

ALL YOUR
DATA COLLECTION
AND WORK DEVICE
NEEDS IN ONE SLIM
BODY.



TB85

Rugged 8" Android Tablet

Form doesn't have to be sacrificed for function when it comes to a rugged enterprise tablet. The elegantly designed Unitech TB85 offers everything you need to power your business. With a host of accompaniments like Android 8.0 OS, POGO pin charging, and 8-inch Gorilla Glass 3 display, the TB85 changes the data collection rules.

Take your business everywhere you go with the TB85. With the inclusion of Google Mobile Services (GMS), you can download apps to boost work capabilities whether in the office or on the field.

Main Features:

- 8-inch touch screen color display
- Android 8.0 operating system + GMS
- 2.3Ghz Octa-Core processor
- 14-pin modular extensions
- 1-year warranty
- 8200mAh changeable Li-ION battery
- 32 GB eMMC + 4 GB DDR3 memory
- IP67 rated and 4-foot drop spec

SPECIFICATIONS

System Features

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, Gorilla Glass 3, supports gloved operation (Depending on actual material & thickness)
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Keypad

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

Camera

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

Audio

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

Power Source

RTC-battery	Fully charged less than 4 hours
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Enclosure

Dimension	9.5 x 5.98 x 0.7 in (241.92 x 151.99 x 17.76 mm)
Weight	1.4 lbs (630 g) (including battery)
Battery	8200 mAh rechargeable Li-ion battery POGO Pin extension, quick charge QC3.0

Communication

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 0~3cm
WLAN	WiFi/BT and NFC
WiFi	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.1

Safety & Warranty

RTC-battery	One year warranty CE/RED MIL-STD-810G RoHS GMS
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Android 8.0 + GMS

Work faster. Surf faster. The TB85's Android 8 OS is equipped to handle all your task-heavy requirements.



14-Pin POGO Extension

Add a scanning module or other compatible 14-pin device to customize your work-style.



8-Inch Display

Plenty of room to roam with TB85's spacious display. A crystal LCD screen shows off in full color HD.



AT&T and T-Mobile 4G LTE

Make calls and communicate on the largest, most reliable networks in the U.S.



AT&T

T-Mobile

User Environment

Operating temperature	-4°F to 140°F (-20°C to 60 °C)
Storage temperature	-40°F to 158°F (-40°C to 70 °C)
Relative humidity	5% ~ 95% (non-condensing)
EDS	Contact discharge 6KV, Air discharge 8KV
Drop Test	4 feet (1.2 m) on hard surfaces
Environmental Seal	IP67

Battery Approvals

UN 38.3, MSDS, IEC 62133, UL

Software

Airwatch, SOTI, Mobolink, 12 Solutions

A Tough,
Hard-Working
Tablet with
Style

WARRANTY COVERAGE

As your global technology partner, Unitech is committed to your success and satisfaction throughout the lifetime of the project.

While we take pride in delivering quality products, we understand that inclusive coverage is a key component to a total solution.



COMPREHENSIVE COVERAGE

Unitech provides bumper-to-bumper coverage for your mobile devices. Unitech products are designed for rugged use; however, constant wear and tear will result in maintenance and repair.

Abuse or occasional mishaps are to be expected. The Unitech protection program covers device defects, failures, and batteries, as well as accidental damage to the scanner's outer housing and internal components. The only thing not covered is damage sustained from fire or water submersion.

Our comprehensive coverage provides a worry-free service solution while helping you manage costs and minimize total cost of ownership. Eliminate the incidental out-of-warranty repairs that negatively impact operating budgets, and enjoy complete coverage at a fixed cost.

EXPEDITED REPAIR

Unitech Protection Plus offers 48-hour in depot turnaround to minimize downtime and keep critical systems up and running.

Should a problem arise with any supported hardware, Unitech will repair or replace the device within the committed window on your service level agreement, and provide free return shipping via FedEx 2-Day (excluding Canada) or 5-Day delivery to anywhere in North America.

Unitech also provides a complete diagnostic on all serviced devices. We don't simply address necessary repairs, we conduct a total device check-up: all equipment is thoroughly cleaned, worn components are replaced and the unit is restored to factory standards.

Coverage	Standard Warranty	Comprehensive Warranty
Manufacturer defects	•	•
Covers normal wear and use		•
Covers accidental breakage		•
Includes all materials, parts, and labor	•	•
Multi-year discount		•
48 hour repair turnaround (Free 2-Day Return Shipping) (Excluding Canada)		•
5-day repair turnaround (Free Ground Return Shipping)	•	•
Covers cables, power supplies, and batteries	•	•

TB85 ACCESSORIES

Complement your TB85 tablet with accessories to fortify your work processes. Unitech's complete offerings keep your device running full-speed ahead.

Ruggedized and sturdy, Unitech accessories are as rigorously tested as our devices. Stock up on charging cradles for faster, more reliable power-ups, extra cables, and battery packs for all-day device usage.



TB85-QALFUMDG

TB85 Rugged Tablet, 2D Imager, Android 8.0, 8 Inch Screen, 4G LTE, Camera, NFC, 2.4GHz Wireless, WiFi, Battery and Power Adapter (non scanner version available)



5500-100003G

TB85 Ethernet Cradle



4080-085001G

2D Scan Engine with Physical Scan Trigger for TB85



AH3220UA

360 Degree Rotatable Hand Strap for TB85



5100-085001G

8200mAH Battery Pack



1550-085001G

Type C Cable

PAIR WITH THE TB85



MS650

1D Bluetooth Ring Scanner



MS652

2D Bluetooth Ring Scanner

unitech

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UNITECH SOFTWARE

PAIR YOUR UNITECH DEVICES WITH UNITECH SOFTWARE FOR SEAMLESS DEVICE OPERATION. WE OFFER AN ARRAY OF APPS TO POWER YOUR MOBILE COMPUTERS AND TABLETS LIKE MOBILE DEVICE MANAGEMENT, DEVICE STAGING TOOLS, OR FUNCTIONS LIKE ADDING PROGRAMMABLE KEYS, ADDING AN ON SCREEN SCANNER BUTTON TO YOUR DEVICE SCREEN, OR LOGGING DEVICE ACTIVITY.



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Configure multiple Unitech devices at the same time. Just enter your desired settings, scan the program's generated barcodes, and go! Save time and costly errors by avoiding manually configuring and setting up devices one by one.



Lock, install, and run the applications needed for your Unitech device.

With eLauncher software, users can lock selected apps, restricting access to only the programs needed. Users can also install and run specified programs on startup.



Let your Unitech device find the best WiFi signal near you.

Never fear dropped signals with uRoam. Set up your Unitech device to pick the strongest WiFi signal in your area with this helpful application. Browse the Internet and use WiFi accessible applications anywhere.