

Mobile Rugged Tablet PC IA83

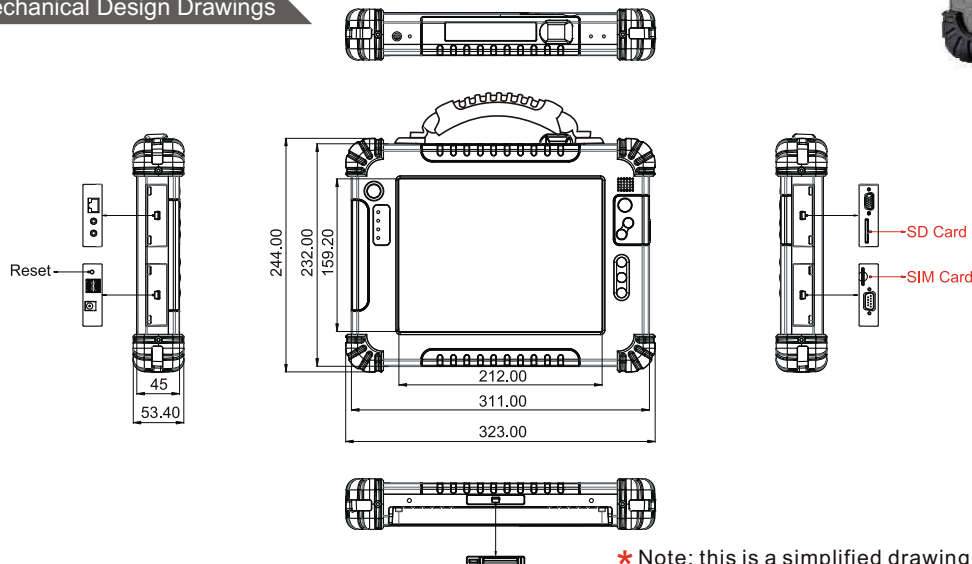
VM104RTP-IA8M

Intel® Atom N270 1.6GHz

Features:

- 10.4" High Quality 800 x 600 Resolution LED Panel
- Intel Atom N270 1.6GHz with Intel 945 GSE + ICH7M Chipset
- 1 x SODIMM, Max. 2GB DDR2 (Default 1GB)
- 4 Wire Resistive Sunlight Readable Touch enhanced Viewability
- Alu-Mg Alloy Housing with Protection Rubber for MIL-810F Shock, Vibration and Drop Std.
- Built-in Wireless/ Bluetooth/ and GPS module
- Support 3G function (for optional)
- Ergonomic Design with Handstrip and Carry Belt Accessories (for Optional)
- 6cell, 5200mAh Lithium-Ion Battery Pack

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 N270 1.6GHz
BIOS	: AMI System BIOS
System Chipset	: Intel® 945 GSE+ICH7 Chipset
System Memory	: 1 x SODIMM, Max 2GB DDR2 (Default 1GB)
LAN Controller	: 10/100/1000 Mbps LAN
Storage	: 16GB SATA SSD (Max, up to 64GB)
Audio	: Audio out for headset, Micro in for microphone jack, 1.5W Speaker (Internal)

Wireless Communication

WLAN	: 802.11b/g
Bluetooth	: Bluetooth
WWAN	: Built-in 3G data card (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)	: 311 x 232 x 45 mm
Weight	: 2.5Kg (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 Class B, UL

Display Specification

Pixel Number	: 800 x 600
Brightness	: 350cd/m ² (typ.) (Support Sunlight Readable)
Touch (Default)	: 4 Wire Resistive

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 VGA, 1 x SIM Card, 1 x SD
Downside Docking	: 1 x Docking connector for expansion 4x USB, and Docking Stand Power input

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	: 12.5W typ.
Battery	: Li-Ion battery 5200mAh, 11.1V
Battery Mark Ver.4.0.1	: 4 hrs 20 mins
Standby days	: Over 228 days
Adapter	: 100-240V, 50-60Hz, 19V DC

Rev.	Reasons	Revised Date
1.1	Spec change	July-21-11
1.2	Spec change	Aug-10-11
1.3	Spec change	Oct-11-11