

10.1" Rugged Tablet Features Intel® E3825 / E3827 With Windows® 10 / Windows® 7



Features

- 10.1" WXGA (1280 x 800) 350-nit TFT LCD Display
- Intel® Atom™ E3825 1.33GHz or E3827 1.75GHz Dual Core Processor
- DDR3L Memory Module, 4GB (Default)
- mSATA SSD 64GB MLC (Up to 256GB)
- Projected Capacitive Multi-Touch Screen
- WiFi 802.11b/g/n, Bluetooth® 4.0, 3G WCDMA (Optional)
- 2MP Front and 5MP Rear Camera
- Micro-USB 3.0 x 1, Micro-HDMI x 1, Micro-SD Card Slot x 1
- NFC Reader (Optional)
- GPS, G-Sensor, Light Sensor
- Li-ion Battery, 50W Battery Capacity
- MIL-STD-810G, IP65 Compliant, Drop 122cm
- Programmable Function Key: F1, F2, F3, Home
- Windows® 10 IOT / Windows® Embedded 7 Pro x32



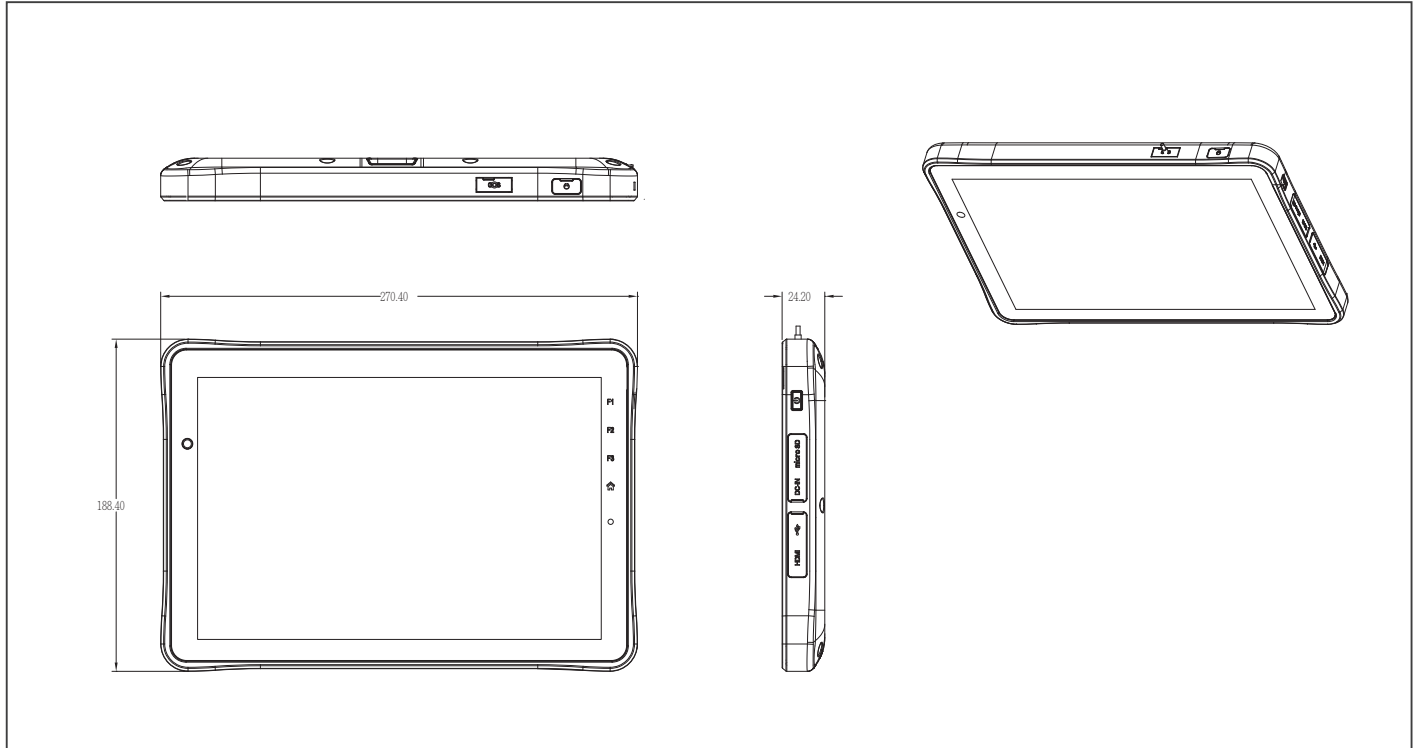
Expansion Slot	Mini-card slot x 1 Docking connector: USB 2.0 x 1
Barcode Scanner (Optional)	Honeywell S/W decoder via Front or Rear camera
RFID (Optional)	NFC reader, Back side (Optional)
Physical Key	F1(Mute), F2(Speaker Volume Up), F3(Speaker Volume Down), Home
Mechanical	
Color	Black
Dimension (W x H x D)	10.65" x 7.42" x 0.96" (270.4mm x 188.4mm x24.29 mm)
Gross Weight	2.4 lb (1.24 Kg)
Environmental	
Operating Temperature	-20°C ~ 55°C (-4°F ~ 131°F)
Storage Temperature	-55°C ~ 55°C (-67°F ~ 131°F)
Humidity	40°C: 10% ~ 90% R/H, 120 hours, non-condensing
Environmental Sealing	IP65
Vibration	MIL-STD-810G-514.6 Procedure I Cat.24, Fig 514.6E-1 & 514.6E-2 (Unit is non-operating) ASTM 4169-99 Truck Assurance Level II, Schedule E (Unit is non-operating)
Drop	MIL-STD-810G-516.6, Procedure IV Drop height: 122 cm Number of Drop: 26 times, for all surfaces, edges and corners Condition: Based on 2" plywood over concrete
ESD	Air charge: +/- 8KV, Contact charge: +/- 4KV
Certifications and Standards	UL60950-1, CE, FCC
Power Supply	
AC / DC Adapter	AC 100 ~ 240 V, 50 ~ 60 Hz, Output: 12V/ 4A/ 48W
Battery Life	Li-ion Battery 8-hour battery life based on test configurations
Master Battery	Internal battery: 7.4V, 6810mAh, 50W
Slave Battery	—
Display	
LCD	10.1" TFT-LCD/ 16:10 with LED backlight
Resolution	1280 x 800
Maximum Color	16.7M
Dot Size	0.0565 x 0.1695(H)
Brightness	350 nit (800 nits optional)
Viewing Angle	Horizontal: 178° (Typ.), Vertical: 178° (Typ.)
Touch Screen	
Touch Type	Projected capacitive multi-touch screen (PCT)
Light Transmission	Min 87% (ASTM D1003; Wavelength = 550nm)

