Gladius 8

7.85" Rugged IoT Handheld Device with Quad-core Processor

Rugged Mobile Computing
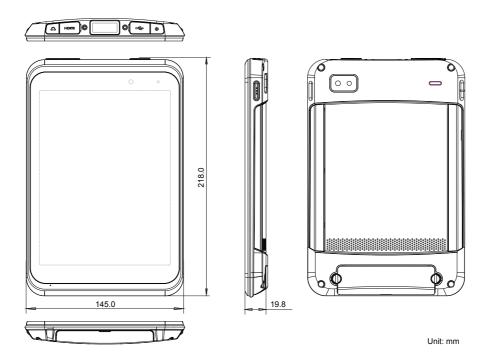
POWERED by MEDIATEK

Features

- Fully rugged for warehousing / transportation / medical / mPOS applications
- MIL-STD-810G & IP-65 certified, 1.2m (4ft.) drop resistance
- 7.85" TFT color LCD 1024 x 768 XGA 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 10 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	
1.2m (4ft.) drop-resistance	
Raised bezel for LCD impact protection	
I/O ports with hinged rubber covers	

System

CPU	MTK MT8382 Quad-core Cortex™A7 1.3GHz CPU PowerVR™ Series5XT GPU
OS	Android™ v4.4
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: 12.6 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
	Wi-Fi certified Miracast™
Bluetooth	Integrated Bluetooth 4.0 LE + 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 32G)
SIM Socket	2 x SIM card slots
HDMI	1 x Mini HDMI port
Expansion	microSDHC

LCD Display

Size/Type	7.85" TFT LCD
Resolution	1024 x 768

Touch Screen

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

Power Supply

Power System	External AC power adapter
Battery Type	Lithium-ion rechargeable battery
	Customer replaceable (for maintenance)
	Wirelessly rechargable (only works with ARBOR wireless cradle and docking)
Battery Capacity	3.7V, 6200mAh, 22.94Wh

Battery Life	Up to 10 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 8 hours

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

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)	145.0 x 218.0 x 19.8 mm (5.71" x 8.58"x 0.78")
Weight	550g (1.22lb) (with battery)

Ordering Information

G751B	7.85" Android™ Rugged IoT Handheld Device with Quad-core Processor, Front & Rear Camera and 1D Barcode Scanner
G752B	7.85" Android™ Rugged IoT Handheld Device with Quad-core Processor, Front & Rear Camera and 1D/2D Barcode Scanner

Dimensions

218.0

145.0

19.8

Unit: mm

Standard Accessories

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

Optional Accessories

D.Dock-G8	Desktop cradle w/ wireless charger	
V.Dock-G8	In-vehicle docking w/ wireless charger	