



## Key Features

- 5.7" WXGA (1280 x 720) TFT LCD 420 Nit Display with LED Backlight
- Rockchip® ARM Cortex-A17 Quad-core 1.6 GHz Processor
- LPDDR3 2GB SDRAM
- Projected Capacitive Multi-Touch Panel, Gorilla Glass
- Li-Polymer High –Capacity Battery, up to 10 Hours Battery Life
- Extended Swappable Battery, MIL-STD 810G, IP-67 Compliant
- GPS/ GLONASS Simultaneously
- WiFi a/b/g/n, BT 4.0, WWAN, 3G/LTE (Optional)
- Light Sensor/ G-Sensor/ E-Compass/ Vibrator
- 8MP Camera, 1D/2D BCS
- Supports NFC/RFID, Variant Extensions
- Docking Station (Optional)
- Android™ 6.0

**MIL-STD  
810G**

**IP67**



## Small but tough

The RTC-600A will prove itself a worthy companion at your side at all times and through all kinds of circumstances, defying water, 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. With the IP67 certification there's no need to worry about the extremities of the environment!

Heat & cold resistant, shock & drop resistant  
and water resistant up to IP67

## Why RTC Tablets



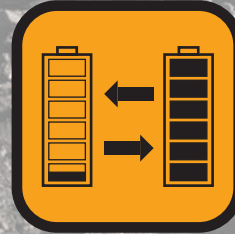
Shockproof



IP 67 Certified



Turnkey extensions



Changeable battery



Military grade quality

## Real world application

A Dutch container shipping company required a industrial grade tablet to document and record damages on containers.

The RTC-600 is perfectly capable to withstand the harsh sea environment with high humidity, rain, and big temperature differences whilst cooperating with a Geo-fence to limit its use to a pre-defined perimeter. The communication was done through WiFi, 3G as well as an ethernet supporting docking station for below the deck use. For more real world application stories and white papers, please visit [www.RTC-Tablet.com](http://www.RTC-Tablet.com)

## Technical specifications

### System

|                  |  |
|------------------|--|
| Processor        | Rockchip® ARM Cortex-A17 Quad-core 1.6 GHz Processor   |
| Memory & Storage | LPDDR3 2GB SDRAM & eMMC Flash 16GB   |
| I/O              | Micro USB port x 1, USB2.0 port x 1, 3.5-mm stereo headphone jack x 1, DC-In Jack x1, Built-in Speaker & Microphone, Micro SD Card x 1 |
| Communication    | WiFi support IEEE 802.11 a/b/g/n 5GHz/2.4GHz Band<br>BT 4.0 with integrated class 1 PA and BLE   |
| WWAN (optional)  | 3G/LTE: WCDMA/CDMA; HSPA+/CDMA(North America, EU)  |
| GNSS             | GPS, GLONASS, Beidou, A-GPS.<br>*A-GPS only available when the 3G/LTE module is enabled.   |
| BCR (optional)   | BCR (optional) 1D/2D Scanner CMOS engine   |
| RFID             | HF RFID based on 13.56MHz compatible with NFC  |
| Camera           | 8M Pixel AF camera with flash light  |
| Sensors          | Built-in Light Sensor, Built-in G-Sensor, Built-in 3-axis digital gyroscope<br>Built-in vibration feedback                             |
| OS               | Android 6.0  |

### Environmental

|                       |                                      |
|-----------------------|--------------------------------------|
| Operating Temperature | -20°C to 50°C                        |
| Storage Temperature   | -55°C to 75°C                        |
| Humidity              | 10% to 95%                           |
| Vibration             | Meet Mil Std 810G-514.6, Procedure I |
| Drop                  | Mil-STD-810G-516.6, Procedure IV     |
| Water & Dust Proof    | IP67                                 |
| ESD                   | Air +/- 8KV, Contact +/- 4KV         |
| EMI/Safety            | CE/FCC Class B/ULV                   |

### Mechanical

|                       |                               |
|-----------------------|-------------------------------|
| Color                 | Black                         |
| Dimension (W x H x D) | L 186.6 x W 100.6 x H 22.3 mm |
| Gross Weight          | 430g                          |

### Power Supply

|               |  |
|---------------|--|
| AC/DC Adapter | AC input 100V-240V, 50Hz-60Hz; DC output: 12V, 2A  |
| Battery       | Hot swappable Lithium-Polymer high capacity battery, support up to 8-10hrs<br>-External Battery: 7.4V 1530mAH<br>-Internal Battery: 7.4V 1530mAH |

### LCD

|               |                                 |
|---------------|---------------------------------|
| Display       | 5.7" TFT LCD with LED backlight |
| Resolution    | 1280 x 720 Pixels               |
| Brightness    | 420 nits                        |
| Viewing angle | Vertical/ Horizontal 178°       |

### Touch Screen

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