



Trimble T100

TABLET



Depend on it.

KEY FEATURES

- ▶ **Fast and powerful processor**, for efficient data collection and data processing
- ▶ **Large 10.1-inch touchscreen**, sunlight readable and wet weather efficient with a high resolution display
- ▶ **Windows® 10**, brings the office to the field
- ▶ **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:
mcs.trimble.com/products-and-solutions/T100

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
GNSS Receiver	U-blox Neo-M8T	U-blox Neo-M8T

STANDARD FEATURES

System

- Intel® 8th Generation Core™ i5 Processor
- Intel HD Graphics 620
- 16 GB RAM¹
- 512 GB Storage²
- 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%³

Environmental

- Temperature
Operating -20 °C to +55 °C (-4 °F to 131 °F)⁴
MIL-STD-810H 501.7 Procedure II
- Storage -40 °C to +70 °C (-40 °F to 158 °F)
MIL-STD-810H 501.76 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 40,000 Feet
MIL STD 810H Method 500.6 Procedure I
- Operating Altitude 5 °C and 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) 8MP 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 SBAS⁵ (WAAS/EGNOS/MSAS/GAGAN)
- Dual constellation system GPS/GLONASS or GPS/Beidou

Accuracy Specifications (Horizontal RMS)⁶

- Real-time SBAS < 4 m typical

1 1 GB = 1,000,000,000 bytes.
 2 Total usable memory will be less depending upon actual system configuration.
 3 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.
 4 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.
 5 SBAS (Satellite Based Augmentation System), where available.
 6 Horizontal Root Mean Squared accuracy. Requires reasonable multipath conditions. Ionospheric conditions, multipath signals or obstruction of the sky by buildings or heavy tree canopy may degrade precision by interfering with signal reception.

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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