Specifications

System Architecture	
Processor	Intel® Atom™ Bay Trail E3825 1.33GHz Dual Core Intel® Atom™ Bay Trail E3827 1.75GHz Dual Core
Operating System	Windows® 10 IOT Windows® Embedded 7 Pro x32
Memory	DDR3L Memory Module, 4GB (Default), up to 8GB
Storage	mSATA SSD 64GB MLC (Up to 256GB)
Display	10.1" WXGA (1280x800) 350-nit TFT LCD With Projected Capacitive Multi-Touch Screen
I/O Port	Micro-HDMI port x 1, SIM card slot x 1, Micro-SD card slot x 1, Audio jack x 1, Micro-USB 3.0 x 1, DC-in jack x 1
Communication	Wi-Fi 802.11 b/g/n Bluetooth v4.0 + EDR
Navigation	GPS, Glonass
WWAN(optional)	800/850/900/1900/2100@UMTS 850/900/1800/1900@GSM
Camera	2MP Front camera, 5MP Auto Focus camera
Sensor	Light Sensor , G-Sensor

Dimension

Unit: mm



Packing List

- **RTC-900B**
- **170010015F**
USB 3.0, A/F to Micro-USB 3.0 Cable, L=150mm
- **CD-ROM**
- **1255300480**
12V/4A Power Adapter
- **Power Cord (By Order)**

Optional Accessories

- **RDS-0310-0004**
Docking Station w/o Stand, COM x 1, USB x 4, LAN x 1
- **RDS-0310-0003**
Docking Station w/ Stand, COM x 1, USB x 4, LAN x 1
- **AP-OT9789666663**
Vehicle Dock (Non-rechargeable)
- **AP-OT2169202168**
Carry Bag
- **1702031802**
Power Cord, For USA, 1.8M
- **170203180B**
Power Cord, For China, 1.8M
- **1702031831**
Power Cord, For Europe
- **AP-CB1700031801**
Power Cable, For Australia
- **P90900R010**
Screen Protector

* Small quantity MOQ may apply for optional/customized services.

Ordering Information

Part Number	CPU	OS	LCD Display	Touch Screen	System Memory	Storage	Expansion I/O	Sensor	WiFi/Bluetooth	3G	Camera	SCR	Docking Connector	NFC	Battery	Power
RTC-900B-WBG-1510	E3827	Windows Embedded 7 Pro x32	10.1" 350 nits	PCT 10 points	DDR3L 4GB	mSATA 64GB	Micro-HDMI port x 1 SIM card slot x 1 Micro-SD card slot x 1 Audio jack x 1 Micro-USB 3.0 x 1 DC-in jack x 1	G-sensor E-compass Gyro-sensor Light-sensor	802.11b/g/n + BT4.0	—	Front: 2MP Rear: 5MP w/ Flash	—	Yes	Yes	50W	DC 12 V
RTC-900B-WBG-1511	E3827	Windows 10 IoT	10.1" 350 nits	PCT 10 points	DDR3L 4GB	mSATA 64GB	Micro-HDMI port x 1 SIM card slot x 1 Micro-SD card slot x 1 Audio jack x 1 Micro-USB 3.0 x 1 DC-in jack x 1	G-sensor E-compass Gyro-sensor Light-sensor	802.11b/g/n + BT4.0	—	Front: 2MP Rear: 5MP w/ Flash	—	Yes	Yes	50W	DC 12 V