



# TB160

## Windows 10 Rugged Tablet

unitech has unveiled a new Windows 10 rugged tablet PC-TB160 which is equipped with a sunlight viewable multi-touch 10.1" display that responds the touch commands even with your gloves or water drops on the screen. The definition of versatility, the reliable TB160 rugged tablet conquers hostile environments including extreme heat, cold and rain, plus the IP65 and MIL-STD-810G rated that helps enterprise users to operate long time in the inside and outside. This rugged tablet adapts to your business needs in field service, transportations, logistics and warehousing.

### Intelligently Tough Tablet

Powered by the Intel® Atom processor with 4GB of RAM, a 128GB SSD, WWAN support, the TB160 has the most responsive performance. It offers wide expansion design for 2D barcode data capture that ensures read reliability for mobile phone screens and paper in any orientation. Engineered by industrial material, TB160 is not only equipped with a 1000 nits sunlight viewable multi-touch 10.1" display that responds the touch commands even with your gloves or water drops on the screen, but also an 5-megapixel camera on the back and a 2-megapixel front-facing camera for recording in the workplace.

### Built For Survival

Moreover, this TB160 rugged tablet is durable enough to drop from the 1.5 meters onto concrete and it has IP65 certification, completely sealing durable housing against dust and moisture to withstand water jets. This device meets sturdy MIL-STD-810G military standard, boasting shock resistance, anti-vibration and together with a wide operating temperature range of -20°C to 50°C. The TB160 rugged tablet endures even the most extreme work environments.

### Mobility to Go Everywhere

With built-in smart card/CAC and NFC reader (option), Wi-Fi, Bluetooth 4.0 as well as GNSS (GPS/Glonass/ Beidou), RFID reader and 4G connections, the TB160 Rugged Tablet also features all-day battery life with hot-swap capability that fulfills high flexibility for field services workers to get connected anywhere and offers seamless data collection and transmission for enhanced workflow.

unitech offers a wide variety of accessories for the TB160 tablet PCs to transform base unit to fit different circumstances. It includes various docking solutions such as desktop cradle, vehicle docking station, extended battery pack and 2-Bay Battery Charger, as well as expansion module options (NFC+Smart Card Reader). The TB160 tablet comes with a 2mm stylus that delivers a convenient way for quick and accurate on-screen inputs. For more comfortable carrying of your tablet device, TB160 also add X-Type Hand Strap and shoulder strap that is easily accessible by the user and also helps in avoiding accidental drops or lost tablets.

### Features

- 10.1" rugged tablet PC with Windows 10 / IOT operation system
- Powered by the Intel® Atom processor
- Integrated superior 1D / 2D barcode imaging technology and dual cameras
- Superior 1000 nits sunlight viewable display that responds even with your gloves or water drops on
- Rugged Design: IP65, MIL-STD-810G, 5 feet drop resistance
- Versatile accessories and Mounting Docks and hot swappable battery design



### System Features

CPU	Intel® Atom™ processor 1.75GHz
Memory	128GB mSATA SSD 4GB DDR3L
OS	Windows 10 IoT Enterprise 2015 LTSB for Tablets

### Display

Gorilla Glass III with 10-point capacitive touch panel  
10.1" 1920 x 1200 WUXGA

### LED Indicator

Power on/off  
Wi-Fi on/off  
Fn on/off  
Battery full/charging/low

### Camera

2MP front camera  
5MP rear camera, AF with LED flash

### Expansion

Optional built-in 2D barcode reader  
Optional NFC

### Security

TPM 1.2

### Control Button

Programmable button x 3  
Barcode trigger x 1  
Power, volume, Windows button

### Sensor

Gyroscope, G-sensor, E-compass, light sensor

### Communication

WLAN	802.11 a/b/g/n/ac
Bluetooth	Bluetooth 4.0
WWAN	Optional 4G LTE
GPS	GNSS(GPS/Glonass/BeiDou)
RFID/HF (Optional)	Optional built-in NFC

### Power Adapter

AC 100V~240V, 50~60Hz Input; 19VDC@3.42A, 65W

### Battery

Standard	4500mA h, 10.8V, hot swappable Battery operation* : 6 hours
Extended	9000mA h, 10.8V, hot swappable (option) Battery operation* : 12 hours

\*The listed battery life is based on MobileMark 2012 @ media mode testing.

### I/O Interface

USB 3.0 type A x 1, USB 2.0 type A x 1  
Gigabit ethernet (RJ-45) x 1  
RS-232 x 1 (optional for USB 2.0 type A)  
Audio jack (headphone/microphone combo) x1  
RF pass-through connector x 2 for WLAN, GNSS, WWAN  
12-pin docking connector x1  
Speaker & microphone  
Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x 1

### Enclosure

Weight	1330g
Dimension	280 x 195 x 230 (mm)

### Environmental

Operating temperature	-4°F to 122°F (-20°C to 50°C)
Storage temperature	-22°F to 158°F (-30°C to 70°C)
Relative Humidity	5% ~ 95% ( non-condensing )
Drop test to Concrete	5 feet drop, MIL-STD 810G, shock & vibration
Environmental Sealing	IP65

### Accessories

Pen  
Hand strap  
Shoulder strap  
Handle  
Power adapter

### Regulatory Approvals

CE, FCC, CB



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