

UT50

10" Rugged Windows Tablet

IP68 certificated, 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 certificated 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 ¹
ROM	128 GB SSD	Safety Lock	4 hours
Screen		With battery safety lock	
Screen Size	10.1"	Sensor	
Resolution	1280 x 800	NFC(Optional)	Yes
Density	160 dpi	Speaker	Yes
Brightness	550 nits	Fingerprint	Yes
Touch Panel	Capacitive	Microphone	Yes
Pen	Electromagnetic pen	Hall	Yes
Camera		Light	Yes
Rear	8 MP	Proximity	Yes
Front	2 MP	Magnetometer	Yes
Flash Light	Support	Gyroscope	Yes
Auto Focus	Support	Accelerometer	Yes
GNSS		Physical	
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
Communication		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
Power Supply		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 working time depends on the temperature and the running software.



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