TB85

Scalable and rugged mobility

Looking for a rugged and reliable tablet with endless possibilities? The Unitech TB85 is designed to meet those needs!

Scalability at its finest

Unitech proudly introduces the new standard in rugged, enterprise level tablets. Our TB85 features a durable design, combined with a strong interior and multiple additional extras. Our TB85 is equipped with a 14-pin POGO connection on the back for modules such as scanning or any other bespoke module. A scanning module can be easily connected to make the TB85 an even more complete device.

Strong on the inside

The TB85 does not only feature a sturdy outside design, the inside of our new tablet is also quite impressive. Featuring the latest Android 8.0, GMS certified, combined with a 2.2 Ghz Octa-core processor, no task is to serious for the TB85.

With 32GB of internal storage and 4 GB of DDR3 memory, you can be assured that there will always be some space left available for you to save your latest work.
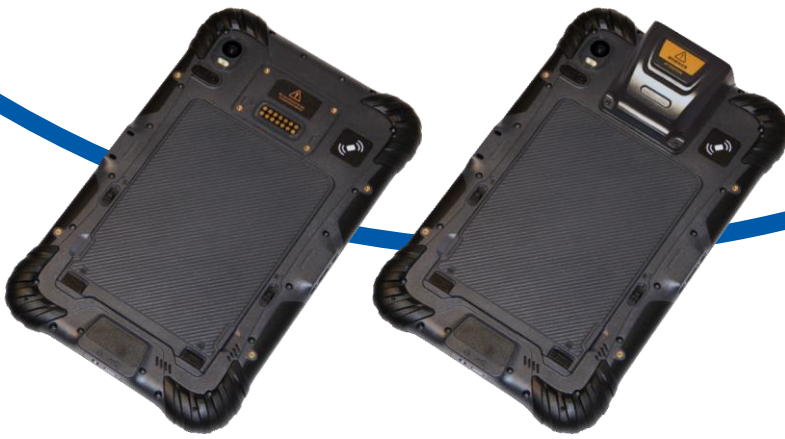
Stay connected

The combined strength of a rugged exterior with a superior interior is complimented by excellent connectivity. Equipped with NFC compatibility (frequency 13.56 Mhz at 0 ~ 3 cm), WiFi 802.11 a/b/g/n/ac connection and 4G/LTE you are always connected and available. Next to this, the TB85 comes with Bluetooth 4.1 to communicate with other Unitech devices such as our RP100 RFID reader and MS652 ring scanner.

The TB85 features an 8" LCD touch screen with the ability to work while wearing gloves and is wet resistant. Also, the TB85 is extra durable thanks to its 8200 mAh chargeable battery which, if power runs out, is changeable as well. And even with battery, the device only weighs 650 grams, including the battery. This way, your business never has to wait.

Features

- Android 8.0 GMS with Octa-core CPU.
- POGO Pin extension with QC3.0 (Quick-charging).
- 14-pin POGO extension for modules.
- 8200 mAh changeable Li-ION battery.
- 32 GB eMMC + 4 GB DDR3 memory.
- 4G/LTE, WLAN 80211 a/b/g/n/ac, BT 4.1 and NFC.
- 8" display with Gorilla Glass 3 and GFF touch panel.
- IP67 rated with 1.2 meter to marble drop spec.

Operation System

CPU	Qualcomm MSM8953 PRO Octa core 2.2GH Processor
Memory	32GB eMMC+4GB DDR3
OS	Android 8.0 GMS certified

Display

8 inch display, 1280x800, Sunlight Readable, Touch panel GGF, Gorilla Glass 3, Support glove peration depending on actual material and thickness

Keypad

8 function keys	Power key, Volume Up, Volume Down, Return key, Home key, Menu key, 2 custome keys
Keypad light	Support

Cámara/Fotos/Video

Rear	13MP with auto focus
Front	5 MP
Flash lights	Double lights

Interface for module

Comunicación

SD	1x Micro SD
SIM	1x Nano SIM
Sensors	Ambient light sensor with 1R
	Hall sensor support for accessory
	Acceleration sensor
	Atmosphere pressure sensor
GPS/Beidou	Compass support, Embedded antenna, Supports external antenna as well
RFID (NFC)	Frequency 13.56MHz 0~3 cm
WLAN	WiFi/BT and NFC
WiFi	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.1
WWAN	GSM 850/900/1800/1900
	TD-SCDMA B34, 39
	WCDMA B1, 2, 5, 8
	CDMA/EVDO BC0
	LTE-TDD B38, 39, 40, 41
	LTE-FCC B1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 20, 25, 28
CA	UL Intra-C Band 39, 40, 41
	DL Intra-C Band 3, 39, 40, 41
	DL Inter Band 1+3, Band 39+41

Audio

Audio PA	High sound quality audio PA
Audio Jack	3.5 mm earphone jack

Power Source

Battery	POGO Pin extension, quick charge QC3.0
RTC-battery	
Charging time	Fully charged less than 4 hours

Battery Approvals

UN 38.3, MSDS, IEC 62133, UL

Dimensions

Dimensions	241.92 x 151.99 x 17.76 mm
Weight	620 g (included battery)

Environmental

Operating temperature	-20°C a 60°C
Storage temperature	-40°C a 70°C
Relative Humidity	5% ~ 95% (non-condensing)
EDS	Contact discharge 6KV, Air discharge 8KV
Drop Specification	1.2 m to marble
Ingress Protection	IP67

Software

Airwatch, SOTI, MoboLink, 12 Solutions

Safety and Warranty

One year warranty
CE/RED
MIL-STD-810G
RoHS
GMS

unitech

http://latin.ute.com