

10.1" Rugged Tablet X86-based Windows® 10/ Windows® 8.1/ Windows® 7 with Intel® Atom™ 1.33 GHz or E3827 1.75 GHz Dual Core Processor



Features

- 10.1" WXGA (1280 x 800) TFT LCD Display, 350 nits, 800 nits (Optional)
- Inte® Atom™ E3825 1.33 GHz or E3827 1.75 GHz Dual Core Processor
- 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® 10/ 8.1/ 7 Industry Pro



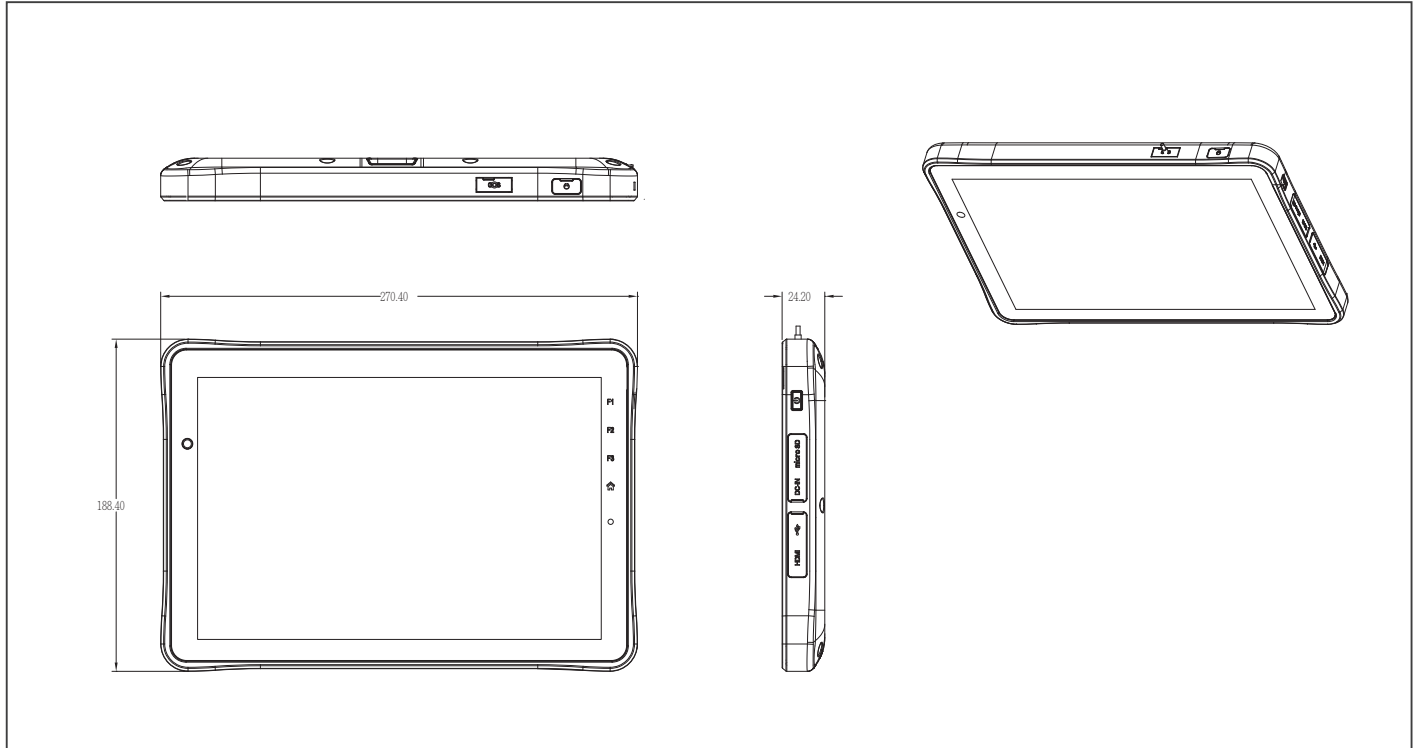
WWAN(optional)	3G: WCDMA, 4G (Optional)
Camera	2MP Front camera, 5MP Auto Focus camera
Sensors	Light Sensor , G-Sensor
Expansion Slot	—
Barcode Code Scanner (Optional)	—
RFID (Optional)	HF RFID based on 13.56 MHz compatible with NFC
Mechanical	
Color	Black
Dimension (W x H x D)	10.65" x 7.42" x 0.96" (270.4mm x 188.4mm x24.29 mm)
Gross Weight	2.4 lb (1.24 Kg)
Environmental	
Operating Temperature	-4°F ~ 131°F (-20°C ~ 55°C)
Storage Temperature	-67°F ~ 131°F (-55°C ~ 55°C)
Humidity	40°C; 10% ~ 90% R/H; 120 hours, non-condensing
Environmental Sealing	IP65
Vibration	Meets 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 operating)
Drop	26 drops of 48 inches height to 2" plywood over concrete with unit off MIL-STD 810G-516.6, Procedure IV
ESD	Air charge: +/- 8KV, Contact charge: +/- 4KV
Certifications and Standards	UL: UL60950-1, CE/LVD: EN60950-1, FCC, CE
Power Supply	
AC / DC Adapter	AC 100~240V, 50~60Hz ; DC 12V/4A (48W)
Battery Life	Li-ion High Capacity Battery, up to 8 Hours Battery Life
Master Battery	Internal Battery: 7.4V 6810mAH
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 Processor 1.33GHz Dual Core (Up to E3827)
Operating System	Supports Windows® 10 IoT/ Windows® Embedded 7/ Windows® 8.1 Industrial Pro
Memory	DDR3L 4GB (Max 8GB)
Storage	mSATA SSD 32GB MLC (up to 256GB)
Display	10.1" TFT-LCD / 16:10, with Projected Capacitive Multi-Touch screen
I/O Ports	DC-in Jack x 1 Micro USB 3.0 Port x 1 Micro HDMI x1 Micro SD Card Slot x 1 3.5-mm stereo headphone jack x 1 Built-in Speaker&Microphone SIM Card Slot x 1
Communication	Bluetooth v4.0+EDR (Bluetooth® Keyboard/Mouse support, Wi-Fi (802.11 b/g/n)
Navigation	GPS, Glonass

