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.
- POP Pin extension with QC3.0 (Quick-charging).
- 14-pin POP 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.

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THE BARCODE CONNECTION

► Basic characteristics

Dimensions	241.92 x 151.99 x 17.76 mm
Weight	630 g (including battery)
Battery	8200 mAh rechargeble Li-ion battery
	POP Pin extention, quick charge QC3.0

► Operation System

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

► Display

8 inch display, 1280 x 800 Sunlight Readable
Touch panel GFF, Corilla Glass 3, Support glove operation*
*Depending on actual material & thickness

► Keypad

8 function keys	Power key, volume up, volume down,
	return key, home key, menu key,
	2* custom keys
Keypad light	Support

► Interface for module

► Camera

Rear	13 mp with auto focus
Font	5 mp
Flash lights	Double lights

► Communication

SD	1x Micro SD
SIM	1x Nano SIM
Sensors	Ambinent 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 0~3cm
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-FDD	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

RTC-battery	
Charging time	Fully chareged less than 4 hours

► Battery Approvals

UN 38.3, MSDS, IEC 62133, UL

► Environmental

Operating temperature	-20°C to 60 °C
Storage temperature	-40°C to 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

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