



Gladius 8

7.85" Rugged IoT Handheld Device with Quad-core Processor



MEDIATEK

Features

- Fully rugged for warehousing / transportation / medical / mPOS applications
- MIL-STD-810G & IP-65 certified, 0.9m (3ft.) drop resistance
- 7.85" TFT color LCD 1024 x 768 XGA resolution
- Projected capacitive multi-touch panel with anti-reflection Corning® Gorilla® Glass 3 compliant
- High mobility with multiple connectivities including WLAN, Bluetooth and WWAN
- Built-in 1D/2D barcode scanner
- G-sensor, gyroscope, light sensor, E-compass, GPS navigation & barometer
- System access control via NFC reader

Durability Features

MIL-STD-810G & IP-65 certified
0.9m (3ft.) 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
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: 8.0 MP AF camera
Sensor	Accelerometer (G-sensor)
	3-axis digital gyroscope
	Barometer
Light Sensor	Ambient light sensor
NFC	ISO/ IEC 14443 TypeA, TypeB ; ISO/ IEC 15693
WLAN	Integrated IEEE 802.11 b/g/n
	Wi-Fi certified Miracast™
Bluetooth	Integrated Bluetooth 4.0 LE + EDR class 2, with HI D, A2DP, AVRCP, BIP, BPP, FTP, HFP, HSP, OPP, SPP supported
WWAN	WCDMA UMTS 850/1900/2100
Navigation	GPS, AGPS & E-compass (GPS must be used with A-GPS provided by SIM card).
Barcode Scanner	1D/2D barcode scanner with physical trigger button

I/O Interface

USB Port	1 x Micro USB 2.0 port
SD Slot	1 x microSD/SDHC card slot (up to 32G)
SIM Socket	2 x SIM card slots
HDMI	1 x Mini HDMI port

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 compliant
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Power Supply

Power System	External AC power adapter
Battery Type	Lithium-ion rechargeable battery Customer replaceable (for maintenance)
Battery Capacity	3.7V, 6200mAh, 22.94Wh 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/2A

Mechanical & Environmental

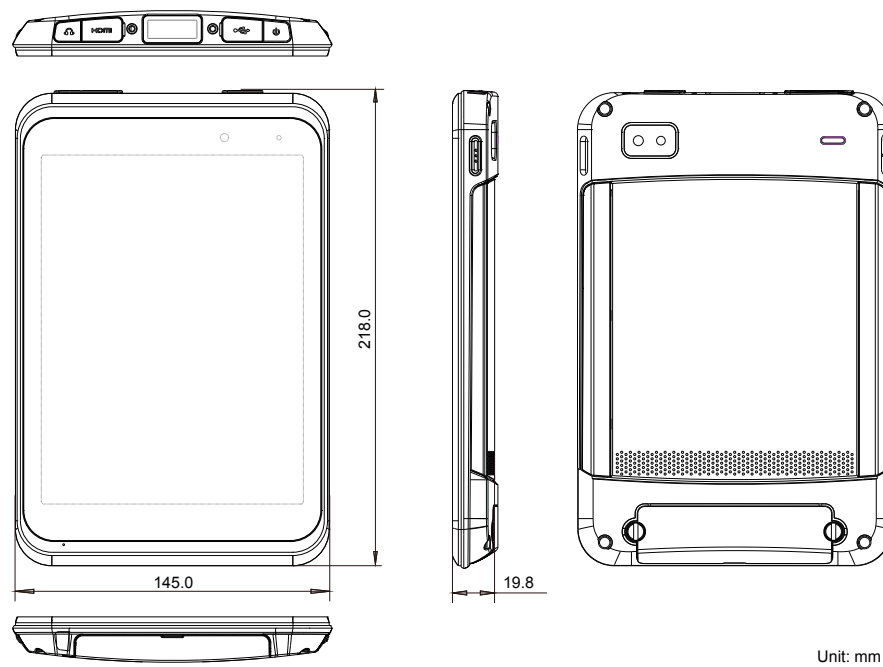
Operating Temp.	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temp.	-20°C ~ 60°C (-4°F ~ 140°F)
Operating Humidity	95% (non-condensing)
Dimensions (W x H x D)	145.0 x 218.0 x 19.8 mm (5.71" x 8.58" x 0.78")
Weight	610g (1.35lb) (with battery)

Ordering Information





GT7800	7.85" Android™ Rugged IoT Handheld Device with Quad-core Processor, Front & Rear Camera
GT7820	7.85" Android™ Rugged IoT Handheld Device with Quad-core Processor, Front & Rear Camera and 1D/2D Barcode Scanner



Dimensions



Standard Accessories

Universal power adapter (power plug type varies according to region)		
Rechargeable Li-ion battery pack		
Earphone		
User Manual		

Optional Accessories

D.Dock-G8	Desktop cradle	
Holster	Handheld 3-in-1 holster w/ shoulder strap	