



TB170

Windows 11 Rugged Tablet

800 nits Sunlight Readable | Wi-Fi 6 Technology | Sensitive Digitizer Support



Deliver the thinnest and lightest rugged tablet, TB170, to ramp up your work production. Weighing at just 990g and featuring with slim 15mm edge, the 10.1-inch rugged tablet is engineered to give your optimum portability to finish tasks with a comfortable digitizer at ease. Operated in Windows 11 and a faster Wi-Fi 6 connection, TB170 safeguards the scanned data stability and accuracy under the refreshed system look for every user working in manufacturing, field service, and warehousing.

Advanced Technology: Wi-Fi 6

Its dependable Bluetooth® 5.2 and low-latency Wi-Fi 6 connectivity is perfectly suited for industries requiring wider space movement, such as large warehouses and distribution centers. The faster 9.6 Gbps speed rate stabilizes the wireless connection for Internet phone calls and meetings even when a bunch of devices is connected.

Thin and Light Tablet yet Durable

The light tablet with a slim 15mm edge is designed for workers to comfortably capture data and check inventory in high portability from day to night. For an easy touch and view, the 10.1" display supports glove and wet touch mode and is sunlight readable with 800 nits. To meet enterprise rigorous scenarios, TB170 withstands dust and water drops with IP65 protection and is tested for 5 ft / 1.5 m onto concrete. The MIL-STD-810G standard assures an overall environmental vibration and humidity.

Smooth Input, Greater Output

Coming with a sensitive digitizer, the TB170 empowers associates to write a memo or a signature on the 10-point multi-touch panel. Paired with a superior 2D engine, it collects data efficiently by pressing its programmable key. These integrated I/O ports (USB TypeA&C, SIM Card Reader, RJ45 Ethernet Port, Replaceable DC jack, Micro HDMI, SDXC Card Reader, 3.5mm Audio jack) allow external equipment to synchronize data once they are connected.

Full-shift Battery Life

The high capacity 4800mAh battery ensures workers to cope with long work shifts of up to 10 hours (depends on usage function and environment). With the hot-swappable design, it's no need to shut down your TB170 or interrupt work activity to sustain a consecutive task. As mobility is highly valued in field service, the TB170 can be carried around on a shoulder strap or hand strap; for the static workplace, office and vehicle docking are your best solutions to meet all scanning requirements.

Features

- Windows 11 enterprise operating system
- 10.1" (1920 x 1200) IPS 800 nits sunlight readable
- Hot-swappable battery design with a capacity 4800mAh up to 10 hours (depends on usage function and environment)
- Lightest and thinnest casing only 990 g with 15 mm
- 5 physical buttons: power, vol+, vol-, 2 programmable keys
- Rugged Design: IP65, MIL-STD-810G, 1.5m drop resistance
- Latest wireless technology: Wi-Fi 6 802.11ax. & Bluetooth® 5.2
- Simply write and highlight on digitizer pen
- Common and useful I/O ports you name including USB TypeA&C, Ethernet
- Various Accessories: Shoulder-Strap / Hand-Strap/ Vehicle docking/ Office docking / Brief Case Handle
- Support Trusted Platform Module (TPM) 2.0





System Features

OS	Windows 11 Enterprise
CPU	2.6Ghz, Intel® Gemini Lake-R Celeron N4120
Memory	LPDDR4 8GB on Board / 128GB eMMC
Others	TPM (Trusted Platform Module) 2.0 support

Display

10.1" (1920 x 1200) IPS 800 nits Sunlight Readable
10-point multi-touch, support glove mode and wet-touch mode
(Support MPP2.0 Digitizer Pen)

Buttons / Keypad

5 Physical Buttons power, vol+, vol-, 2 programmable keys

Indicator Type

LEDs, Vibrator

I/O Interfaces

USB	USB 3.1 Type A x 1 USB 3.1 Type C x 1
SIM Slot	SIM Card Reader [Nano]
Expansion Slot	Docking connector RJ45 Gigabit Ethernet Port Replaceable DC jack Micro HDMI SDXC Card Reader [Micro] Reset hole
POGO PIN	POGO pin

Audio

Microphone, speaker and 3.5mm audio jack

Power Source

Main Battery	Battery: 7.6V, 4800mAh / 36.5 Wh Backup Battery: 7.4V, 142mAh / 1.05Wh Hot-swappable Battery Operation: up to 10 hours (depends on usage function and environment)
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Communication

Camera	2MP front camera 8MP rear camera, Auto Focus, Flash
Bluetooth®	Bluetooth® 5.2 supported
WLAN	Wi-Fi 6 [802.11ax] (2X2 MIMO) Intel WLAN Module: AX200
WWAN	Optional: Quectel EM06-E (EMEA/APAC) Optional: Quectel EM06-A (North America)
GPS	GPS/ GLONASS/ GALILEO
Sensor	9 Axis MEMS sensor [Accelerometer, eCompass, Gyroscope] Ambient Light Sensir Proximity Sensor

Symbologies

Optional 1D/2D Barcode Reader

Enclosure

Dimensions	283 x 192 x 15 (mm)
Weight	990g

Environmental

Operating temperature	-10~50°C
Storage temperature	-20~60°C

Durability

Drop Specification	1.5m
Sealing	IP65
Vibration/ Tumble test	MIL-STD 810G

Regulatory Approvals

CE, FCC, BSMI, NCC

Accessories

Shoulder-Strap
X-strap
Vehicle Docking
Office Docking
Brief Case Handle
Digitizer Pen, B-type
Stand



Headquarters

Taipei, Taiwan
<http://www.ute.com> e-mail: info@hq.ute.com

unitech America

Los Angeles
<http://us.ute.com> e-mail: info@us.ute.com
<http://can.ute.com> info@can.ute.com
Mexico
<http://latin.ute.com> e-mail: info@latin.ute.com

unitech Asia Pacific & Middle East

Taipei
<http://apac.ute.com> info@apac.ute.com / info@india.ute.com
<http://mideast.ute.com> info@mideast.ute.com

unitech Europe

Tilburg / Netherlands
<http://eu.ute.com> e-mail: info@eu.ute.com

unitech Japan

Tokyo
<http://jp.ute.com> e-mail: info@jp.ute.com

unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen
<http://cn.ute.com> info@cn.ute.com
Taipei <http://tw.ute.com> info@tw.ute.com

