

# TPC-GS1081S

10.1" Intel® Core™ i5-1135G7/i7-1165G7 Processor  
Rugged Tablet



## Features:

10.1" WXGA (1920\*1200) 750 nits IPS LCD

Intel® Core™ i5-1135G7/i7-1165G7

Processor

WIFI 802.11(a/b/g/n/ac) frequency

2.4G+5.2G dual-band WIFI, Bluetooth 5.2

Front 5MP fixed focus camera, rear 8MP autofocus camera

Optional 1D/2D barcode scanning, RFID capacitive touch screen

IP65 protection level of the whole machine, 1.2m drop protection

Windows 10/11

## Specifications:

### System Hardware

CPU	Intel® Core™ i5-1135G7/i7-1165G7	MIC	One microphone
Memory	8GB	Button	Power key, volume +/-, Home key, F 2D key , P flashlight key
Storage	128GB (optional 256GB/512GB)	LED Indicator	charging indicator
Camera	Front-facing 5MP fixed-focus camera; rear 8MP autofocus camera	Sensor	G-sensor, geomagnetic induction
Speaker	One speaker, 1.2W/8Ω aluminum film, IP67 waterproof		

### Display

LCD Type	10.1" IPS LCD	Touchscreen	5-point capacitive touch screen
Max. Resoltuion	1920*1200	Cover Glass	Corning Gorilla Glass III, hardness 7H, light transmittance 90%
Luminance	750cd/m <sup>2</sup> , TP light transmittance 90%		

### OS

OS	Windows 10 Windows 11
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### I/O Interface

POGO PIN	1*POGO PIN	LAN	1*RJ45
USB	1*USB Type C 1*USB 3.0, Type A	COM Port	1*RS232
Video	1*mini HD	SIM Card Slot	1*Micro SIM card holder
Audio	3.5mm headphone jack	TF Card Slot	1*TF card holder, maximum support 128GB
DC Jack	1*DC Jack	Aviation Plug	Expansion 1*CAN either or 1*USB

## Communication

5G	WCDMA	B1/B3/B5/B6/B8/B19	WIFI	WIFI6E, 2.4G+5G+6G
	LTE-TDD	B34/B38/B39/B40/B41/B42/B43	Bluetooth	Bluetooth 5.2
	LTE-FDD		GNSS	U-blox GPS+BeiDou+GLONASS
		B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32	4G	Optional ( Refers to 4G function, no 5G function)
		5G NR SA n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78/n79		
	5G NR NS n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78/n79			

## Extended Functions

RFID	Optional LF RFID/HF RFID/UHF RFID	Barcode	Optional 1D/2D barcode scanner
ID Card Recognition	Optional ID card recognition module	Scanner	Honeywell N3680)
Fingerprint	Optional, store 3000 fingerprint information	NFC	13.56MHz, support 14443A/14443B/15693

## Power

Battery	Main 4000mAh, 11.4V + auxiliary 2000mAh, 7.6V, support battery hot replacement	Battery Life	Main battery life 3.5 hours, Auxiliary battery 0.5 hours(Play 1080P video under LCD 100% backlight)
Power Input	19V/3.42A power adapter		

## Environment

Drop	1.2m free fall to the wooden floor	Operating Temp.	-10°C~50°C
IP Rating	IP65	Storage Temp.	-30°C~70°C (excluding batteries)

## Certificate

Certificate	CE ROHS UN38.3 MSDS IEC62133 IP Rating FCC
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## Mechanical

Dimension(WxHxD)	297.2*190.7*23.5mm	Weight	1.25kg
	Optional UHF RFID, thickness increases 9.5mm	Color	Black

## Accessory

Accessory	Hand strap, 19V/3.42A power adapter
Optional Accessory	Charging Dock, Car Mount, Car Charger, Type-C Data Cable, Capacitive Pen

## Product Six Views:

