

5" Rugged Android™ Handheld Device with LTE solution



Features

- Support Android 5.1
- Quad-core ARM Cortex-A53 1.3GHz
- Multiple Connectivity including WLAN, WWAN, Bluetooth, NFC and 2G/3G/LTE
- WorldMode modem capability (Support FDD/TDD-LTE, WCDMA, CDMA2000 1xEV-DO and GSM/GPRS/EDGE)
- IP67 rated water and dust resistance
- Drop proof: Up to 1.5m
- Accelerometer, Magnetometer, Gyroscope, Light sensor, GPS & Barometer
- Built-in 1D/2D barcode reader

System

| | |
|---------|--|
| CPU | Quad Core ARM Cortex-A53 1.3GHz |
| OS | Android 5.1 |
| Memory | 2GB LPDDR2 |
| Storage | 16 GB eMMC |
| Audio | 1 x built-in microphone |
| | 1 x built-in speaker (0.5W) |
| | 1 x 3.5mm stereo headphone/microphone combo jack |
| | FM radio |

Peripherals and Devices

| | |
|-----------------|--|
| Camera | Front: 2.0 megapixel camera |
| | Rear: 13.0 megapixel camera with Auto-Focus and Flashlight |
| Sensor | Magnetometer (M-Sensor/E-Compass) |
| | Accelerometer (G-sensor) |
| | Gyroscope |
| | Barometer |
| | Proximity sensor |
| | Ambient light sensor |
| | |
| NFC | Yes |
| WLAN | Integrated Wi-Fi 802.11a/b/g/n |
| Bluetooth | Integrated Bluetooth 4.1 (BLE, HS compliant) |
| WWAN | 2G GSM/GPRS/EDGE (Band 850/900/1800/1900) |
| | 3G WCDMA (Band 1,2,5,8) |
| | 3G CDMA2000 (BC0/BC1) |
| | 4G FDD+TDD (Band1,3,5,7,8,20,38,39,40,41) |
| | 4G DRX (Band1,3,5,7,8,20,38,39,40,41) |
| Navigation | 4G FDD+TDD (Band1,2,3,4,5,7,8,12,13,17) |
| | 4G DRX(Band1,2,3,4,5,7,8,12,13,17) |
| Barcode Scanner | GPS/Beidou |
| | GPS/Glonass (optional) |

I/O Interface

| | |
|------------|---|
| USB Port | 1 x Micro USB 2.0 port (OTG compatible) |
| SD Slot | 1 x microSD card slot (up to 32G) |
| SIM Socket | 1 x micro-SIM (3FF) socket supporting 2G/3G/LTE |
| | 1 x micro-SIM (3FF) socket supporting 2G only |

LCD Display

| | |
|------------|------------------|
| Size/Type | 5" TFT LCD |
| Resolution | 720(W) x 1280(H) |
| Brightness | 500 nits |

Touch Screen

| | |
|------|---|
| Type | 5-Point Projected Capacitive Multi-Touch screen |
|------|---|

Power Supply

| | |
|------------------|--|
| Battery Type | Lithium-ion rechargeable battery |
| | Customer replaceable (for maintenance) |
| Battery Capacity | 4800mAh |
| Adapter Input | AC100~240C, 50~60 Hz |
| Adapter Output | 5V/2A (10W) |

Mechanical & Environmental

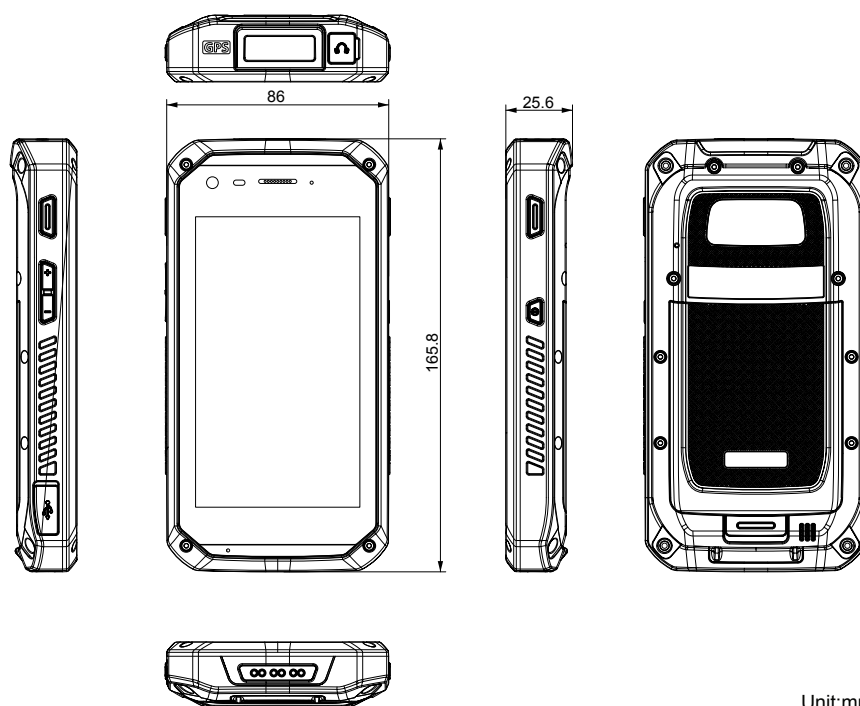
| | |
|------------------------|--|
| Ingress Protection | IP67, Up to 1.5m drop resistance. |
| Operating Temp. | -15°C ~ 55°C (5°F ~ 131°F) |
| Storage Temp. | -20°C ~ 60°C (-4°F ~ 140°F) |
| Operating Humidity | 5~95% RH |
| Dimensions (W x H x D) | 86 x 165.8 x 25.6mm (3.39" x 6.53 x 1.01") |
| Weight | < 385g (0.85lb) (with battery) |

Ordering Information

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|-----------|--|
| GT-500 | 5" Android™ Rugged Handheld Device with Quad-core Processor and Front & Rear Camera |
| GT-500-2D | 5" Android™ Rugged Handheld Device with Quad-core Processor, Front & Rear Camera and 1D/2D Barcode Scanner |






Dimensions









Unit:mm

Standard Accessories

| | |
|--|---|
| Micro USB Cable |  |
| Rechargeable Li-ion battery pack (pre-installed) |  |
| User Manual |  |

Optional Accessories

| | | |
|-----------------|-----------------------------------|---|
| Power Adapter | Universal power adapter, 5V/2A |  |
| Hand Strap | 165(L) x 40(W)mm handstrap |  |
| Battery Charger | 4-in-1 Battery Charger |  |
| Cradle | Desktop Cradle |  |
| Pistol Grip | Pistol Grip |  |
| Pistol Grip | Pistol Grip with UHF RFID Scanner |  |