TPC-GS1081S

10.1" Intel® Core™ i5-1135G7/i7-1165G7
Rugged mobile tablet



Features:

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

Intel® Core™ i5-1135G7/i7-1165G7 processor

WIFI 802.11(a/b/g/n/ac/ax) bands

2.4G+5G+6GHz,Bluetooth 5.3

front 5MP fixed-focus camera, rear 13MP autofocus camera

NFC, optional 1D/2D barcode scanning, RFID

capacitive touchscreen

IP65 protection for the complete unit,1.2m drop protection

Windows 10/11

supports AG+AF+ wet-hand/glove touch

Specifications:

System

processor	Intel® Core™ i5-1135G7/i7-1165G7 processor	microphone	single microphone
Memory	16GB	Buttons	power button, volume +/-, Home key, F 2D key, P flashlight key
Storage	256GB (optional 512GB/1T)	LED indicator	charging indicator
camera	Front 5MP fixed-focus camera; rear 13MP autofocus camera	Sensors	gravity sensor, geomagnetic sensor
speaker	single speaker,1W/8Ω aluminum diaphragm,IP67 waterproof		

Display

Display	10.1" IPS LCD	touchscreen	5-point capacitive touchscreen
resolution	1200*1920	Cover glass	Third-generation Corning Gorilla Glass, Hardness 7H, Light transmission 90%
brightness	Display 750cd/m2,TP Light transmission 90%		

Operating system

Operating system	Windows 10/11

I/O interfaces

POGO PIN	1*POGO PIN	LAN	1*RJ45
USB	1*USB Type C;	COM Port	1*RS232
	1*USB 3.0,Type A	SIM slot	1* Micro SIM slot
Video	1*mini HD	TF slot	1* TF slot, up to 1T
Audio	3.5mm headphone jack	Circular connector	Expansion 1*COM(RS232/485/422) or 1*USB2.0
DC Jack	1*DC Jack		

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Wireless communications

5G	WCDMA:B1/B3/B5/B6/B8/B19 LTE-TDD:B34/B38/B39/B40/B41/B42/B43 LTE-FDD:B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32 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

WIFI	WIFI6E,2.4G+5G+6G
Bluetooth	Bluetooth 5.3
GNSS	U-blox GPS+BeiDou+GLONASS+Galileo
4G	optional (4G function only, no 5G function)

Expansion functions

RFID	optional LF RFID/HF RFID/UHF RFID
ID card recognition	optional ID card recognition module
fingerprint module	Optional (public-security-standard images; 3000 fingerprints)

barcode scanning	optional 1D/2D barcode scanning (Honeywell N3680)
NFC	standard 13.56MHz, supports 14443A/14443B/15693

Power

power input	19V/3.42A power adapter
Battery	Main 4000mAh,11.4V + backup 2000mAh,7.6V, supports battery hot swapping

battery life	Main battery 3.5 hours; backup battery 0.5 hours (LCD 100% brightness, 1080P video playback)

Environment

Drop	1.2m free drop onto a wooden floor
IP rating	IP65

Operating temp.	-10°C~50°C(-30°C optional)
Storage temp.	-20°C~70°C(excluding battery)

Certifications

Certifications	CE, ROHS, UN38.3, MSDS, IEC62133, IP rating, FCC

Physical

Dimensions (W x H x D)	297.2*190.7*23.5mm optional UHF RFID module additional thickness 9.5mm

Weight	1.35kg
Color	Black

Accessories

Accessories	hand strap, 19V/3.42A power adapter
Optional accessories	charging dock, Type-C data cable, capacitive stylus

Six product views:

