

## 5.7" Rugged Tablet Handheld with OMAP™ 1.5 GHz Processor



## Features

- 5.7" HD (1280 x 720) TFT LCD 420 nits Display with LED Backlight
- TI® OMAP™ 4470, up to 1.5 GHz Processor
- LPDDR2 1GB SDRAM
- Projected Capacitive Multi-Touch Panel, Gorilla Glass
- Li-Polymer High-Capacity Battery, up to 8 Hours Battery Life
- Extended Swappable Battery, MIL-STD 810G, IP67 Compliant
- GPS/ GLONASS Simultaneously
- WiFi b/g/n, BT 3.0, WWAN, 3G (Optional)
- Light Sensor/ G-Sensor/ E-Compass/ Vibration Motor
- 5MP Camera, 1D/2D BCS
- Supports NFC/RFID, Variant Extensions
- Docking Station (Optional)
- Android™ 4.2



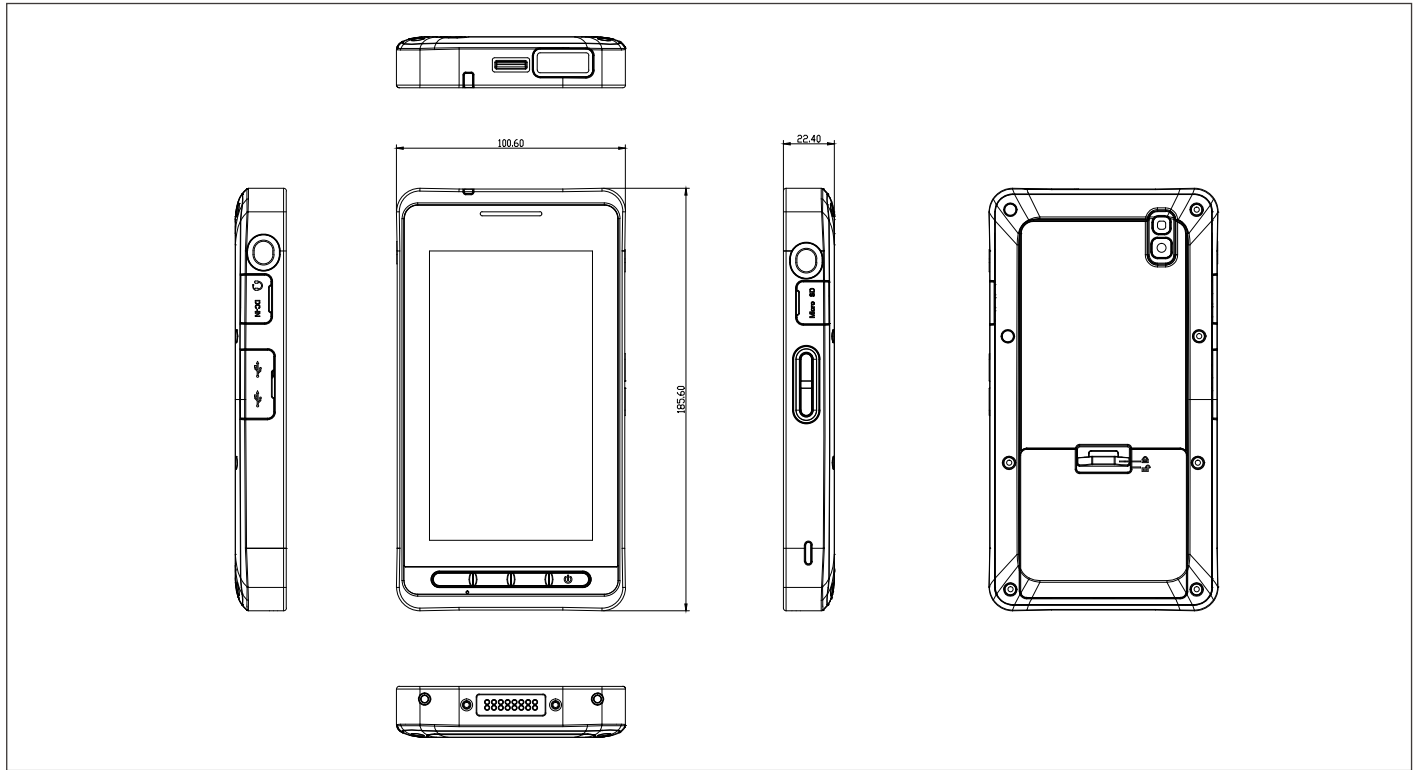
## Specifications

System	
Processor	OMAP 4470 up to 1.5 GHz Processor
Memory & Storage	LPDDR2 1 GB SDRAM & eMMC Flash 16 GB
I/O	SIM Card x 1, Micro SD Card Slot x 1, USB 2.0 (type A) x 1, Micro USB port x 1, 3.5-mm stereo headphone jack x 1, DC-In Jack x 1, Built-in Speaker & Microphone
Communication	Wifi support IEEE 802.11 b/g/n 5GHz/2.4GHz Band, BT 3.0(HS) with integrated class 1 PA and BLE
WWAN(optional)	3G: WCDMA/CDMA
GNSS	GPS, GLONASS, Beidou, AGPS, *AGPS only available when the 3G module is enabled.
BCS (optional)	1D Scanner support CMOS engine (optional), 2D Scanner support LED engine
RFID (optional)	HF RFID based on 13.56MHz compatible with NFC
Camera	5M Pixel AF camera with flash light
