TPC-GS1083T

10.1" MT6877 2.4 GHz + 2.0 GHz
Rugged handheld tablet



Features:

10.1" WXGA (1280 x 800) 450/1000 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 5.2

optional 1D/2D barcode scanning & RFID/ ID card recognition module

supports GPS/BeiDou/GLonass/Galileo

10000mAh removable high-capacity battery

standard IP65, optional IP67

Android 12

Specifications:

System

processor	MT6877,2 ARM® Cortex-A78 2.4 GHz + 6 ARM® Cortex-A55 2.0 GHz	microphone	dual microphones, waterproof
		earpiece	waterproof earpiece
Memory	6GB	Buttons	power button, volume +/-, custom button, scan button
Storage	128GB	LED indicator	charging indicator
camera	front 5MP fixed-focus camera, rear 13MP autofocus camera	Sensors	gravity sensor, gyroscope, geomagnetic sensor, proximity sensor, vibration motor, ambient-light sensor, barometric sensor
flash	supports		
speaker	dual speakers,1.2W/8Ω aluminum diaphragm, waterproof speaker		

Display

Display	10.1" TFT-LCD	touchscreen	5-point capacitive touchscreen
resolution	800*1280, optional 1200*1920(800cd/m2)	Cover glass	Third-generation Corning Gorilla Glass, Hardness 7H, Light transmission 85%
brightness	450 cd/m2, optional 1000 cd/m2 (1280*800)		

Operating system

Operating system	Android 12

I/O interfaces

POGO PIN	1*POGO PIN(USB+ charging)	LAN	1*RJ45
USB	1*USB Type C (USB OTG+ charging)	COM port	1*RS232
	1*USB 2.0,Type A	TF slot	1* TF slot, up to 128GB
Audio	3.5mm headphone jack	SIM slot	1* Micro SIM slot
DC Jack	1*DC Jack	Circular connector	customizable:1 CAN interface

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Network communications

5G	GSM:B2/B3/B5/B8 TD-SCDMA:B34/B39 WCDMA:B1/B2/B5/B8 CDMA:BC0 TDD:B34/B38/B39/B40/B41 FDD:B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28A/B28B 5G:N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79	WIFI	WIFI6 802.11(a/b/g/n/ac/ax)
		Bluetooth	Bluetooth 5.2
		GNSS	GPS/BeiDou/GLonass/Galileo

Expansion functions

RFID	optional RFID/HF RFID/UHF RFID	barcode scanning	optional 1D/2D barcode scanning, choose 1 of 2
ID card reader module	optional ID card reader module		

Power

power input	5V/3A, Level 6 energy efficiency DC connector adapter customizable: power input (DC 5~24V, without battery)	Battery	10000mAh,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.	-30°C~70°C(excluding battery)

Certifications

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

Physical

Dimensions (W x H x D)	274*181*23mm optional UHF RFID module additional thickness 9.5mm	Weight	1.25kg
		Color	Black

Accessories

Accessories	strap, 5V/3A Level 6 energy efficiency DC connector adapter
Optional accessories	charging dock, vehicle mount, vehicle charger, passive capacitive stylus, Type-C data cable, Type-C OTG cable

Six product views:

