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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/Gloness/ 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

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TB160
Specifications



Windows 10

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 pannel
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

Progr ammable 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 ope ration* : 6 hours
Extended	9000mA h, 10.8V, hot swappabl e (option) Battery ope ration* : 12 hours

*The listed batte ry life i s based on Mobi leMark 2012 ® media mode testing.

I/O Interface

USB 3.0 type A x 1, USB 2.0 type A x 1
Gigabit ethe rnet (RJ-45) x 1
RS-232 x 1 (optional for USB 2.0 type A)
Audio jack (headphone/mi crophone combo) x1
RF pass-through connector x 2 for WLAN , GN SS, WWAN
12-pin docking conne ctor x1
S peaker & microphone
Micro SD sl otx 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 fe et drop, MIL-STD 810G, shock & vibration
Environmental Sealing	IP65

Accessories

Pen
Hand strap
Shoulder strap
Handle
Power adapter

Regulatory Approvals

CE, FCC, CB


Vehicle Dock
(VM160-M/S/FA/FB)


Desktop Dock
(DT160-S/F)


VESA Mount
Bracket
(WM160)


2-bay
Battery Charger
(BC-160)


Long Life
Battery Pack

unitech
Green Product

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