

# TPC-1082A

## 10.1inch Rugged Tablet PC



### Features

- Intel 7<sup>th</sup> Generation Core Processor
- 10.1" HD high-brightness, multi-touch, Gorilla Glass Panel
- Built-in 4G LTE, WLAN (802.11 a/b/g/n/ac), BT4.0, and GPS modules with Beidou/GLONASS support
- Low power consumption
- Front Panel IP65 Level
- Supports Win 7/ Win 8/ Win 10/ Linux OS



### Specifications

<b>Processor</b>	CPU	Intel® i3-7100U Dual Core up to 2.40 GHz 3M Cache, TDP 15W Intel® i5-7200U Dual Core up to 3.10 GHz 3M Cache, TDP 15W Intel® i7-7500U Dual Core up to 3.50 GHz 4M Cache, TDP 15W
	Cooling System	Fan cooling
	Memory	1x DDR4 2133Mhz SO-DIMM Sockets, up to 16GB
	Storage	mSATA SSD
	I/O ports	USB: 2xUSB3.0(Type-A)
		2xRJ45 LAN
		BT 4.0/WIFI
HDMI (3840*2160 @30Hz)		
Expansion	Speaker	
Expansion	GPS/COMPASS/RS232	
<b>Power</b>	Input Voltage	19V DC (2 Pin Aviation Connector)
<b>LCD Display</b>	Display Type:	10.1inch TFT LED Panel( LED Backlight)
	Max. Resolution:	1280x800
	Luminance(cd/m <sup>2</sup> )	400nits
	Backlight Lifetime	30,000hrs (typical)
<b>Touchscreen</b>	Touch Type	Projected Capacitive Touch, 2-10 Touch Points
	Touch Controller	USB
	Durability(Touches)	36 million
<b>Battery</b>	Battery	Li-ion Battery: 5000mAh, 4 Working Hours
<b>OS Support</b>	OS Support	Microsoft Windows 7/ Windows 8/ Windows 10/ Linux
<b>Environment</b>	Operating Temperature	0°C ~ 50°C(32~ 122 °F)(extend temperature optional)
	Storage Temperature	-10°C ~ 60°C(14 ~ 140 °F) (extend temperature optional)

	Camera	Front 2M pixel / Back 5M pixel with flash
	Anti-shock	10g Acceleration, 11ms Duration
	Anti-vibration	5-19Hz/1.0mm Amplitude; 19-200Hz/1.0g Acceleration
	Anti-fall	1.2M
	Reliability	MTBF≥50000h; MTTR≤0.5h
	Operating Humidity	95% @40°C (104°F), non-condensing
	Front Panel Protection	IP65 compliant
<b>Mechanical</b>	Dimensions	278(W)*198(D)*30(H)mm
	Weight	1.5kg(3.31lb) (NW/GW)
	Color	Black
	Material	High Strength Plastic, TPU Corner Guard



10.1" LED Panel, Multi Touch, 2-10 touch points

Intel® i3-7100U Dual Core up to 2.40 GHz  
Intel® i5-7200U Dual Core up to 3.10 GHz  
Intel® i7-7500U Dual Core up to 3.50 GHz



Built-in 4G LTE, WLAN (802.11 a/b/g/n/ac), BT4.0, and GPS

2M pixel

19V DC  
TF CARD  
SIM CARD





Packing List	Ordering Information
1x TPC-1082A	TPC-1082A-1: i3-7100U Version
1x Hand Strap	TPC-1082A-2: i5-7200U Version
1x Power Adapter	TPC-1082A-2: i7-7500U Version
Operating Systems	
WIN7 32bit 64bit ENG/	WIN10 32bit 64bit ENG/
WIN8 32bit 64bit ENG/	<b>Ps:</b> Default BIOS supports WIN7 32bit 64bit OS, WIN 8 & WIN 10 needs update BIOS.