



Gladius 8

7.85" Rugged IoT Handheld Device with Quad-core Processor



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

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
- 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
- Adapter Output: DC power output: 5V/2A

Mechanical & Environmental

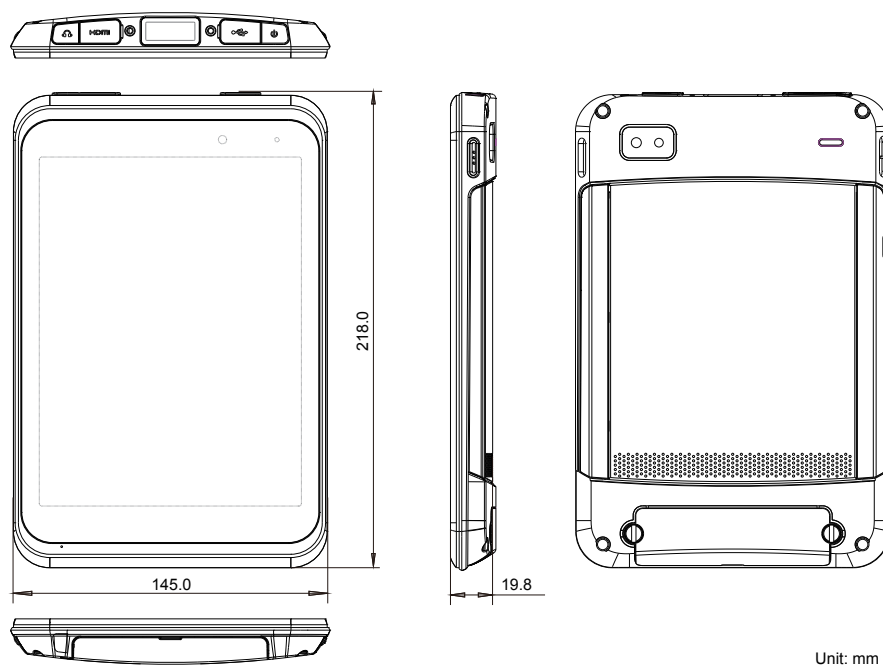
- Operating Temp.: -10°C ~ 50°C (14°F ~ 122°F)
- Storage Temp.: -20°C ~ 60°C (-4°F ~ 140°F)
- Operating Humidity: 95% (non-condensing)
- Dimensions (W x H x D): 145.0 x 218.0 x 19.8 mm (5.71" x 8.58" x 0.78")
- Weight: 610g (1.35lb) (with battery)

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	