

TPC-GS109M3A

10.1" MTK MT6877 2.4GHz
Rugged Tablet



Features:

- 10.1" WXGA (800*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
- Supports NFC, Optional 1D/2D barcode scanning / Fingerprint / RFID/UHF RFID
- Supports GPS/BeiDou/Glonass/Galileo
- Corning Gorilla third-generation glass, optional with AG+AF+wet hand/glove touch
- 9800mAh high capacity battery meets the requirements of long-term operation
- Standard IP65, optional IP67
- Android 13

Specifications:

System Hardware

CPU	MT6877, 2 ARM® Cortex-A78 2.4 GHz + 6 ARM® Cortex-A55 2.0 GHz	MIC	IP67 waterproof microphone
RAM+Storage	8GB+128GB	Earpiece	IP67 waterproof earpiece
Camera	Front 8MP fixed focus camera, rear 20MP autofocus camera	Button	Power button, Volume +/-, 1*Customize function key 1*Barcode scanner shortcut key
Flash Light	support	LED Indicator	Charging indicator
Speaker	Single speaker, 1W/8 Ω aluminum film, IP67 waterproof speaker	Sensor	G-sensor, Gyroscope, Distance sensor, Motor, Light sensor, air pressure, geomagnetism Optional
NFC	13.56MHz, support 14443A/14443B/15693		

Display

LCD Type	10.1" TFT-LCD	Luminance	1000 cd/m²
Max. Resolution	800*1280(Optional 1920*1200, 700nits)	Touchscreen	5-point capacitive touch screen
Cover Glass	Corning Gorilla third-generation glass, with a hardness of 7H and a light transmittance of 85%		Optional AG+AF or AG+AF+wet hands/gloves

OS

OS	Android 13
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I/O Interface

POGO PIN	1*POGO PIN (USB+charging)	DC Jack	1*DC Jack
USB	1*USB Type C (USB OTG+charging) 1*USB 2.0, TYPE A	SIM Card Slot	1* Nano SIM card holder
Audio	3.5mm headphone jack	TF Card Slot	1*TF card holder, supporting up to 1T
		Aviation Plug	Expand 1 * RS232 or 1 * DC or 1 * Ethernet port (100M) or 1 * USB 2.0

Network Communication

WWAN	2G/3G/4G/5G multi-mode, carrier aggregation (CA), 5G carrier aggregation (CA), EDGE, FDD/TDD LTE, 5G FDD/TDD, GSM, WCDMA	WIFI Bluetooth GNSS	Wi Fi 6 (a/b/g/n/ac/ax) Bluetooth 5.0 GPS L1CA+L5/Beidou B1I+B2a/Glonass L1OF/Galileo E1+E5a/QZSS L1CA+L5/NaviC
	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		

Extended Functions

Fingerprint	Domestic Public Security/Foreign FB	ID Card Identification	Optional ID card recognition module
RFID	Optional RFID/HF RFID/UHF RFID	Barcode Scanner	Optional 1D/2D barcode scanning

Power

Power Input	5V DC input, standard with 5V/2A power adapter Optional 5-24V DC power input, without built-in battery power supply	Battery Battery Life	9800mAh, 3.8V detachable lithium battery 10 hours (LCD 50% brightness, playing 1080P video)
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Environment

Drop	1.2m free fall to the wooden floor
IP Rating	Standard IP65, optional IP67
Operating Temp.	-10°C~50°C
Storage Temp.	Storage temperature: -30~70°C (excluding batteries); -20~50°C(Including batteries, needs to be charged and discharged once within 2 months of long-term storage)

Certificate

Certificate	CE、ROHS、UN38.3、MSDS、IEC62133
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Mechanical

Dimension	272*180*21mm	Weight	1.093kg
(WxHxD)	Increase the thickness of the optional UHF RFID module by 9.5mm	Color	Black

Accessory

Accessory	Hand strap, 5V/2A power adapter
Optional Accessory	Docking, Vehicle bracket, Vehicle charger, Passive touch pen, Type-C data cable, Type-C OTG cable

Product Six Views:

