

# TPC-GS0883T

8" MT6877 2.4GHz + 2.0GHz  
Rugged Tablet



## Features:

- 8" WXGA(800 x 1280)500/1000 nits TFT LCD
- MT6877, 2 ARM<sup>®</sup> Cortex-A78 2.4 GHz + 6 ARM<sup>®</sup> Cortex-A55 2.0 GHz
- WIFI6 802.11(a/b/g/n/ac/ax), Bluetooth 5.2
- Optional 1D/2D Barcode Scanner, NFC/RFID
- Support GPS/BeiDou/GLonass/Galileo
- Corning Gorilla Glass III, Optional AG+AF+Wet Hand/Glove
- 9800mAh large-capacity battery
- IP67 Compliant, Drop 1.2m
- Android 12

## Specifications:

### System Hardware

CPU	MT6877, 2 ARM <sup>®</sup> Cortex-A78 2.4 GHz + 6 ARM <sup>®</sup> Cortex-A55 2.0 GHz	MIC	IP67 waterproof microphone
RAM+Storage	6GB+128GB	Earpiece	IP67 waterproof earpiece
Camera	Front 5MP fixed focus camera, rear 13MP 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, 1.2W/8Ω aluminum film, IP67 waterproof speaker	Sensor	Gsensor, Gyroscope, geomagnetism, Distance sensor, Motor, Light sensor, air pressure

### Display

LCD Type	8" TFT-LCD	Luminance	500 cd/m <sup>2</sup> , Optional 1000 cd/m <sup>2</sup>
Max. Resolution	800*1280	Touchscreen	5-Points projected capacitive touchscreen, Optional AG+AF+Wet Hand/Glove
Cover Glass	Corning Gorilla Glass III, hardness 7H, light transmittance 85%		

### OS

OS	Android 12
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### I/O Interface

POGO PIN	1*POGO PIN(USB+Charging)	Audio	3.5mm Headphone Jack
USB	1*USB Type C(USB OTG+Charging) 1*USB 2.0, Type A	TF Card Slot	1*TF Card Slot (up to 128GB)
DC Jack	1*DC Jack	SIM Card Slot	1*Micro SIM Card Slot
		Aviation Plug	1-way CAN interface can be customized

## Network Communication

5G	GSM: B2/B3/B5/B8 TD-SCDMA: B34/B39	WIFI	WIFI6 802.11(a/b/g/n/ac/ax)
	WCDMA: B1/B2/B5/B8 CDMA: BC0	Bluetooth	Bluetooth 5.2
	TDD: B34/B38/B39/B40/B41	GNSS	GPS/BeiDou/GLonass/Galileo
	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/N 77/N78/N79		

## Extended Functions

NFC/RFID	Optional NFC/HF-RFID/UHF-RFID, 3 choose 1	Barcode Scanner	Optional 1D/2D barcode scanner, 2 choose 1
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## Power

Power Input	5V/3A, Level 6 Energy Efficiency DC Interface Adapter	Battery	9800mAh, 3.8V Li-Ion battery
	Customizable: power input (DC 5 ~ 24V, no battery)	Battery Life	10 hours (Play 1080P video under LCD 50% backlight)

## Environment

Drop	1.2m free fall to the wooden floor	Operating Temp.	-10°C ~ 50°C
IP Rating	IP67	Storage Temp.	-30°C ~ 70°C

## Certificate

Certificate	CE, ROHS, UN38.3, MSDS
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## Mechanical

Dimension (WxHxD)	227*142.4*22.9mm	Weight	0.80kg
	Optional UHF RFID module, thickness increases 9.5mm	Color	Black

## Accessory

Accessory	Hand strap, Type-C OTG cable, 5V/3A Level 6 Energy Efficiency DC Interface Adapter
Optional Accessory	Docking, Vehicle bracket, Vehicle charger, Passive touch pen, Type-C data cable, Vehicle charging bracket

## Product Six Views:

