Trimble T10

TABLET

HIGH-PERFORMANCE PROCESSING POWER IN THE FIELD

Trimble brings the advantages of fast computing power and a large screen to the field with the Trimble® T10 tablet. Combined with integrated GNSS capabilities, the Trimble T10 is a powerful, rugged device created for survey fieldwork and GIS data collection. At the same time it supports demanding desktop applications to provide a single-device solution for efficient data processing on the job.

Designed to work all day even in difficult environments and conditions, the Trimble T10 enables survey and GIS professionals in a variety of applications to efficiently and reliably collect and process data for analysis and visualization on a significantly larger display using the latest Windows® 10 platform.

Fast and Powerful Computer Processing

The fast and powerful processing engine of the Trimble T10 lets you carry out challenging field applications without difficulty. Rapid processing of maps, satellite imagery, image data and point clouds as well as geospatial field information ensures the T10 won't slow you down. Save time and money and be more productive by having your field work completed quickly with a high degree of detail, increasing the value of your data.

Enhanced Maps and Data Visualization with Large Screen Display

Whether performing survey data collection, field inspections and asset inventories, or collecting attributes, coordinates and more, the generous 10.1-inch screen that reads in bright sunlight ensures easy viewing of your data. The higher screen resolution offers enhanced map interaction, providing accurate information on which to base informed decisions in the field.

Latest Windows Desktop Operating System

Make the field your office and enjoy the use of full Windows desktop applications on the Trimble T10 wherever you are. Supporting the Windows 10 operating system, the tablet works well with any modern application you need to get your field tasks completed and processed without using a separate laptop computer or returning to headquarters.

Additionally, for a complete field to office workflow solution, utilize Trimble field and office software such as Trimble Access™, Trimble TerraFlex™, and Trimble Business Center to process and manage your data, and create high quality deliverables for your organization—even while in the field.

All Day Rugged Field Operation

The Trimble T10 is built tough. Unlike modern consumer-grade tablets, the IP65-rated Trimble T10 with military-grade ruggedness certification will withstand anything the elements throw at you. Protected against rain, mud, dust, sand, and extreme temperatures—as well as drops and shocks—your collected data is secure no matter what you encounter. Plus, the hot-swappable long life battery will keep going all day so you can get the job done.

Wherever you go, whatever conditions you face, the powerful and efficient Trimble T10 tablet won't let you down.

Key Features

- Fast and powerful processing to support demanding field applications and create high-quality deliverables even when outside of the office
- Enhanced interaction with detailed map and imagery through large 10.1-inch, high resolution display
- Full Windows desktop applications brings office to the field
- Rugged form factor and long battery life for all day field operation even in tough environments
- Optional integrated 2.4 GHz spread-spectrum radio for connectivity with optical instruments

Trimble T10 TABLET

Product Models	T10 (Wi-Fi)	T10 (4G)	T10 (2.4 GHz Radio)
WLAN (Wi-Fi)	Yes	Yes	Yes
4G Data	No	Yes	Yes
2.4 GHz Radio	No	No	Yes
Memory storage (SSD)	256 GB	512 GB	256 GB
GNSS Receiver	U-blox Neo-M8T	U-blox Neo-M8T	U-blox Neo-M8

STANDARD FEATURES

System

- Intel® 6th Generation Core™ i7 processor
- Intel HD Graphics 520
- 8 GB RAM[1]
- 256 GB Storage (4G version: 512 GB)[2]
- 10.1" LED-backlight screen with 10-point capacitive multi-touch
- Active Pen support
- 5 Megapixel rear camera
- High-sensitivity GNSS/SBAS receiver and antenna
- Wi-Fi 802.11ac, 2.4GHz / 5GHz dual-band
- Bluetooth® v 4.0 LE
- 4G and 2.4 GHz Radio versions available
- User replaceable battery (standard or enhanced capacity), hot swappable
- Integrated speaker and microphone
- NIST (National Institute of Standards and Technology) compliant BIOS
- TPM (Trusted Platform Module) 2.0 support
- Rugged ABS + PC plastics and magnesium-aluminum alloy enclosure
- Rubber bumpers on each corner for handling protection
- MIL-STD-810G Shock, Drop and Vibration
- IP65 Dust and Moisture Ingress Protection

Operating System

- Microsoft® Windows® 10 IoT Enterprise
- Languages available: Arabic (Saudi Arabia), Bulgarian (Bulgaria), Chinese (Simplified, China), Chinese (Hong Kong), Chinese (Traditional, Taiwan), Croatian (Croatia), Czech (Czech Republic), Danish (Denmark), Dutch (Netherlands), English (United Kingdom), English (United States), Estonian (Estonia), Finnish (Finland), French (France), French (Canada), German (Germany), Greek (Greece), Hebrew (Israel), Hungarian (Hungary), Italian (Italy), Japanese (Japan), Korean (Korea), Latvian (Latvia), Lithuanian (Lithuania), Norwegian, Bokmål (Norway), Polish (Poland), Portuguese (Brazil), Portuguese (Portugal), Romanian (Romania), Russian (Russia), Serbian (Latin, Serbia), Slovak (Slovakia), Slovenian (Slovenia), Spanish (Spain, International Sort), Spanish (Mexico), Swedish (Sweden), Thai (Thailand), Turkish (Turkey), and Ukrainian (Ukraine). Additional languages are available as Language Interface Packs.

