

# Trimble T100

TABLET



Depend on it.

## KEY FEATURES

- ▶ Fast and powerful processor, for efficient data collection and data processing
- ▶ Windows® 10 brings the office to the field
- ▶ Large 10.1-inch touchscreen, sunlight readable and wet weather efficient with a high resolution display
- ▶ Ergonomic design that's comfortable and portable on long demanding days in the field
- ▶ Expandable Trimble® Empower modules, provide flexibility for user configurations

Learn more: [geospatial.trimble.com/trimble-t100-tablet](https://geospatial.trimble.com/trimble-t100-tablet)

| Product Models       | T100 (Wi-Fi) | T100 (4G LTE) |
|----------------------|--------------|---------------|
| WLAN (Wi-Fi)         | Yes          | Yes           |
| 4G Data              | No           | Yes           |
| Memory storage (SSD) | 512 GB       | 512 GB        |
| Internal GNSS        | Included     | Included      |

## STANDARD FEATURES

## System

- Intel® 8th Generation Core™ i5 Processor
- Intel HD Graphics 620
- 16 GB RAM
- 512 GB Storage<sup>1</sup>
- 10.1" 800 nits 1920 x 1200 (16:10) LED-backlight screen with capacitive multi-touch
- Wacom Digitizer for EMR Pen Support
- 8 Megapixel with LED Flash rear camera
- Wi-Fi 802.11ac
- Bluetooth® v 5.1
- 4G LTE WWAN EM7565
- Internal battery 92 Wh non removable
- Integrated speaker and microphone
- IP65 Dust and Moisture Ingress Protection

## Operating System

- Microsoft® Windows® 10 Professional

## Communications

- Cellular: 4G LTE worldwide coverage, certified on Verizon and AT&T, data only
- Wi-Fi 802.11ac
- Bluetooth v 5.1
- USB 3.1 Type C x 2
- Supports USB C DisplayPort Alt Mode

## Standard Accessories

- EMR Stylus with replacement tips and removal tool
- AC-DC power adapter with power cord
- Screen protector
- USB A to USB C adapter

## Optional Accessories

- EMR Stylus and replacement tips and removal tool
- Handstrap
- Vehicle Power Supply
- Office stand
- Pole mount (Short and long versions)

## TECHNICAL SPECIFICATIONS

## Physical

- Size: .....279 mm x 200 mm x 18.5 mm (11 in x 7.9 in x 0.7 in)
- Weight: .....1.65 kg (3.6 lbs.)
- Processor: .....Intel® Core™ i5
- Memory: .....16 GB SDRAM
- Storage: 512 GB SSD
- User Interface: .....Power button, directional pad, programmable function keys
- Power / Battery Status LED, On screen keyboard
- Battery: .....92 Wh internal non removable
- Battery life: .....10 hours @ 20 °C with GPS on
- Charging time: .....1:15 to 50% 3 hours to 100%<sup>2</sup>

## Environmental

- Temperature: .....-20 °C to +55 °C (-4 °F to 131 °F)<sup>3</sup>
- Operating: .....MIL STD 810H Method 501.7, 502.7 Procedure II
- Storage: .....-40 °C to +70 °C (-40 °F to 158 °F)
- .....MIL STD 810H Method 501.7, 502.7 Procedure I
- Thermal Shock: .....-20 °C and 60 °C non-operating
- .....MIL STD 810H Method 503.7 Procedure I-C
- Humidity: .....0% – 95% non-condensing
- .....MIL STD 810H Method 507.6 Procedure II - Aggravated Cycle
- Water & dust proof: .....IEC 60629 Edition 2 - IP65
- Vibration / Shock resistance: .....MIL STD 810H Method 514.8 Procedure I
- .....Random Vibration
- .....MIL STD 810H Method 514.8 Procedure II - Loose Cargo Transportation
- Drop: .....Tests include room temperature, -20 °C, +60 °C
- .....MIL STD 810H Method 516.8 Procedure IV - Transit Drop
- Chemical Exposure: .....Contamination by Fluids
- .....MIL STD 810H Method 504.3 Procedure II
- Non Operating Altitude: .....-30 °C and 12,192 m (40,000 Feet)
- .....MIL STD 810H Method 500.6 Procedure I
- Operating Altitude: .....5 °C and 9,144 m (30,000 Feet)
- .....MIL STD 810H Method 500.6 Procedure II

## Input/Output

- Display: .....LED backlight scratch-resistant, auto rotate
- Size: .....10.1" capacitive multi-touch with EMR
- Resolution: .....1920 x 1200 px
- Brightness: .....800 nits
- Audio: .....Built-in microphone and speaker
- I/O: .....USB 3.1 type c x 2
- Trimble EMPOWER Module Bays x 2
- AC / DC Adapter: .....AC 100~240 V, 50~60 Hz,
- DC 5 V, 9 V, 15 V, 20 V, 65 W
- USB C PD 65W
- Digital camera (rear facing): .....8 MP with flash
- Sensors: .....E-Compass, Accelerometer, gyroscope, ambient light sensor, proximity sensor

## GNSS

- Internal antenna: 72 channels .....Beidou, Galileo, GLONASS, GPS L1 C/A, QZSS, SBAS
- Integrated real-time: .....SBAS<sup>4</sup> (WAAS/EGNOS/MSAS/GAGAN)
- Dual constellation system: .....GPS/GLONASS or GPS/Beidou

- 1 Total usable memory will be less depending upon actual system configuration.
- 2 Battery operation and recharge times will vary based on many factors, including screen brightness, applications, features, power management, battery conditioning and other settings or preferences.
- 3 Tested under MIL-STD-810H method 501.6, Procedure II, and method 502.6, Procedure II. Battery capacity is reduced at lower temperatures or extremely high temperatures. Batteries should neither be charged at temperatures below 32 °F (0 °C) nor temperatures above 113 °F (+45 °C) to avoid impacting battery longevity and performance.
- 4 SBAS (Satellite Based Augmentation System), where available.

Caution: Do not expose bare skin to this product when handling this unit in extreme hot or cold environments. Do not charge batteries in extreme hot environments

Specifications subject to change without notice.



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