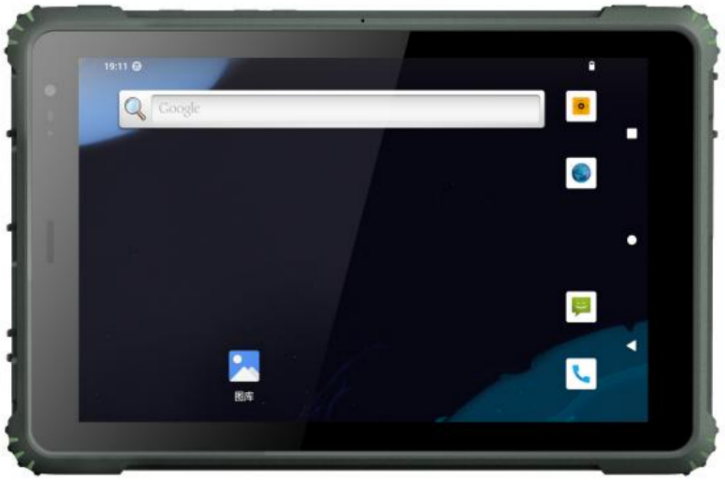
TPC-GS109M3A

10.1" MTK MT6877 2.4GHz
Rugged handheld tablet



Features:

10.1" WXGA (800 x 1280) 1000 nits TFT LCD

MT6877,2 ARM® Cortex-A78 2.4 GHz + 6

ARM® Cortex-A55 2.0 GHz

WIFI6 802.11(a/b/g/n/ac/ax),Bluetooth 5.0

standard NFC optional 1D/2D barcode scanning / fingerprint

/RFID/UHF RFID/ ID card

supports GPS/BeiDou/GLonass/Galileo

Third-generation Corning Gorilla Glass, optional AG+AF+ wet-hand/

glove touch

9800mAh high-capacity battery for extended operation

standard IP65, optional IP67

Android 13

Specifications:

System

processor	MT6877,2 ARM® Cortex-A78 2.4 GHz + 6 ARM® Cortex-A55 2.0 GHz	microphone	IP67 waterproof microphone
		earpiece	IP67 waterproof earpiece
Memory	8GB	Buttons	power button, volume +/-, custom button, scan button
Storage	128GB	LED indicator	charging indicator
camera	front 8MP fixed-focus camera, rear 20MP autofocus camera	Sensors	gravity sensor, gyroscope, proximity sensor, vibration motor, ambient-light sensor, barometric sensor, geomagnetic sensor (optional)
flash	supports		
speaker	dual speakers,1W/8Ω aluminum diaphragm,IP67 waterproof speaker	NFC	13.56MHz, supports 14443A/14443B/15693

Display

Display	10.1" TFT-LCD	touchscreen	5-point capacitive touchscreen
resolution	800*1280(optional 1920*1200, 700nits)		optional AG+AF or AG+AF+ wet-hand/glove touch
brightness	1000 cd/m2	Cover glass	Third-generation Corning Gorilla Glass, Hardness 7H, Light transmission 85%

Operating system

Operating system	Android 13

I/O interfaces

POGO PIN	1*POGO PIN(USB+ charging)	DC Jack	1*DC Jack
USB	1*USB Type C (USB OTG+ charging)	SIM slot	1* Nano SIM slot
	1*USB 2.0,TYPE A	TF slot	1* TF slot, up to 1T
Audio	3.5mm headphone jack	Circular connector	Expansion 1*RS232 or 1*DC or 1* LAN port (100M) or 1*USB2.0

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Network communications

WWAN	2G/3G/4G/5G multimode, carrier aggregation (CA), 5G carrier aggregation (CA),EDGE,FDD/TDD LTE,5G FDD/TDD,GSM, WDCDMA GSM:B2/3/5/8 WCDMA:B1/2//5/8 CDMA:800 TDD:34/38/39/40/41 FDD:1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28A/28B/66 5G:N1/3/5/7/8/20/28/38/40/41/77/78/79	WIFI	Wi-Fi 6(a/b/g/n/ac/ax)
		Bluetooth	Bluetooth 5.0
		GNSS	GPS L1CA+L5/ BeiDou B1I+B2a/Glonass L1OF/ Galileo E1 +E5a/QZSS L1CA+L5/NavIC

Expansion functions

RFID	optional RFID/HF RFID/UHF RFID	ID card recognition	optional ID card recognition module
fingerprint	China public-security/FBI abroad	barcode scanning	optional 1D/2D barcode scanning, choose 1 of 2

Power

power input	5V DC input, standard 5V/3A power adapter optional 5~24V DC power input, without internal battery power	Battery	9800mAh,3.8V removable lithium battery
		battery life	10 hours (LCD 50% brightness, 1080P video playback)

Environment

Drop	1.2m free drop onto a wooden floor	Operating temp.	-10°C~50°C
IP rating	standard IP65, optional IP67	Storage temp.	Storage temperature:-30~70°C(excluding battery),-20~50°C (including battery; charge/discharge 1 time within 2 months of storage)

Certifications

Certifications	CE, ROHS, UN38.3, MSDS, IEC62133

Physical

Dimensions (W x H x D)	272*180*21mm optional UHF RFID module additional thickness 9.5mm	Weight	1.093kg
		Color	Gray

Accessories

Accessories	hand strap, 5V/3A power adapter
Optional accessories	dock, vehicle mount, vehicle charger, passive capacitive stylus, Type-C data cable, Type-C OTG cable

Six product views:

