



UT12

Ruggedized Mobile Solutions

The UT12 is equipped with a 6-inch retina display and the 8-core 2.2GHz CPU, provides a new experience for the industry users, faster running speed, more memory, longer battery life and better operating system. The pace of our exploration of technology will never stop, and the years of industry focus will provide you with better products.



Well design, excellent performance

Using Qualcomm MSM8953, 8-core 2.2GHz frequency, powerful performance, faster operation

Huge internal storage, expandable up to 128GB

4G RAM +32G memory, support for maximum 128GB memory card expansion. Large memory ensures smooth operation of the device, satellite imagery, vector graphics, photos, and videos can be loaded into the device.

8000mAh removable battery, long battery life

In the 6-inch size, the removable 8000mAh large-capacity battery allows you to have a better grip and easy to handle a high-intensity operation throughout the day, saying goodbye to the lack of electricity during work.

Dual SIM card, built-in 4G network module

Dual SIM card slot design, support 2/3/4G network, support diversity reception, dual carrier aggregation and VoLTE voice call.

Air pressure sensor

The G-sensor air pressure sensor is equipped with a patented algorithm, the elevation measurement error is better than 3m, and the elevation measurement accuracy is more guaranteed.

6-inch screen, sunlight readable

Full HD 6-inch 1080P retina sunlight visual screen, ultra-sensitive touch, support wet gloves mode to meet the needs of industry users.

High-powered loudspeaker

High-powered loudspeaker, with professional noise-canceling microphones, you can make easy conversations and intercoms even in the noisy environments.

Full constellation satellite signal reception, high precision

Adopt professional GNSS chip, support BDS, GPS, GLONASS full constellation satellite reception, support SBAS differential, accurate and reliable positioning accuracy.

High-speed data transmission

The device supports USB3.0 data transmission, and the transmission speed is 10 times higher than traditional USB2.0. The Type-C interface can be used for plug and deplug in both directions.

Product Specification

Physical		Connectivity	
Model	UT12	Cellular	TDD/FDD/WCDMA/TD/CDMA/GSM
	6.0" Rugged Phone		Dual SIM (Nano)
Processor	Qualcomm® MSM8953	Wireless LAN	Wi-Fi™ 802.11 a/b/g/n/ac
	Octa-Core 2.2GHZ	LAN	-
Operating System	Android™ 8.0	Bluetooth	4.1
Memory	4GB RAM	NFC	Yes
Storage	32GB Internal Storage	Power	
MicroSD Slot	Yes	Battery	8000mAh
Dimensions Resolution	6.0"	Technology	Qualcomm® Quick Charge™ 3.0
	1080x1920	Security	
Display	Sunlight-Viewable	Security Features	-
	Capacitive Touch Panel	Body	
Camera		Dimensions & Height	Size: 191.6mm x 91mm x 14.5mm
Rear	13MP		(16mm height including corner protection)
Front	5MP	Weight	377g with battery
Sensors		Rugged Features	
GNSS	72 ch u-blox M8N L1 GPS	IP Rating	IP68
	GLONASS/BeiDou/Galileo	Drop Tested	1.5m drop resistant
Accelerometer	Yes	MIL-STD	MIL-STD-810G
Ambient Light	Yes	Environmental Specification	
Proximity	Yes	Operating Temperature	-20°C ~ 55°C
Gyroscope	Yes	Storage Temperature	-40°C ~ 65°C
Compass	Yes	Certifications	
Barometer	Yes	Certificates	FCC, IC, CE, RoHS, REACH, WEEE
Hall	No		
Fingerprint	No		
Interfaces			
I/O Ports	Type-C USB3.0/OTG		
	Headphone: Type-C		
	I/O Expansion - Pogo 14-pin x 1		



Forest it Design

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC:s, measurement instruments and GPS/GNSS solutions. The company has offices in Sweden, UK, Germany and Finland.

Sweden

+46 (0) 370 69 08 10
mail@forest-it.se

UK

+44 (0) 127 328 6561
mail@forest-it.com

Germany

+49 (0) 6081 5769980
mail@forest-it.de

Finland

+358 (0) 40 197 0259
mail@forest-it.fi