981

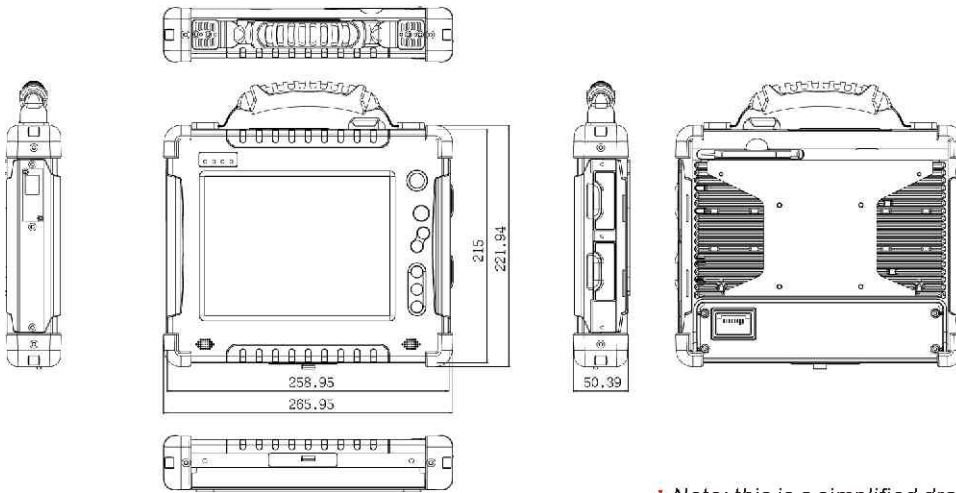
Model : R08I98M-RTU1GP

Intel® Atom Z530 1.6GHz

Features:

- 8.4" High Quality SVGA Resolution TFT-LCD Panel
- Intel® Atom Z530 1.6GHz with Intel® US15W Chipset
- 1 x SODIMM, Max. 2GB DDR2 (Default 1GB)
- 4 Wire Resistive Sunlight Readable Touch enhanced Visibility (Optional)
- Alu-Mg Alloy Housing with Protective Rubber for MIL-810F Shock, Vibration and Drop Std.
- Built-in Wireless / Bluetooth / and GPS module
- Support 3G function (for optional)
- Ergonomic Design with Hand Strap and Carry Belt Accessories (Optional)
- 6 cell, 5200mAh Lithium-Ion Battery Pack
- Optional 2 megapixel camera with microphone

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® Atom Z530 1.6GHz
- BIOS : AMI System BIOS
- System Chipset : Intel® US15W Chipset
- System Memory : 1 x SO-DIMM, Max 2GB DDR2 (Default 1GB)
- LAN Controller : 10/100/1000 Mbps LAN
- Storage : Default 8G PATA SSD (by mini PCIe interface, max. up to 128GB)
- Audio : 1 x Microphone in, 1 x Line out

Wireless Communication

- WLAN : 802.11b/g/n
- Bluetooth : Bluetooth
- WWAN : Built-in 3G module
- 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) : 222 x 264 x 49.2 mm
- Weight : 2.0 Kg (w/o accessories)
- Operation Temperature : -20 deg.C to 60 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 : 800 x 600
- Brightness : 350cd/m² (typ.)
- Touch (Default) : 4 Wire Resistive

I/O Connectors

- Left I/O Port : 1 x SIM card slot
1 x LAN port
- Right I/O Port : 1 x optional barcode reader
1 x COM, 1x SD Card
1 x Audio out, Mic-in Jack
1 x Power Input Jack
- Downside Docking : 2 x USB
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
- Power consumption : 6W typ.
- Battery : Li-Ion battery 5200mAh, 11.1V
- Battery Mark Ver.4.0.1 : 8 hrs 40 mins
- Standby days : 103 days
- Adapter : 100-240V, 50-60Hz, 19V DC

Rev.	Reasons	Revised Date
1.0	First Release	Jul-22-11
1.1	Spec change	Oct-07-11
1.2	Spec change	Oct-11-11