



Trimble T7

TABLET

KEY FEATURES

- ▶ High definition, sunlight readable 7-inch multi-touch screen
- ▶ Secure Windows® 10 Professional operating system
- ▶ Compatible with Microsoft® Office, web browsers, and other third-party apps
- ▶ Ultra-rugged design and performance with MIL-STD-810G certification
- ▶ Dual Trimble® EMPOWER modular expansion system slots
- ▶ High-speed 4G LTE, Wi-Fi, and Bluetooth® data connectivity
- ▶ Powerful Intel® Pentium® processor with 8 GB RAM and 128 GB internal storage
- ▶ Hot-swappable batteries with LED indicators
- ▶ Programmable, tactile hard keys
- ▶ Front- and rear-facing cameras
- ▶ Ergonomic form factor
- ▶ Optimized for Trimble field software, external Trimble GNSS receivers and Trimble robotic total stations

Learn more: geospatial.trimble.com/t7



PHYSICAL SPECIFICATIONS

Size	165 mm x 245 mm x 50 mm
Weight	1.2 kg
Housing	Glass-fibre reinforced resin with integrated drop bumpers

ENVIRONMENTAL SPECIFICATIONS (MEETS OR EXCEEDS)

Operating temperature	-20 °C to 60 °C MIL-STD-810G
Storage temperature	-30 °C to 70 °C MIL-STD-810G
Sand & dust	IP6x: (IEC60529)
Water	IPx8: Immersion, up to 1 m depth for 2 hours
Drop	1.22 m on concrete MIL-STD-810G, Method 516.6, Procedure IV
Humidity	95% RH Non-condensing MIL-STD-810G, Method 507.6, Procedure II
Vibration	Method 514.5 Procedure I Category 24
Altitude	Operational at 9,144 m (30,000 ft), MIL-STD-810G, Method 500.5, (Altitude) I (storage) & II (operating)
Solar Exposure	Survives prolonged solar exposure, MIL-STD-810G Method 505.5, Procedure II

SECURITY

TPM 2.0 (Trusted Platform Module)

CONFIGURATIONS

EMPOWER module support	2 x module bays
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CERTIFICATIONS

Country certifications	FCC, CB, IC, ICES, CE, A-TICK, ACMA, RCM, RSM, NRTL Scheme
Environmental	EU RoHS, REACH, WEEE

COMPATIBLE FIELD SOFTWARE

Trimble Access™ version 2017.23 and Trimble Access version 2018.22 and later
Trimble TerraFlex™ software
Windows 10 Pro 64 bit applications.

ELECTRICAL SPECIFICATIONS

Processor	Intel Apollo Lake - N4200, 64-bit quad-core
Memory	8 GB RAM
Storage	128 GB SSD eMMC
Expansion	via SDXC card up to 256 GB
Batteries	2 x 3100 mAh (22.53 Wh) min. capacity/ 3150 mAh (22.90 Wh) nominal capacity; removable, hot swappable, charge LED indicator
Battery life	Medium usage approx. 5 hours, can range 4-7 hours (depending on display settings, connectivity, data processing, ambient temperature, etc.)
Charging time	Full-charge 3.5 hours, fast-charge (80 %) 1 ¾ hours
Power input	19 V/5 A charging
Notification LED	Charging and power status
Display	7-inch, 1280 x 800 landscape, 16:10, 800 nits sunlight readable. LED backlit, Gorilla® Glass 3.0, 10 point capacitive multitouch with stylus, touch, and glove mode
Keypad	5-way directional, 4 Fn, Windows, Power, Volume physical keys
Audio	Speaker and dual digital microphone array with noise reduction
External speaker/microphone	3.5 mm mini-jack or wireless headset
I/O	User replaceable module. Charger/DC power-in, 2x USB 3.0 Type A host
WWAN	Worldwide LTE in regions where it is available, and compatible with 3G networks AT&T and Verizon certified. MicroSIM card
Wi-Fi	802.11 a/b/g/ac/n (2.4 GHz/5 GHz ISM radio band)
Bluetooth	BT 2.1 + EDR, BT 4.1
Camera	Rear camera 8 MP autofocus with flash Front camera 2 MP fixed-focus
GNSS	Integrated u-blox NEO-M8T, L1, GPS/GLONASS/BeiDou, SBAS
Sensors	3-axis accelerometer, magnetic sensor, ambient light sensor, gyroscope

Specifications subject to change without notice.



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

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