Sensors	Light Sensor, G-Sensor, 3-axis digital gyroscope,vibrator
Mechanical	
Color	Black
Dimension (W x H x D)	4.13" x 8.27" x 0.83" (105mm x 210mm x 21mm)
Gross Weight	0.94 lb (0.43 kg)
Environmental	
Operating Temperature	Battery charging status: -4°F ~ 104°F (-20°C ~ 40°C,) Battery discharging status: -4°F ~ 122°F (-20°C ~ 50°C)
Storage Temperature	-67°F ~ 167°F (-55°C ~ 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 / UL
Power Supply	
AC / DC Adapter	AC input 100V-240V, 50Hz-60Hz; DC output: 12V
Battery Life	Hotswappable Lithium-Polymer high capacity battery, support up to 8hrs
Master Battery	External Battery: 7.4V 1530mAH
Slave Battery	Internal Battery: 7.4V 1530mAH
LCD	
Display	5.7" TFT LCD with LED backlight
Resolution	1280 x 720 Pixels
Brightness	420 nits
Viewing angle	Horizontal: 178° (Typ.), Vertical: 178° (Typ.)
Touch Screen	
Touch Screen	Projected Capacitive Multi-Touch panel
Light Transmission	≥ 87%

# RTC-600A

## Dimension

Unit: mm



## Packing List

- **1255300241**  
AC Power Adapter
- **1702031830**  
Power Cable for USA
- **Product CD**
- **RTC-600A**

## Optional Accessories

- **1702031830**  
Power Cable for USA
- **1700050156**  
USB OTG Cable
- **1702031831**  
Power Cable for Europe
- **AP-PS1757402101**  
Vehicle DC/DC Adapter
- **RDS-1210-0000**  
Docking Station
- **RDS-0040-0000**  
4-Bay Battery Charger
- **9789600A00**  
Battery
- **219600A00**  
Carry bag

