

# TPC-GS1081

10.1" Intel® Cherry Trail Quad-core Z8350  
Rugged Tablet



## Features:

- 10.1" WXGA(1280x800)450/1000 nits TFT LCD
- Intel® Cherry Trail Quad-core Z8350
- WiFi 802.11a/b/g/n/ac, Bluetooth 4.0, LTE, GPS + Glonass
- 2MP Front and 5MP Rear Camera
- 2D Barcode Scanner & NFC/RFID/ID card
- Five-point PCAP touchscreen, Optional AG+AF
- RS-232 COM Port + 10/100/1000 GbE RJ45
- Built-in 10000mAh removable battery
- IP67 Compliant, Drop 1.2m
- Windows 10 pro/home/IOT optional



## Specifications:

### System Hardware

CPU	Intel® Cherry Trail Quad-core Z8350 1.44GHZ~1.92GHZ	MIC	Dual MIC
Memory	4GB	Button	Power button, Volume +/-, Barcode scanner shortcut key
Storage	64GB	LED Indicator	Charging indicator
Camera	2MP front camera with fixed focus 5MP rear camera with auto focus	Sensor	G-sensor
Speaker	Dual speaker, 1.2W/8Ω		

### Display

LCD Type	10.1" TFT-LCD	Luminance	450 cd/m <sup>2</sup> , Optional 1000 cd/m <sup>2</sup> (1280*800)
Max. Resoltuion	1280*800, Optional 1920*1200 800cd/m <sup>2</sup>	Touchscreen	Five-point capacitive touchscreen, up to ten-point; AG+AF coating optional
Cover Glass	Corning Gorilla Glass III, hardness 7H, light transmittance 85%		

### OS

OS	Windows 10 pro/home/IOT optional
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### I/O Interface

POGO PIN	1*POGO PIN(USB+Charging)	LAN	1*RJ45
USB	1*USB Type C(USB OTG+Charging) 1*USB 2.0, TYPE A	COM Port	1*RS-232
Video	1*mini HD	SIM Card Slot	1*Micro SIM Card Slot
Audio	3.5mm Headphone Jack	TF Card Slot	1*TF Card Slot, up to 256GB
DC Jack	1*DC Jack	Aviation Plug	Expansion 1*CAN

## Communication

WWAN	EC-25EC (Europe/Middle East/ Africa/Korea/Thailand)	WIFI	802.11a/b/g/n/ac, 2.4G+5.2G Dual-band WIFI
	LTE FDD: B1/B3/B7/B8/B20/B28A	Bluetooth	Bluetooth 4.0 (BLE)
	WCDMA: B1/B8	GNSS	U-blox GPS+BeiDou+GLONASS
	GSM: B3/B8		

## Extended Functions

NFC	Optional, 13.56MHz, support 14443A/14443B/15693	ID Card Recognition	Optional ID card recognition module
RFID	Optional RFID/HF RFID/UHF RFID	Barcode Scanner	Optional 1D/2D barcode scanner, 2 choose 1

## Power

Power Input	5V DC Input, 5V/3A power adapter	Battery Life	8 hours (Play 1080P video under LCD 50% backlight)
Battery	10000mAh, removable 3.8V Li-Ion battery		

## 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, IEC62133
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## Mechanical

Dimension(W x H x D)	274*181*23mm	Weight	1.25kg
	Optional UHF RFID module, thickness increases 9.5mm	Color	Black

## Accessory

Accessory	Hand strap, 5V/3A power adapter
Optional Accessory	Office docking, Vehicle stand, Vehicle charger, Passive touch pen, Type-C data cable, Type-C OTG cable, USB-DC cable

## Product Six Views:

