

# UT50

## 10" Rugged Windows Tablet

IP68 certified, UT50 is designed for anyone who works in harsh environments. The 10-inch screen and powerful CPU makes it suitable for outdoor work. The rich extension interface also provides user with possibility to customize it.



### High Performance CPU

Equipped with Intel i5 processor and Windows 10 system, UT50 brings with smooth experience. The cooling system keeps the temperature in a reasonable range.

### High Resolution Screen

The 10-inch screen with 1280 x 800 resolution makes UT50 a high-fidelity device. 550-nits brightness makes it Sunlight viewable.

### Support high-precision Pen

With the pen coming with UT50, user can focus on the target precisely. It is important for some applications such as CAD drawing.

### Long-time Operation

The rechargeable and replaceable battery ensures long time operation up to 8 hours. The hot-swap function never interrupt work when change battery.

### Large Memory Storage

UT50 has 128 GB internal storage to support large data access. It also supports SD card expansion.

### Powerful Extension Function

The pogo pin makes UT50 a powerful device for different kinds of applications. It is able to connect to external modules as you want.

### Rugged Design

UT50 is IP68 certified as a rugged device. It survives a 1.5 m drop on concrete floor and passes the MIL-STD-810F, MIL-STD-461F certifications.

# Product Specification

System		Battery	
Processor	Intel(R) Core(TM) i5-6200 2.3 GHz up to 2.8 GHz	Hot swap	Rechargeable and replaceable Lithium-ion battery, 11.4 V, 2850 mAh *2
OS	Windows 10 Enterprise 64bit	Working	Yes
RAM	8 GB	Charge	4-8 hours <sup>1</sup>
ROM	128 GB SSD	Safety Lock	4 hours
<b>Screen</b>		With battery safety lock	
Screen Size	10.1"	<b>Sensor</b>	
Resolution	1280 x 800	NFC	Yes
Density	160 dpi	Speaker	Yes
Brightness	550 nits	Fingerprint	Yes
Touch Panel	Capacitive	Microphone	Yes
Pen	Electromagnetic pen	Hall	Yes
<b>Camera</b>		Light	Yes
Rear	8 MP	Proximity	Yes
Front	2 MP	Magnetometer	Yes
Flash Light	Support	Gyroscope	Yes
Auto Focus	Support	Accelerometer	Yes
<b>GNSS</b>		<b>Physical</b>	
Channels	72, U-blox M8N, L1	Dimension	294 x 198 x 21.5 mm
Tracking	GPS, BDS, GLONASS	Weight	1.63 kg with battery 1.292 kg Without battery
SBAS	Support	Operating Temperature	-20°C ~ +60°C
Accuracy	Single: 1 ~ 3 m SBAS: 0.6 m	Storage Temperature	-40°C ~ +70°C
External Antenna	Support	Water/Dust Proof	IP68
<b>Communication</b>		MIL-STD	MIL-STD-810G MIL-STD-461F
GSM	GSM/WCDMA/LTE 1 x Nano SIM	Shock	Survive a 1.5 m drop on concrete floor
WIFI	802.11 a/b/g/n/ac	Humidity	95%
Bluetooth	4.2 with BLE	Buttons	Power, volume +/-, home, light, 2 x FN
SD Card	Support Micro SD card, up to 128 GB	Others	1 x DC in
USB	1 x USB 2.0 1 x USB 3.0		1 x 3.5mm Audio Jack
Pogo pin	12 pins		1 x HDMI Type-A
			1 x 35-pin docking connector
<b>Power Supply</b>		Certificate	1 x WIFI antenna port 1 x GNSS antenna port 1 x RJ45 ethernet 1 x Kensington Lock FCC, IC, CE, RoHS, REACH, WEEE, RCM

1. The actually working time depends on the temperature and the running software.



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