TB85
Scalable and rugged mobility

unitech has announced it's the most flexible Android rugged tablet-TB85. The TB85 features an 8″ LCD touch screen with the ability to work while wearing gloves and is wet resistant. With an attractive, slim case for easy portability, and fortified with a tough outer casing and environmental seal, this workhorse doesn't cut corners on durability or form factor.

Powerful Android 8.0 OS + GMS

Intuitive usability combines with the most up-to-date Android experience and Google Mobile Services (GMS). Experience the newest improvements and bug fixes from the Android 8.0 operating system as well as the reliable backing of GMS and Google Enterprise Device certified. With all the features of Google Maps, Gmail, Photos, Drive and Play Store, your abilities on the TB85 smart device are practically limitless.

14-Pin Modular Extensions

The TB85 tablet is an extremely scalable product as the 14-pin POGO connector allows you to add devices that optimize your business and workflow. Insert a magnetic stripe reader for efficient check-out with credit and debit cards in retail or swap out the 2D scanner for a 1D scanner for easy inventory and asset tracking. The TB85's interchangeability makes this a truly versatile device.

Stay connected

The combined strength of a rugged exterior with a superior interior is complimented by excellent connectivity. Equipped with NFC compatibility, WiFi 802.11 a/b/g/n/ac connection and 4G/LTE you are always connected and available.
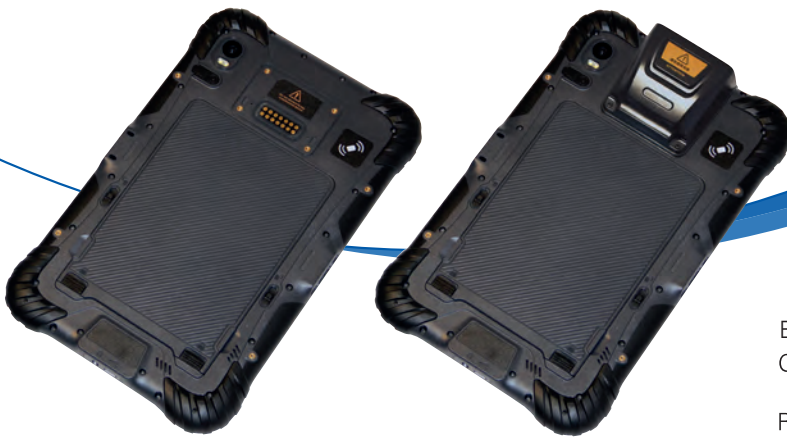
Durable Design

Engineered to perform in any environment, TB85 is rugged enough to drop from the 1.2 meters onto concrete. Moreover, it has IP67 certification, completely sealing durable housing against dust and moisture to withstand water jets. It not only that, but this device meets sturdy MIL-STD-810G military standard, boasting shock resistance, anti-vibration. TB85 also has a removable battery to keep tablet going longer, it brings a new level of industrial tablet with high reliability for business applications and field service.

Features

- 8″ display with Gorilla Glass 3 and GFF touch panel
- Android 8.0 OS with GMS, Google Enterprise Device certified
- Flexible design: 14-pin POGO extension for modules
- POGO Pin extension with QC3.0 (Quick-charging)
- Swappable Battery: 8200mAh Li-Polymer battery pack
- 4G/LTE, WLAN 80211 a/b/g/n/ac, and NFC
- Ultra-Rugged Construction: IP67 rated, 1.2M drop and MIL-STD-810G certified

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TB85
Specifications

Bluetooth® Bluetooth® 4.2 + BR/EDR + BLE
GPS/Beidou Compass support, Embedded antenna, Supports external antenna as well
RFID (NFC) Frequency 13.56MHz 0~3cm
WLAN 802.11 a/b/g/n/ac

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

► Basic characteristics
Dimensions 241.92 x 151.99 x 17.76 mm
Weight 630 g (including battery)
Battery 8200 mAh rechargeble Li-ion battery
POGO 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
Google Enterprise Device 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

► 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

► 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

► Warranty
One year warranty

► Regulatory Approvals
GMS, CE, RED, FCC, BSMI, NCC, RoHS, MIL-STD-810G

► Accessories
2D / 1D barcode scan module with triggers
Ethernet Charging Cradle Docking

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