

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



Light Sensor  
Front Camera



Rear Camera (5MP)  
Speaker



Earphone  
SIM



Power Button  
micro SD  
DC-in  
HDMI  
Mini USB

## Features

- 10.1" WXGA (1280 x 800) TFT LCD Display, 350 Nits
- NVIDIA® TEGRA™ 2 1.0 GHz Dual Core Processor
- LP DDR2 1GB
- Projected Capacitive Multi-Touch Panel
- Li-Polymer High-Capacity Battery, up to 12 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



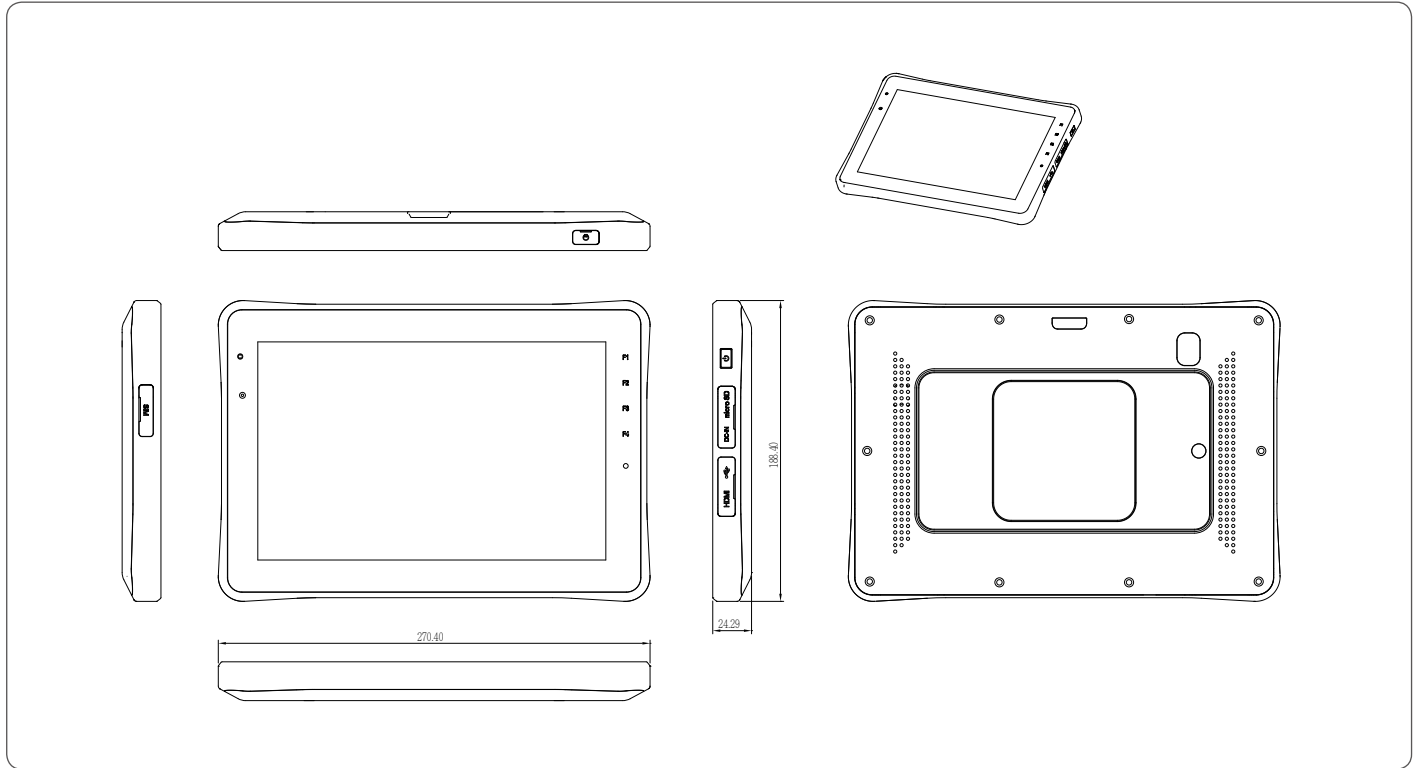
## Specifications

| System                |  |
|-----------------------|--|
| Processor             | NVIDIA® TEGRA™ 2 1.0GHz Dual Core Processor  |
| System Memory         | LP DDR2 1GB  |
| LCD Display           | 10.1" WXGA (1280 x 800) 16:10 TFT LCD with Projected Capacitive Multi-Touch screen, 350 nits, 900 nits (optional)  |
| Communication         | WLAN 802.11 b/g/n, Bluetooth® 2.1+ EDR (Bluetooth® Keyboard/Mouse support), 3G modem module (optional)   |
| I/O Port              | DC-in Jack x 1, Mini USB Port x 1, Mini HDMI Port 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        |
| Storage               | 16GB eMMC Flash  |
| Navigation            | GPS E-compass  |
| Camera                | Front: 1.2M Pixel camera, Rear: 5M Pixel AF camera   |
| Other                 | Built-in Light Sensor<br>Built-in G-Sensor, Built-in 3-axis digital gyroscope, Built-in Vibrator motor   |
| OS                    | Android™ v4.0  |
| Mechanical            |  |
| Color                 | Black  |
| Dimension             | 10.65" x 7.42" x 0.96" (270.4mm x 188.4mm x 24.29mm)   |
| Gross Weight          | 2.4 lb (1.1 Kg)  |
| Carton Dimension      | 14.37" x 7.95" x 1.97" (365mm x 202mm x 50mm)  |
| Environmental         |  |
| Operating Temperature | -4°F ~ 131°F (-20°C ~ 55°C)  |
| Storage Temperature   | -67°F ~ 131°F (-55°C ~ 55°C)   |
| Operating Humidity    | 10 to 95% @ 40°C, non-condensing   |
| Water & Dust Proof    | IP65 compliance  |
| Vibration             | Meets MIL-STD 810G-514.6, Procedure I Cat. 24, Fig. 514.6E-1 & 514.6E-2 (Unit is non-operating)<br>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 +/- 8KV, Contact +/- 4KV   |
| EMC/ Safety           | CE/FCC Class B/UL  |
| Power Supply          |  |
| AC/ DC Adapter        | AC Power input: 100V-240V, 50Hz-60Hz, 50W<br>DC Power output: 12V/2A   |
| Battery               | Li-Polymer high capacity battery (6810 mAh), up to 12 Hours Battery Life   |
| LCD                   |  |
| Display Type          | 10.1" 16:10 TFT LCD  |
| Max. Resolution       | 1280 x 800   |
| Max. Color            | 16.7M  |
| Dot Size              | 0.1695(V) x 0.1695(H) mm   |
| Luminance             | 350 cd/m <sup>2</sup> / 900 cd/m <sup>2</sup>  |

# RTC-900R

## Dimension

Unit: mm



|                     |  |
|---------------------|--|
