

# 06 RTC-900R

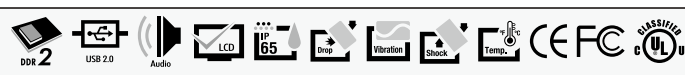
Rugged Tablet Computers

10.1" Rugged Tablet ARM-based Android™ with 1.0 GHz Dual Core Processor



## Features

- 10.1" WXGA (1280 x 800) TFT LCD Display, 350 nits, up to 900 nits
- NVIDIA® TEGRA™ 2 1.0 GHz Dual Core Processor
- LP DDR2 1GB
- Projected Capacitive Multi-Touch Panel
- Li-ion High-Capacity Battery, up to 10 Hours Battery Life
- MIL-STD-810G, IP65 Compliant
- Micro SD Card Slot, 5 MP Rear Camera, 1.2 MP Front Camera
- WiFi 802.11 b/g/n , Bluetooth® 2.1 + EDR
- G-Sensor, Light Sensor, E-compass, GPS Navigation
- Android™ v4.0



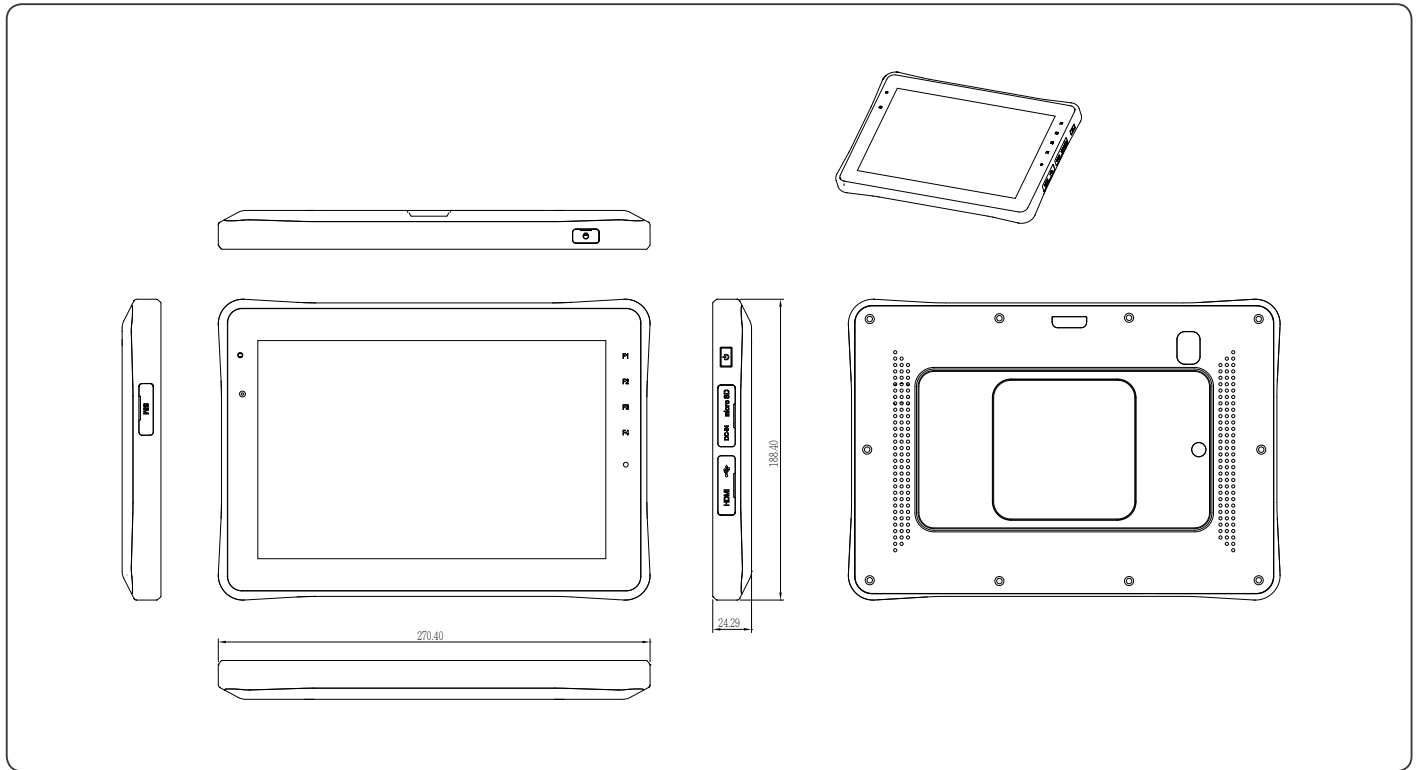
Camera	1.2 MP front camera, 5 MP auto-focus rear camera
Sensors	Light Sensor , G-Sensor
Expansion Slot	—
Barcode Code Scanner (optional)	—
RFID (optional)	—
<b>Mechanical</b>	
Color	Black
Dimension (W x H x D)	10.65" x 7.42" x 0.96" (270.4mm x 188.4mm x 24.29 mm)
Gross Weight	2.4lb (1.1Kg)
<b>Environmental</b>	
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%RH; 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
<b>Power Supply</b>	
AC / DC Adapter	AC 100~240V, 50~60Hz ; DC 12V/2A (24W)
Battery Life	Li-ion High Capacity Battery, up to 8 Hours Battery Life
Master Battery	Internal Battery: 7.4V 6810mAh
Slave Battery	—
<b>Display</b>	
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 nits (900 nits optional)
Viewing Angle	Horizontal: 178° (Typ.), Vertical: 178° (Typ.)
<b>Touch Screen</b>	
Touch Type	Projected capacitive multi-touch screen (PCT)
Light Transmission	Min 87% (ASTM D1003; Wavelength = 550nm)

