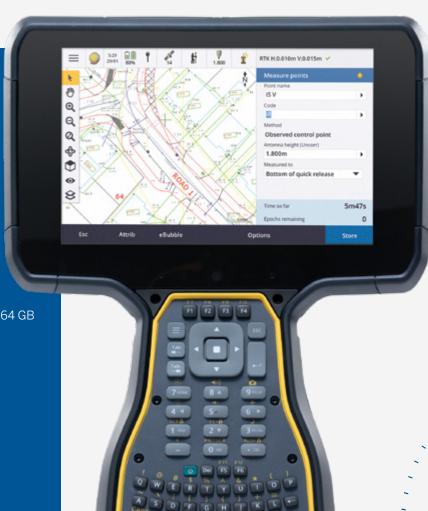
Trimble TSC7

CONTROLLER

KEY FEATURES

- Doptimised for Trimble® Access™ field software
- Large 17.78 cm (7-inch) multi-touch screen for finger or stylus
- Sunlight readable display
- Secure Windows® 10 Pro operating system
- Compatible with Microsoft[®] Office, web browsers, and other third-party apps
- Manages large project files, complex imagery, point clouds, and other 3D data
- ► Intel Pentium processor with 8 GB RAM and 64 GB internal memory
- Comprehensive connectivity options
- ► Front- and rear-facing cameras
- Backlit keypad with customizable button commands
- User-interchangeable EMPOWER modules, including a long-range radio
- Military-spec rugged design, engineering and performance
- Ergonomic form factor
- ► Hot-swappable batteries with LED indicators

Learn more: geospatial.trimble.com/TSC7



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Trimble TSC7 CONTROLLER

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PHYSICAL SPECIFICATIONS		
Size	30 x 20.9 x 7.1 cm	
Weight	1.42 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 501.5 Procedures II (operation)	
Storage temperature	-40 °C to 70 °C MIL-STD-810G 501.5 Procedures I (storage)	
Humidity	90 % RH temp cycle –20 °C/60 °C MIL-STD-810G, Method 507.5, Procedure II	
Sand & dust	IP6x: 8 hours of operation with blowing talcum powder (IEC-529)	
Water	IPx8: Immersion, up to 1 m depth for 2 hours	
Drop	26 drops at room temperature from 1.22 m onto plywood over concrete MIL-STD-810G, Method 516.6, Procedure IV	

SECURITY	
TPM (Trusted Platform Module)	

CONFIGURATIONS		
EMPOWER module support	2 x module bays	
Languages supported at first boot	Chinese (Simplified), English (US), French, German, Italian, Japanese, Korean, Portuguese (Brazilian), Spanish (Castilian region and Mexico)	

CERTIFICATIONS		
Among others	FCC, NRTL, ICES, IC, NRTL, CE, CB, RCM, CCC	
Countries	Certified in countries: USA, Canada, EU, Australia/New Zealand, South Africa, India, Malaysia, Tunisia, UAE, Thailand, Taiwan, Russia	
Environmental	EU RoHS, China RoHS, REACH, WEEE	

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Trimble Access version 2017.2x and Trimble Access version 2018 and later

ELECTRICAL SPECIFICATIONS		
Processor	Intel Apollo Lake - N4200, 64-bit quad-core	
Memory	8 GB RAM, LPDDR4	
Storage	64 GB eMMC	
Expansion	via microSDXC card up to 2 TB	
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	19V/5A charging	
Notification LED	Charging and power status	
Display	$17.78cm(7\text{-inch}), 1280x800landscape, 16:10,\\multi-point capacitive, 650+ nits sunlight readable$	
Keyboard	QWERTY or ABCD, with backlight, numeric key block, Fn keys (6 physical + 6 2nd function Fn keys)	
Audio	Speaker and dual digital microphone array with noise reduction	
External speaker/microphone	3.5 mm mini-jack or wireless headset	
1/0	User replaceable module. Standard: Charger/DC power-in, USB 3.1 Gen 1 type A host, serial RS232 DB-9	
USB	USB 3.1 Gen 1	
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, 2.4 GHz 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 GNSS	
Sensors	3-axis accelerometer, magnetic sensor, ambient light sensor, proximity sensor	

Specifications subject to change without notice.















Contact your local Trimble Authorised Distribution Partner for more information

NORTH AMERICA Trimble Inc.

10368 Westmoor Dr Westminster CO 80021 **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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