

# 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

Accelerometer (G-sensor)

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

Barometer

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### 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:

- Continuous audio playback of 160-Kbps encoded MP3 files
- Internet browsing by Wi-Fi while:
  - Browsing snapshot versions of 20 separate web pages
  - Using hourly push-email

Continuous video playback for 6 hours

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 84.0 x 175.6 x 15.9 mm

(W x H x D) (3.31" x 6.91" x 0.63")

Weight 280g (0.62lb) (with battery)

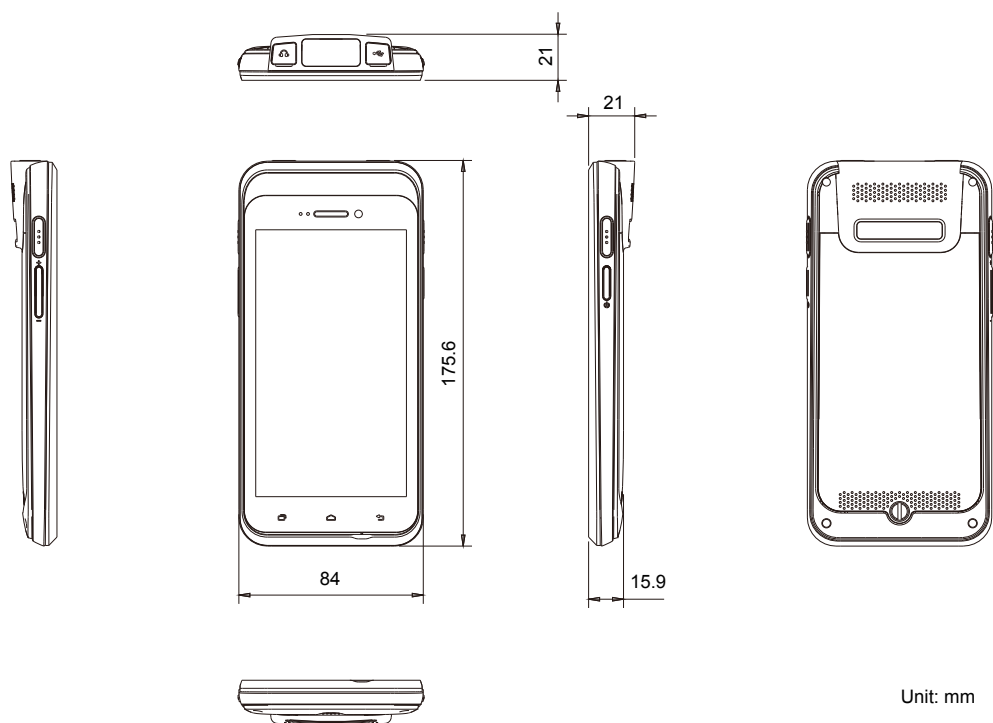
### Ordering Information

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	