## Specifications

System Architecture	
Processor	NVIDIA® TEGRA 2 1.0GHz Dual Core Processor
Operating System	Android 4.0
Memory	Onboard 1GB LPDDR2
Storage	Onboard 16GB eMMC
Display	10.1" TFT-LCD / 16:10, with Projected Capacitive Multi-Touch screen
I/O Ports	DC-in Jack x 1 Mini USB Port x 1 Mini 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
WWAN(optional)	3G: WCDMA

## Dimension

Unit: mm



## Packing List

- **1255300241**  
12V/24W AC Power Adaptor
- **Product CD**
- **RTC-900R**

## Optional Accessories

- **AP-OT9789666663**  
Vehicle Mount (non-rechargeable)
- **AP-PS1757402101**  
Vehicle DC/DC Adaptor
- **1700050156**  
USB Cable Type A to Mini
- **1702031830**  
Power Cable for USA
- **170203183A**  
Power Cable for Italy
- **1702031831**  
Power Cable for Europe
- **AP-OT2169202168**  
Carry Bag

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

## Ordering Information

Part Number	CPU	LCD Display	Touch Screen	System Memory	OS	WiFi	Bluetooth	3G Band (MHz)	Sensor	Camera	Display	USB	Expansion	SIM Card	Mounting	Power	Sunlight Readable
RTC-900R-WBG-1110	TEGRA 2 1.0 GHz	10.1" TFT LCD	Pcap 10-point	16GB eMMC Flash	Android 4.0	802.11 b/g/n	2.1 + EDR	—	Light Sensor x 1 G Sensor x 1 3-axil digital groscopce x 1 Vibrator x 1	Front: 1.2 MP Reat: 5 MP	Mini HDMI x 1	Mini USB x 1	micro SD x 1	1	—	12 V	—
RTC-900R-WBGH-1110	TEGRA 2 1.0 GHz	10.1" TFT LCD	Pcap 10-point	16GB eMMC Flash	Android 4.0	802.11 b/g/n	2.1 + EDR	850/ 1900/ 2100	Light Sensor x 1 G Sensor x 1 3-axil digital groscopce x 1 Vibrator x 1	Front: 1.2 MP Reat: 5 MP	Mini HDMI x 1	Mini USB x 1	micro SD x 1	1	—	12 V	—
RTC-900R-WBG-1210	TEGRA 2 1.0 GHz	10.1" TFT LCD	Pcap 10-point	16GB eMMC Flash	Android 4.0	802.11 b/g/n	2.1 + EDR	—	Light Sensor x 1 G Sensor x 1 3-axil digital groscopce x 1 Vibrator x 1	Front: 1.2 MP Reat: 5 MP	Mini HDMI x 1	Mini USB x 1	micro SD x 1	1	—	12 V	900 nit
RTC-900R-WBGH-1210	TEGRA 2 1.0 GHz	10.1" TFT LCD	Pcap 10-point	16GB eMMC Flash	Android 4.0	802.11 b/g/n	2.1 + EDR	850/ 1900/ 2100	Light Sensor x 1 G Sensor x 1 3-axil digital groscopce x 1 Vibrator x 1	Front: 1.2 MP Reat: 5 MP	Mini HDMI x 1	Mini USB x 1	micro SD x 1	1	—	12 V	900 nit