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

## Ordering Information

Part Number	CPU	LCD Display	Touch Screen	System Memory	Storage	OS	WiFi/Bluetooth	3G Bands (MHz)	Navigation	Sensor	Camera	Battery	Expansion I/O	Size & Weight	Operation Temp	Durable	NFC (HF RFID)	2D Barcode Scanner	Docking
RTC-600A-TAD-WBGH-5000	Ti@ OMAP™ 4470 1.5GHz Dual Core Processor	5.7"	Pcap 5-point	LPDDR2 1GB	16GB eMMC Flash	Android 4.2	802.11 b/g/n + BT3.0 + EDR	—	GPS	Light Sensor x 1 G Sensor x 1 3-axis digital groscope x 1 Vibrator x 1	5MP	Single Battery 7.4V, 1530mAh	USB 2.0 (type A) x 1, Micro USB x 1, Micro SD x 1, SIM Card x 1	L186.6 x W 100.6 x H 22.3 mm 430g	-20°C ~ 50°C	Meet IEC 60529 IP67 standard MIL Std 810G-516.6, Procedure IV MIL Std 810G-514.6, Procedure I 26 drops of 48" height to 2" plywood over concrete with bumpers & uNits off 2 units to pass	—	—	YES
RTC-600A-TAD-WBGH-5100	Ti@ OMAP™ 4470 1.5GHz Dual Core Processor	5.7"	Pcap 5-point	LPDDR2 1GB	16GB eMMC Flash	Android 4.2	802.11 b/g/n + BT3.0 + EDR	850/1900/2100	GPS/ Glonass/ AGPS	Light Sensor x 1 G Sensor x 1 3-axis digital groscope x 1 Vibrator x 1	5MP	Dual-Battery Internal: 7.4V, 1530mAh External: 7.4V, 1530mAh	USB 2.0 (type A) x 1, Micro USB x 1, Micro SD x 1, SIM Card x 1	L186.6 x W 100.6 x H 22.3 mm 480g	-20°C ~ 50°C	Meet IEC 60529 IP67 standard MIL Std 810G-516.6, Procedure IV MIL Std 810G-514.6, Procedure I 26 drops of 48" height to 2" plywood over concrete with bumpers & uNits off 2 units to pass	—	—	YES
RTC-600A-TAD-WBGH-5101	Ti@ OMAP™ 4470 1.5GHz Dual Core Processor	5.7"	Pcap 5-point	LPDDR2 1GB	16GB eMMC Flash	Android 4.2	802.11 b/g/n + BT3.0 + EDR	850/1900/2100	GPS/ Glonass/ AGPS	Light Sensor x 1 G Sensor x 1 3-axis digital groscope x 1 Vibrator x 1	5MP	Dual-Battery Internal: 7.4V, 1530mAh External: 7.4V, 1530mAh	USB 2.0 (type A) x 1, Micro USB x 1, Micro SD x 1, SIM Card x 1	L 186.6 x W 100.6 x H 22.3 mm 495g	-20°C ~ 50°C	Meet IEC 60529 IP67 standard MIL Std 810G-516.6, Procedure IV MIL Std 810G-514.6, Procedure I 26 drops of 48" height to 2" plywood over concrete with bumpers & uNits off 2 units to pass	—	YES	YES
RTC-600A-TAD-WBGHR-5001	Ti@ OMAP™ 4470 1.5GHz Dual Core Processor	5.7"	Pcap 5-point	LPDDR2 1GB	16GB eMMC Flash	Android 4.2	802.11 b/g/n + BT3.0 + EDR	850/1900/2100	GPS/ Glonass/ AGPS	Light Sensor x 1 G Sensor x 1 3-axis digital groscope x 1 Vibrator x 1	5MP	Single Battery 7.4V, 1530mAh	USB 2.0 (type A) x 1, Micro USB x 1, Micro SD x 1, SIM Card x 1	L 186.6 x W 100.6 x H 22.3 mm 455g	-20°C ~ 50°C	Meet IEC 60529 IP67 standard MIL Std 810G-516.6, Procedure IV MIL Std 810G-514.6, Procedure I 26 drops of 48" height to 2" plywood over concrete with bumpers & uNits off 2 units to pass	YES	YES	YES
RTC-600A-TAD-WBGHR-5101	Ti@ OMAP™ 4470 1.5GHz Dual Core Processor	5.7"	Pcap 5-point	LPDDR2 1GB	16GB eMMC Flash	Android 4.2	802.11 b/g/n + BT3.0 + EDR	850/1900/2100	GPS/ Glonass/ AGPS	Light Sensor x 1 G Sensor x 1 3-axis digital groscope x 1 Vibrator x 1	5MP	Dual-Battery Internal: 7.4V, 1530mAh External: 7.4V, 1530mAh	USB 2.0 (type A) x 1, Micro USB x 1, Micro SD x 1, SIM Card x 1	L 186.6 x W 100.6 x H 22.3 mm 495g	-20°C ~ 50°C	Meet IEC 60529 IP67 standard MIL Std 810G-516.6, Procedure IV MIL Std 810G-514.6, Procedure I 26 drops of 48" height to 2" plywood over concrete with bumpers & uNits off 2 units to pass	YES	YES	YES

Note: All specifications are subject to change without notice.