

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
- High mobility with multiple connectivities including WLAN, Bluetooth and WWAN
- Built-in 1D barcode reader / 2D barcode imager
- Field replaceable battery with optimized battery life up to 8 hours
- Qi standard 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 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	UMTS Rel.8/HSPA+/TD-SCDMA
Navigation	GPS, AGPS & digital compass
Barcode Scanner	1D barcode reader with physical trigger buttons

LCD Display

Size/Type	5.5" TFT LCD
Resolution	1280 x 720

Touch Screen

Type	5-point Projected Capacitive Touch screen Corning® Gorilla® glass w/ anti-reflection coating
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I/O Interface

USB Port	1 x micro USB 2.0 port
SD Slot	1 x microSD card slot
SIM Socket	2 x SIM card slots
Expansion	microSDHC

Power Supply

Power System	External AC power adapter Lithium-ion rechargeable battery
Battery Type	Field replaceable (for maintenance) Qi standard wirelessly rechargeable
Battery Capacity	3.7V, 3600mAh, 13.32Wh
Battery Life	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

Adapter Input	Input: AC100~240C, 50~60 Hz
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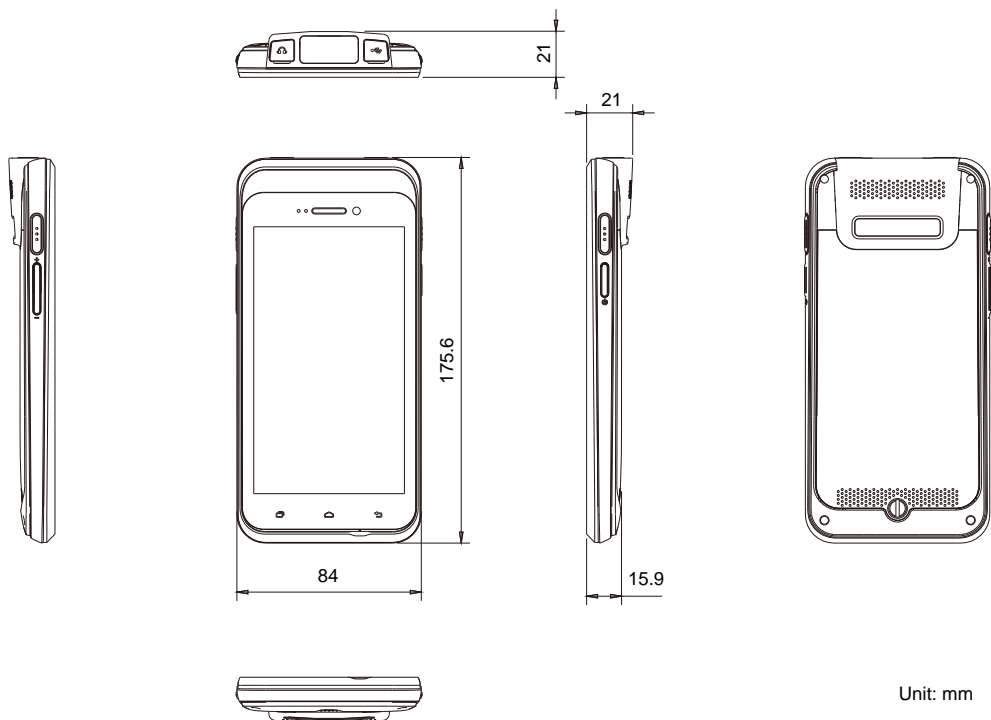
Adapter Output	DC power output: 5V/1.5A
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Mechanical & Environmental

Operating Temp.	-20°C ~ 60°C, Charging (0°C ~ 45°C)
Storage Temp.	-40°C ~ 70°C
Operating Humidity	95% (non-condensing)
Dimensions (W x D x H)	84.0 x 175.6 x 15.9 mm
Weight	280g (with battery)



Dimensions



Standard Accessories

Universal power adapter



Rechargeable Li-ion battery pack



Earphone



Quick Start Guide

Optional Accessories

D.Dock-G5 Desktop cradle w/ Qi standard wireless charger



V.Dock-G5 In-vehicle docking w/ Qi standard wireless charger



OEM Configuration

MSR reader

1D/2D barcode imager

*Please contact ARBOR's sales representatives in your local area.