



Trimble T7

TABLET

KEY FEATURES

- ▶ High definition, sunlight readable 7-inch multi-touch screen
- ▶ Secure Windows® 10 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



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PHYSICAL SPECIFICATIONS

Size	6.5" x 9.6" x 2" (165 mm x 245 mm x 50 mm)
Weight	2.65 lb (1.2 kg)
Housing	Glass-fibre reinforced resin with integrated drop bumpers

ENVIRONMENTAL SPECIFICATIONS
(MEETS OR EXCEEDS)

Operating temperature	-4° F to +140 °F (-20 °C to +60 °C) MIL-STD-810G
Storage temperature	-22 °F to +158 °F (-30 °C to +70 °C) MIL-STD-810G
Sand & dust	IP6x: (IEC60529)
Water	IPx8: Immersion, up to 3.2 ft (1 m) depth for 2 hours
Drop	4 ft (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 30,000 ft (9,144 m), 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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COMPATIBLE FIELD SOFTWARE

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

ELECTRICAL SPECIFICATIONS

Processor	Intel Apollo Lake - N4200, 64-bit quad-core
Memory	8 GB RAM
Storage	128 GB 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	8 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	19V 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/n/ac (2.4 GHz/5 GHz ISM radio band)
Bluetooth	BT 5.1
Camera	Rear camera 8 MP autofocus with flash Front camera 2 MP fixed-focus
GNSS	Integrated Sierra Wireless EM7Dxx, Horizontal Accuracy 2-4m (RMS), L1 GPS, GLONASS, BeiDou, Galileo
Sensors	3-axis accelerometer, magnetic sensor, ambient light sensor, gyroscope

Specifications subject to change without notice.



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