GT-500 US
5" Ultra-Rugged Handheld Device

Features
- Support Android 5.1
- Quad-core ARM Cortex-A53 1.3GHz
- Multiple Connectivity including WLAN, Bluetooth, NFC and 2G/3G/LTE.
- IP67 rated water and dust resistance.
- Drop proof: Up to 1.5m (Pistol Grip not included)
- Accelerometer, Magnetometer, Gyroscope, Light sensor, GPS & Pressure Sensor
- Built-in 1D/2D barcode scanner

System
CPU: Quad Core ARM Cortex-A53 1.3GHz
Operating System: Android 5.1
Memory: 2GB LPDDR2
Flash: 16 GB eMMC

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
- Pressure Sensor
- Proximity sensor
- Ambient light sensor
Barcode Scanner: 1D/2D barcode reader, either with physical trigger button
Audio & Vibrator:
- 1 x built-in microphone
- 1 x built-in speaker (0.5W)
- 1 x 3.5mm stereo headphone/microphone combo jack
- 1 x vibrator
- FM radio

Wireless
WLAN: Integrated IEEE 802.11a/b/g/n
Bluetooth: 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 (Band 2,4,12,13,17)
- 4G DRX (Band 2,4,12,13,17)
Navigation: GPS/Beidou
NFC: Yes

I/O Interface
USB Port: 1 x micro USB 2.0 port High Speed / OTG Compatible.
SD Slot: 1 x microSD card slot (max 32G)
SIM card: 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 (cd/m²): 500 cd/m²
Touch Screen: 5 points capacitive touch (PCT)

Power Supply
Battery Type: Lithium-ion rechargeable battery, field replaceable.
Battery Capacity: Typical 3.7V, 4800mAh
Adapter Input: AC 100~240V 50~60 Hz
Adapter Output: 5V/2A (10W)

Mechanical & Environmental
Ingress Protection: IP67, Up to 1.5m drop resistance.
Operating Temperature: -15°C ~ 55°C (5°F ~ 131°F)
Storage Temperature: -20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity: 5% ~ 95% RH
Dimensions (mm): 165.8(H) x 86(W) x 25.6(D)
Weight: under 385g (with battery)

All specifications are subject to change without notice. Last update: 13/3/2018

www.AMobile-solutions.com
**Dimensions**

86 x 165.8 x 25.6

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**Ordering Information**

<table>
<thead>
<tr>
<th>Part Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT-500 US</td>
<td>5&quot; display, 720x1280 HD resolution, Quad-core 1.3 GHz CPU, Android 5.1, WiFi IEEE 802.11 a/b/g/n, BT4.1 BLE, NFC, WWAN 2G/3G/4G LTE, GPS, 1 x micro USB 2.0 port High Speed / OTG Compatible, 1 x microSD card slot, Dual SIM, RoHS, 2 + 13 Mega-pixel camera, IP67, Up to 1.5m drop resistance (Pistol Grip not included).</td>
</tr>
<tr>
<td>GT-500 US-2D</td>
<td>5&quot; display, 720x1280 HD resolution, Quad-core 1.3 GHz CPU, Android 5.1, WiFi IEEE 802.11 a/b/g/n, BT4.1 BLE, NFC, WWAN 2G/3G/4G LTE, GPS, 1 x micro USB 2.0 port High Speed / OTG Compatible, 1 x microSD card slot, Dual SIM, RoHS, 2 + 13 Mega-pixel camera, IP67, Up to 1.5m drop resistance (Pistol Grip not included), 2D barcode scanner</td>
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**Packing Information**

<table>
<thead>
<tr>
<th>Part Name</th>
<th>Item</th>
<th>Description</th>
<th>Q’ty</th>
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<tbody>
<tr>
<td>GT-500 US</td>
<td>Rechargeable Li-ion battery pack</td>
<td>Typical 3.7V, 4800mAh</td>
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<tr>
<td>GT-500 US-2D</td>
<td>Micro USB Cable</td>
<td>1m</td>
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<td>Manual</td>
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**Optional Accessories list**

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<tr>
<th>Part Name</th>
<th>Description</th>
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<tbody>
<tr>
<td>Universal Power Adapter</td>
<td>5V/2A</td>
</tr>
<tr>
<td>Hand Strap</td>
<td>165(L) x 40(W)mm</td>
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<tr>
<td>4-in-1 Battery Charger</td>
<td>One-time charging for 4 batteries</td>
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<tr>
<td>Desktop Cradle</td>
<td>Desktop cradle w/ wireless charger</td>
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**Functions Support Comparison**

<table>
<thead>
<tr>
<th>Part Name</th>
<th>Barcode</th>
<th>Bluetooth</th>
<th>Wi-Fi</th>
<th>GPS</th>
<th>3G</th>
<th>LTE</th>
<th>NFC</th>
<th>Camera</th>
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<tr>
<td>GT-500 US</td>
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**Solutions**

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<thead>
<tr>
<th>Part Name</th>
<th>Retail</th>
<th>Transportation &amp; Logistics</th>
<th>Warehouse</th>
<th>Medical</th>
<th>Energy</th>
<th>Manufacturing</th>
<th>Oil &amp; Gas</th>
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