

# TB162 WINDOWS 10 IoT TABLET

## 10.1" heavy duty enterprise tablet



- 10.1" 1920 x 1200 470 NITS
- WINDOWS 10 IOT Enterprise
- WI-FI 2x2 MIMO
- BATTERY 10800mAh
- HOT SWAPPABLE
- POGO PIN DOCKING
- BLUETOOTH 4.1
- OPTIONAL 4G LTE
- OPTIONAL 2D IMAGER
- OPTIONAL NFC READER

The Unitech 10.1" TB162 offers the **perfect balance** between **versatility, usability, performance & strength** to survive in an industrial environment.

An integrated Intel® Atom™ 2.4GHz quad-core processor with 8GB RAM and 128GB Flash provides the necessary performance to run multimedia applications smoothly and without interference. The high brightness sunlight readable display (450 nits) has a screen size of 10.1 inches.

Featuring a powerful battery of 10800mAh nothing stands in the way of a successful full shift working day. Combined with a hot-swappable design, the battery can be exchanged without much effort minimizing its downtime.

The TB162 supports 2x2 MIMO and is equipped with multiple I/O ports such as: RJ45 10/100 Ethernet Port, USB 2.0 port, USB3.0 port, SIM card reader, micro SDXC card reader, micro HDMI, 3.5mm Audio jack, replaceable DC jack and docking connector.

In order to meet specific requirements, the TB162 will be available with or without 2D imager and 4G/LTE module and offers a wide variety of accessories to fit different environments.

Complementary to its flexibility, the TB162 is primarily a rugged tablet with MIL-STD-810G certification and IP65. It can withstand drops from 1.5 meters height and is the perfect solution when operating in harsh environments. In addition, the TB162 provides a higher level of security by supporting TPM (Trusted Platform Module) 2.0.



### Version with 2D imager

The TB162 comes in four different versions: with or without full band 4G/LTE and/or with or without a 2D imager built in. The powerful (Honeywell N3680) 1D/2D imager able to capture all major barcodes, even if displayed on screens.



### Optional snap-on HF/NFC reader

Users can easily add a RFID/NFC reader module that snaps on to the TB162 tablet. This accessory can read and write multiple tags (NFCIP-1 / NFCIP-2) simultaneously.



### Optional desktop cradle\*

The TB162 desktop cradle is the ultimate office docking station providing a wide range of interfaces such as: display Port, HDMI, VGA (D-sub), LAN, audio (mic-in and line-out), 2x RS232 and 2x USB 2.0 (type A).



### Optional vehicle cradle\*

The TB162 vehicle cradle is the ultimate forklift, for warehouse applications, or vehicle solution. The vehicle docking station also provides a wide range of interfaces such as: display Port HDMI, VGA (D-sub), LAN, audio (mic-in and line-out), 2x RS232 and 2x USB 2.0 (type A).

(\*Tablet not included)



# EN Version 1.0 TB162 Specifications



## Operation System

CPU 2.4G, Intel® Atom™ X5-Z8550  
Quad Core Processor

Memory 8GB RAM  
128GB Flash

OS Windows 10 IOT Enterprise  Windows 10

Others TPM (Trusted Platform Module) 2.0 support

## Display

10.1" (1920 x 1200) WUXGA color screen with Backlight 470 nits  
10-point multi-touch and capacitive stylus, support glove mode and wet-touch mode

## Camera/Photos/Video

8MP rear camera with LED flash and auto-focus function

## Indicator

LEDs, Vibrator

## Data capture 2D Imager (optional version)

2D imager (Honeywell N3680)

**Linear:** Codabar, Code 11, Code 128, Code 2 of 5, Code 39, Code 93 and 93i, EAN/JAN-13, EAN/JAN 8, IATA Code 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI, GS1 DataBar, UPC-A, UPC-E, UPC-A/EAN-13 with Extended Coupon Code, Coupon GS1 Code 32 (PARAF), EAN-UCC Emulation

**2D Stacked:** Codablock A, Codablock F, PDF417, MicroPDF417

**2D Matrix:** Aztec Code, Data Matrix, MaxiCode, QR Code, Chinese Sensible (Han Xin) Code

**Postal:** Australian Post, British Post, Canadian Post, China Post, Japanese Post, Korea post, Netherlands Post, Planet Code, Postnet.

## HF/NFC

(optional accessory) Snap-on NFC Reader  
Frequency 13.56Mhz  
Support: ISO14443A/B, ISO15693 standard

## Communication

Camera 2MP front camera  
8MP rear camera, AF with LED flash

Bluetooth® Bluetooth® 4.1

WLAN 802.11 a/b/g/n/ac (2X2 MIMO)

WWAN 4G LTE Full Band (optional version)

Sensors Light, G-Sensor, Gyroscope and eCompass

## I/O Interfaces

USB Full size USB 3.0 x1  
Full size USB 2.0 x1"

POGO PIN POGO pin

SIM Slot SIM Card Reader

Expansion Slot Docking connector  
RJ45 10/100 **Ethernet Port**  
Replaceable DC jack  
Micro HDMI  
Micro SDXC Card Reader

Audio 3.5mm Audio jack

## Enclosure

Dimensions 283.4 mmx 192mm x 21.9mm

Weight 1200g

## Environmental

Operating temp. -10°C~50°C

Drop specification 1.5m

Sealing IP65

Vibration and Shock test MIL-STD 810G, shock & vibration

## Power Source

Main battery Hot-Swappable and rechargeable 3.7V,  
10800mAh 40Wh battery

## Inside the Box

TB162  
Battery pack  
Power Adaptor (AC/DC adapter and AC power cord(US)

## Accessories

3-Pin EU power cord 1.1M  
3-Pin UK power cord 1.1M  
Standard 3.7V 10.800mAh battery  
4-Bay battery charger\*



(\*Batteries not included)

Snap-on NFC Reader  
X-strap (Hand strap) with stylus holder  
Capacitive stylus pen  
Desktop docking/cradle.  
Vehicle docking/cradle.  
AC Adapter 65W (19V / 3.42A) for vehicle cradle  
Vehicle cradle screw-mount kit  
Vehicle cradle suction-mount kit  
Vehicle cradle heavy duty suction mount