Communications

- Cellular: 4G LTE, data only[3] (not available on Wi-Fi only version)
- Wi-Fi 802.11ac, 2.4 GHz/ 5 GHz dual band
- Bluetooth 4.0 LE
- 2.4 GHz spread-spectrum radio (radio version only)
- USB 3.0

Standard Accessories

- Battery pack (standard)
- Handstrap
- AC-DC power adapter with power cord (international version with adapters)
- Digital pen, with tether and mounting clip
- Screen protector
- External antenna (2.4 GHz spread-spectrum radio version only)

Optional Accessories

- Digital Pen
- Handstrap
- Screen Protector
- Standard or Enhanced Capacity Battery
- Single Battery Charger
- Battery Gang Charger
- Vehicle Power Supply
- Keyboard with Trackpad
- Office Dock
- Pole Mount
- Vehicle Mount
- Vehicle Mount with Keyboard

TECHNICAL SPECIFICATIONS

Physical

Size . . . . . 198 mm x 283 mm x 40 mm (7.7 in x 11.1 in x 1.6 in)
Weight . . . . . 1.4 kg (3.08 lbs.)
(Wi-Fi only version with standard battery)
Processor . . . . . Intel® Core™ i7, Clock frequency: 2.5 GHz
Memory . . . . . 8 GB SDRAM
Storage: 256 GB (non-volatile), (512 GB for 4G version)
User Interface . . . . . Power button, RF switch, 3 programmable keys
Power / Battery Status LED, On screen keyboard,
Optional detachable full keyboard with trackpad
Battery . . . . . 11.4 V, 5400 mAh (standard capacity), hot swappable
11.4 V, 8000 mAh (enhanced capacity)
Battery life (enhanced capacity) . . . . . < 12 hours @ 20° C with GPS on[4]
Charging time . . . . . 4.5 hours[4]

Environmental

Temperature
Operating . . . . . –20 °C to +60 °C (–4 °F to 140 °F)[5]
Storage . . . . . –55 °C to +70 °C without battery (–67 °F to 158 °F)
Humidity . . . . . 0% - 90% non-condensing
Water & dust proof IP65
Vibration / Shock resistance MIL-STD-810G
EMI / EMC tolerance MIL-STD-461F

Input/Output

Display . . . . . LED backlight scratch-resistant, auto rotate
Size . . . . . 10.1" capacitive multi-touch
Resolution . . . . . 1920x1200 px
Brightness . . . . . 800 Cd/m²
Audio . . . . . Built-in microphone and speaker
Audio jack 3.5 mm
I/O . . . . . USB 3.0
AC / DC Adapter . . . . . Input: 100-240V AC, Output: 19V DC, 3.42A
Digital camera (rear facing) . . . . . 5 MP with auto-focus, white balance, gain control and exposure control
Sensors . . . . . E-Compass, Accelerometer

GNSS

Internal antenna: 72 channels . . . . . GPS L1 C/A, GLONASS, Beidou, QZSS, SBAS
Integrated real-time . . . . . SBAS[6] (WAAS/EGNOS/MSAS/GAGAN)
Dual constellation system . . . . . GPS/GLONASS or GPS/Beidou

Accuracy Specifications (Horizontal RMS)[7]

Real-time SBAS . . . . . 2–5 m typical

1 1 GB = 1,000,000,000 bytes.
2 Total usable memory will be less depending upon actual system configuration.
3 Frequencies and channels depending on 4G radio version.
4 Approximate charging time for standard battery. 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.
5 Tested under MIL-STD-810G 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.
6 SBAS (Satellite Based Augmentation System), where available.
7 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.

Building Point Ohio Valley
1120 Ohioview Avenue | Ambridge, PA 15003
724-266-1600 | info@bpohiovalley.com
Contact your local Trimble Authorized Distribution Partner for more information

NORTH AMERICA
Trimble Inc.
10368 Westmoor Dr
Westminster CO
80021
USA

EUROPE
Trimble Germany
GmbH
Am Prime Parc 11
65479 Raunheim
GERMANY

ASIA-PACIFIC
Trimble Navigation
Singapore PTE Limited
3 HarbourFront Place
#13-02 HarbourFront Tower Two
Singapore 099254
SINGAPORE

© 2017-2018, Trimble Inc. All rights reserved. Trimble and the Globe & Triangle logo are trademarks of Trimble Inc., registered in the United States and in other countries. Access and TerraFlex are trademarks of Trimble Inc. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Trimble Inc. is under license. All other trademarks are the property of their respective owners. PN 022516-336B (04/18)