



Gladius 5

5.5" Rugged IoT Handheld Device with Quad-core Processor



Features

- Fully rugged for warehousing / transportation / medical / mPOS applications
- MIL-STD-810G & IP-65 certified, 1.5m (5ft.) drop resistance
- 5.5" TFT color LCD 1280 x 720 HD resolution
- Projected capacitive multi-touch panel with anti-reflection Corning® Gorilla® Glass 3
- High mobility with multiple connectivities including WLAN, Bluetooth and WWAN
- Built-in 1D barcode reader or 1D/2D barcode imager
- Customer replaceable battery with optimized battery life up to 8 hours
- Wireless charge supported
- G-sensor, gyroscope, light sensor, E-compass, GPS navigation & barometer
- System access control via RFID & NFC reader

Durability Features

MIL-STD-810G & IP-65 certified

1.5m (5ft.) drop-resistance

Raised bezel for LCD impact protection

I/O ports with hinged rubber covers

System

| | |
|---------|--|
| CPU | MTK MT6589 Quad-core Cortex™ A7 1GHz CPU PowerVR™ Series5XT GPU |
| OS | Android™ v4.2 |
| Memory | 1GB |
| Storage | 8GB |

| | |
|-------|---------------------------------|
| Audio | Integrated microphone |
| | Integrated speaker |
| | 1 x 3.5mm stereo headphone jack |

Peripherals and Devices

| | |
|-----------------|--|
| Camera | Front: 2.0 MP camera (only available for model with 1D barcode reader) |
| | Rear: 8.0 MP AF camera with LED |
| Sensor | Accelerometer (G-sensor) |
| | 3-axis digital gyroscope |
| | Barometer |
| Light Sensor | Ambient light sensor |
| NFC | ISO/IEC 21481 Type A, Type B, Felica |
| WLAN | Integrated IEEE 802.11 b/g/n |
| Bluetooth | Integrated Bluetooth 4.0 + EDR class 2, with HID input, A2DP, DUN, HFP, SPP & PBAP supported |
| WWAN | WCDMA UMTS 850/900/1900/2100M |
| Navigation | GPS, AGPS & digital compass |
| Barcode Scanner | 1D or 1D/2D barcode scanner, either with physical trigger button |

I/O Interface

| | |
|------------|-----------------------------------|
| USB Port | 1 x Micro USB 2.0 port |
| SD Slot | 1 x microSD card slot (up to 16G) |
| SIM Socket | 2 x SIM card slots |
| Expansion | microSDHC |

LCD Display

| | |
|------------|--------------|
| Size/Type | 5.5" TFT LCD |
| Resolution | 1280 x 720 |

Touch Screen

| | |
|------|---|
| Type | 5-point Projected Capacitive Touch screen Corning® Gorilla® Glass 3 w/ anti-reflection coating |
|------|---|

Power Supply

| | |
|------------------|--|
| Power System | External AC power adapter Lithium-ion rechargeable battery |
| Battery Type | Customer replaceable (for maintenance) Wirelessly rechargeable (only works with ARBOR wireless cradle and docking) |
| Battery Capacity | 3.7V, 3600mAh, 13.32Wh Up to 8 hours battery life with the following operations: 1. Continuous audio playback of 160-Kbps encoded MP3 files 2. Internet browsing by Wi-Fi while: a. Browsing snapshot versions of 20 separate web pages b. Using hourly push-email Continuous video playback for 6 hours |
| Battery Life | |
| Adapter Input | Input: AC100~240C, 50~60 Hz |
| Adapter Output | DC power output: 5V/2.1A |

Mechanical & Environmental

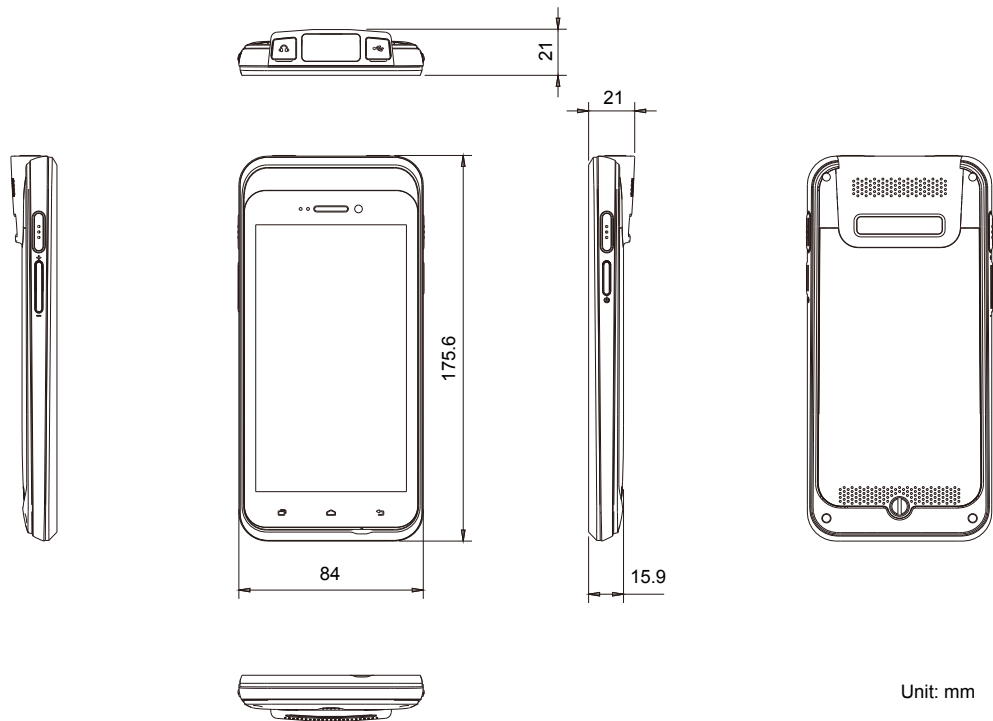
| | |
|------------------------|---|
| Operating Temp. | -10°C ~ 50°C (14°F ~ 122°F) |
| Storage Temp. | -20°C ~ 60°C (-4°F ~ 140°F) |
| Operating Humidity | 95% (non-condensing) |
| Dimensions (W x H x D) | 84.0 x 175.6 x 15.9 mm (3.31" x 6.91" x 0.63") |
| Weight | 280g (0.62lb) (with battery) |

Ordering Information






| | |
|-------|---|
| G551B | 5.5" Android™ Rugged IoT Handheld Device with Quad-core Processor, Front & Rear Camera and 1D Barcode Scanner |
| G552B | 5.5" Android™ Rugged IoT Handheld Device with Quad-core Processor, Rear Camera and 1D/2D Barcode Scanner |





Dimensions



Standard Accessories

| | |
|----------------------------------|---|
| Universal power adapter |  |
| Rechargeable Li-ion battery pack |  |
| Earphone |  |
| SIM card adapter |  |
| User Manual |  |

Optional Accessories

| | | |
|-----------|--|---|
| D.Dock-G5 | Desktop cradle w/ wireless charger |  |
| V.Dock-G5 | In-vehicle docking w/ wireless charger |  |