Dimension

Unit: mm



Packing List

- **1255300480**
Power Adapter, AC/DC, 100-240Vac/1.5A, 12V/4A, 48W, A-OEM, A048112-TD1
- **170010015F**
USB 3.0, A/F to Micro USB 3.0 Cable, L=150mm, Hautech, 900228514, for RTC-900B
- **Product CD**
- **RTC-900B**

Optional Accessories

- **AP-OT9789666663**
Vehicle Dock Mount (non-rechargeable)
- **1702031802**
For USA, POWER CORD, 3P(M), 3P(F), 1.8m, 250V, YP12/YC-12
- **170203180B**
For China, POWER CORD, 3P(M), 3P(F), 1.8m, 250V, 10A 180D, YP-03/YC-12
- **1702031831**
Power Cable for Europe
- **AP-CB1700031801**
Power Cable for Australia
- **AP-OT2169202168**
Carry Bag
- **RDS-0310-0004**
Docking Station w/o Stand, COM x 1, USB x 4, LAN x 1 for RTC-900B
- **RDS-0310-0003**
Docking Station w/ Stand, COM x 1, USB x 4, LAN x 1 for RTC-900B
- **P90900R010**
Screen Protector (TF)Plastic, PET, Protective Film Top, Rev.0.0, for RTC-900B

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

Ordering Information

Part Number	CPU	LCD Display	System Memory	Storage	Touch	OS	WiFi	3G Band (MHz)	Power	Sunlight Readable	SCR	Docking	IP65
RTC-900B-WBG-1110	Atom™ E3825 Dual Core 1.33 GHz	10.1" TFT LCD, 350 nits	4GB DDR3L	32GB	—	Windows® 8.1	802.11 a/b/g/n	—	DC 12 V	—	—	—	Yes
RTC-900B-WBGH-1110	Atom™ E3825 Dual Core 1.33 GHz	10.1" TFT LCD, 350 nits	4GB DDR3L	32GB	—	Windows® 8.1	802.11 a/b/g/n	850/1900/2100	DC 12 V	—	—	—	Yes
RTC-900B-WBG-1210	Atom™ E3825 Dual Core 1.33 GHz	10.1" TFT LCD, 800 nits	4GB DDR3L	32GB	Bonding	Windows® 8.1	802.11 a/b/g/n	—	DC 12 V	Yes	—	—	Yes
RTC-900B-WBGH-1210	Atom™ E3825 Dual Core 1.33 GHz	10.1" TFT LCD, 800 nits	4GB DDR3L	32GB	Bonding	Windows® 8.1	802.11 a/b/g/n	850/1900/2100	DC 12 V	Yes	—	—	Yes
RTC-900B-WBG-1310	Atom™ E3825 Dual Core 1.33 GHz	10.1" TFT LCD, 800 nits	4GB DDR3L	32GB	Bonding	Windows® 8.1	802.11 a/b/g/n	—	DC 12 V	Yes	Yes	—	—
RTC-900B-WBGH-1310	Atom™ E3825 Dual Core 1.33 GHz	10.1" TFT LCD, 800 nits	4GB DDR3L	32GB	Bonding	Windows® 8.1	802.11 a/b/g/n	850/1900/2100	DC 12 V	Yes	Yes	—	—
RTC-900B-WBGH-1410	Atom™ E3825 Dual Core 1.33 GHz	10.1" TFT LCD, 350 nits	4GB DDR3L	32GB	—	Windows® 8.1	802.11 a/b/g/n	850/1900/2100	DC 12 V	—	—	Yes	Yes
RTC-900B-WBGH-1411	Atom™ E3825 Dual Core 1.33 GHz	10.1" TFT LCD, 350 nits	4GB DDR3L	32GB	—	Windows® 10	802.11 a/b/g/n	850/1900/2100	DC 12 V	—	—	Yes	Yes