



Key Features

- 10.1" WXGA (1280 x 800) TFT LCD Display, 350 nits, 800 nits (Optional)
- Intel® Atom™ E3825 1.33 GHz Dual Core CPU
- DDR3L SDRAM 4GB
- Projected Capacitive Multi-Touch Screen
- Li-ion High-Capacity Battery, 7 Hours Battery Life
- MIL-STD-810G, IP65 Compliant
- Micro SD Card Slot, 5M Pixel Camera
- WLAN 802.11 a/b/g/n, Bluetooth® 4.0
- GPS Navigation, G-Sensor, Light Sensor
- Windows® Embedded 8.1 Industry Pro

**MIL-STD
810G**

IP65



Heat & cold resistant, shock & drop resistant
and water resistant up to IP65

Trialed and trusted

The RTC-900 has proven itself through all kinds of circumstances, defying heavy rain, dust, sand, snow and mud during your intensive day at the job. Dropping it will not give you the terror shock-and-awe you normally have dropping your consumer-grade tablet. The optional 800 nits high-bright display will show you the way on even the sunniest of days and the high capacity battery will last you enough juice for 8 hours.

Why RTC Tablets



Shockproof



IP 65 Certified



Turnkey extensions



Military grade quality

Real world application

A Taiwanese drone maker is offering the RTC-900B as a mobile HMI to have the data sent from the drone fed back onto the RTC-900B screen to mark interesting location and/or points-of-interest on a digital map for further inspection in the field by their land surveyors. The MIL-Spec ruggedized and high nit RTC-900B is the perfect tablet for field work.

For more real world application stories and white papers, please visit www.RTC-Tablet.com

Technical specifications

System

Processor	Intel® Atom™ E3825 1.33 GHz Dual Core Processor
Memory & Storage	DDR3L 4 GB (Default) SODIMM socket x 1, up to 8 GB
Storage disk	32GB mSATA (Default) up to 256 GB (Optional)
I/O	Micro USB 3.0 x 1, Micro HDMI x 1, Micro SD Card Slot x 1, 3.5-mm stereo headphone Jack x 1, Built-in Speaker & Microphone, SIM Card Slot x 1, DC-in Jack x 1
Communication	WLAN 802.11 a/b/g/n+Bluetooth 4.0, 3G/4G module (Optional)
WWAN (optional)	3G: WCDMA/CDMA, LTE: HSPA+/CDMA(North America, EU)
GPS	U-blox AMY-6M
Camera	5 MP auto-focus rear camera with flash
Sensors	Built-in Light Sensor, G-Sensor, 3-axis digital gyroscope & E-compass Built-in vibration feedback
OS	Windows® Embedded 8.1 Industry Pro

Environmental

Operating Temperature	-20°C to 55°C
Storage Temperature	-55°C to 55°C
Humidity	10 to 95% @ 40°C, non-condensing
Vibration	Meet Mil Std 810G-514.6, Procedure I
Drop	Mil-STD-810G-516.6, Procedure IV
Water & Dust Proof	IP65
ESD	Air +/- 8KV, Contact +/- 4KV, IEC61000-4-2
EMI/Safety	CE/FCC Class B/UL

Mechanical

Color	Black
Dimension (W x H x D)	270.4mm x 188.4mm x 24.29mm
Gross Weight	1240g

Power Supply

AC/DC Adapter	AC input 100V-240V, 50Hz-60Hz; DC output: 12V, 2A
Battery	2S1P 6-Cell (6,810 mAh) battery, up to 7-Hours battery life

LCD

Display	10.1" WXGA (1280 x 800) TFT LCD
Resolution	1280 x 800 Pixels
Brightness	350 / 800 nits (Optional)
Viewing angle	Vertical 60° / Horizontal 70°

Touch Screen

Touch Screen	Projected Capacitive Multi-Touch panel
Light Transmission	≥ 87%