| View Angle          | Horizontal 170° (Typical), Vertical 170° (Typical) |
| <b>Touch Screen</b> |  |
| Type                | Projected Capacitive Multi-Touch Panel             |
| Light Transmission  | ≥87%   |

## Packing List

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

## Optional Accessories

- AP-OT9789666663  
Vehicle Dock (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

## Ordering Information

| Part Number        | CPU            | LCD Display    | Touch Screen  | System Memory   | OS          | WiFi         | Bluetooth | 3G Band (MHz) | GPS       | Sensor  | Camera                     | Display       | USB          | Expansion    | SIM Card | Power | Temp       | Sunlight Readable |
|--------------------|----------------|----------------|---------------|-----------------|-------------|--------------|-----------|---------------|-----------|---|----------------------------|---------------|--------------|--------------|----------|-------|------------|-------------------|
| RTC-900R-WBG-1110  | TEGRA 2 1.0GHz | 10.1" TFT LCD  | Pcap 10-point | 16GB eMMC Flash | Android 4.0 | 802.11 b/g/n | 2.1 + EDR | —             | GPS/A-GPS | Light Sensor x 1<br>G Sensor x 1<br>3-axil digital groscope x 1<br>Vibrator x 1 | Front: 1.2 MP<br>Real: 5MP | Mini HDMI x 1 | Mini USB x 1 | micro SD x 1 | 1        | 12V   | -20°C~55°C | 350 nit           |
| RTC-900R-WBGH-1110 | TEGRA 2 1.0GHz | 10.1" TFT LCD  | Pcap 10-point | 16GB eMMC Flash | Android 4.0 | 802.11 b/g/n | 2.1 + EDR | 850/1900/2100 | GPS/A-GPS |   | Front: 1.2 MP<br>Real: 5MP | Mini HDMI x 1 | Mini USB x 1 | micro SD x 1 | 1        | 12V   | -20°C~55°C | 350 nit           |
| RTC-900R-WBG-1210  | TEGRA 2 1.0GHz | 10.1" TFT LCD  | Pcap 10-point | 16GB eMMC Flash | Android 4.0 | 802.11 b/g/n | 2.1 + EDR | —             | GPS/A-GPS |   | Front: 1.2 MP<br>Real: 5MP | Mini HDMI x 1 | Mini USB x 1 | micro SD x 1 | 1        | 12V   | -20°C~55°C | 900 nit           |
| RTC-900R-WBGH-1210 | TEGRA 2 1.0GHz | 10.1" TFT LCD  | Pcap 10-point | 16GB eMMC Flash | Android 4.0 | 802.11 b/g/n | 2.1 + EDR | 850/1900/2100 | GPS/A-GPS |   | Front: 1.2 MP<br>Real: 5MP | Mini HDMI x 1 | Mini USB x 1 | micro SD x 1 | 1        | 12V   | -20°C~55°C | 900 nit           |
| RTC-900R-WBG-1310  | TEGRA 2 1.0GHz | 10.1" TFT LCD  | Pcap 10-point | 16GB eMMC Flash | Android 4.0 | 802.11 b/g/n | 2.1 + EDR | —             | GPS/A-GPS |   | Front: 1.2 MP<br>Real: 5MP | Mini HDMI x 1 | Mini USB x 1 | micro SD x 1 | 1        | 12V   | -20°C~55°C | —                 |
| RTC-900R-WBGH-1310 | TEGRA 2 1.0GHz | TEGRA 2 1.0GHz | Pcap 10-point | 16GB eMMC Flash | Android 4.0 | 802.11 b/g/n | 2.1 + EDR | 850/1900/2100 | GPS/A-GPS |   | Front: 1.2 MP<br>Real: 5MP | Mini HDMI x 1 | Mini USB x 1 | micro SD x 1 | 1        | 12V   | -20°C~55°C | —                 |