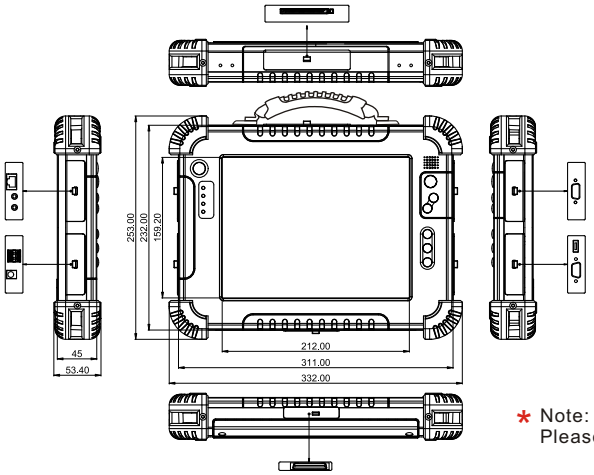
Rugged Tablet

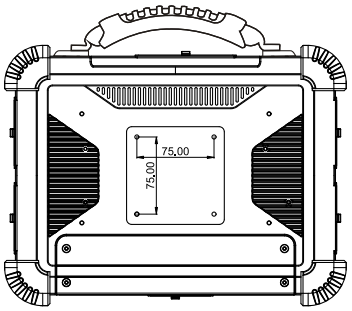
Model : RT10V28M-U1A

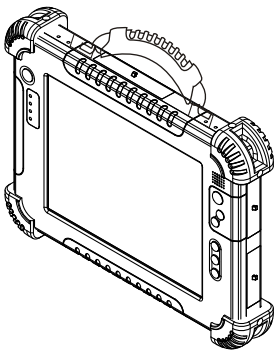
Features:

- 10.4" High Quality SVGA Resolution TFT-LCD Panel
- High Performance, Lower Power VIA C7M Nano Processor 1.2GHz with VX700 Chipset
- 1x SO-DIMM, Max. 1GB DDR2 400(Default 512MB)
- 4 Wire Resistive Sunlight Readable Touch Screen enhanced Viewability (for Optional)
- Rugged Alu-Mg Alloy Housing Design with Protection Rubber for MIL-810F Shock, Vibration and Drop Std.
- Versatile Mobile Communication Functions including WWAN (GPRS/ GSM/ CDMA/ UMTS/ EDGE)and GPS Module through PCMCIA (for Optional)
- Wireless 802.11b/g and Bluetooth Module build-in
- Ergonomic Portable Design with Handstrip and Carry Belt Accessories (for Optional)
- 6cell,4800mAh Lithium-Ion Battery Pack(3.5HRs Operating)
- Compact Design Suiting for Outdoor Use

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	:	VIA C7M Nano Processor,1.2GHz
BIOS	:	AMI System BIOS
System Chipset	:	VIA VX700
System Memory	:	1 x SODIMM, Max 1GB DDR2 400(512MB Default)
LAN Controller	:	Realtek RTL8110S Chipset, 10/100/1000 Mbps
Storage	:	IDE interface for Compact Flash, 2.5" 80GB HDD(Default), 2.5" Automobile HDD or SSD
Audio	:	Audio out for headset, Micro-in for microphone jack, 1.5W Speaker (Internal)
Expansion Slot	:	PCMCIA

Wireless Communication

WLAN	:	802.11b/g (internal usb module) build-in
Bluetooth	:	Bluetooth (internal by usb module)
WWAN(optional)	:	GSM/GPRS (PCMCIA)
	:	CDMA(PCMCIA) / UMTS(PCMCIA)
	:	EDGE(PCMCIA)
GPS(optional)	:	GPS Solution (PCMCIA)

I/O Connectors

Left I/O Port	:	1x RJ-45 10/100/1000 Mps LAN ,2x USB 2.0, 1x Audio out, Micro-in Jack, 1x Power Input Jack
Right I/O Port	:	1x COM, 1x VGA,1xUSB2.0
Upper I/O Port	:	1x PCMCIA Slot for Expansion
Downside Docking Conn.	:	1 x Power Input, 4 x USB, 1 x RS-232

In front Control

Control Button	:	1x PWR/Suspend button,Menu Key, Up Key, Down Key to change Brightness, Volume, and Battery Status 3x Programmable Hotkeys / Max. 6 Function Keys
LED indicator	:	Power On/ Off / Battery / HDD Access / Wifi On / Off

Display Specification

Size	:	10.4 inch
Resolution	:	800x600 pixels
Brightness	:	220 cd/m2
Touch	:	4 Wire Resistive(Optional for sunlight readable)

Mechanical and Environment

Dimensions (W x L x H)	:	311 x 232 x 45mm
Weight	:	2.2Kg (w/o accessories)
Operating Temperature	:	-20 deg.C to 60 deg.C
Operating Humidity	:	10% to 90% (non condensing
IP Proof	:	IP54 by whole unit(front side by IP65)
Mounting	:	VESA mount, Vehicle mount
Shock*	:	MIL-STD-810F M514.5
Vibration*	:	MIL-STD-810F 514.5
Drop*	:	3 ft, Free to concrete
Certifications	:	CE, FCC ClassB, UL Compliance for MIL 810F at Vibration /Shock / Drop / Temp.

* When use SSD or Industrial Compact Flash

Power Management

Power Input	:	19V DC
Power Consumption	:	30W typ.
Battery	:	Li-Ion battery 4800mAh, 11.1V
Battery Operating Time	:	3.5 Hours
Charging time	:	2.5 Hours
Adapter	:	100-240V, 50-60Hz, 19VDC

Outdoor readability(for Sunlight Readable Touch)(Optional)

Ambient light(nit)	15,000	30,000	80,000
Brightness gain* (nit)	295	355	540
Reflectance (net) (%)	0.5%	0.45%	0.4%

* Simulated brightness number for reference.

Rev.	Reasons	Revised Date
1.0	New Add	Nov-06-08

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

Revised Date : 11/06/2008