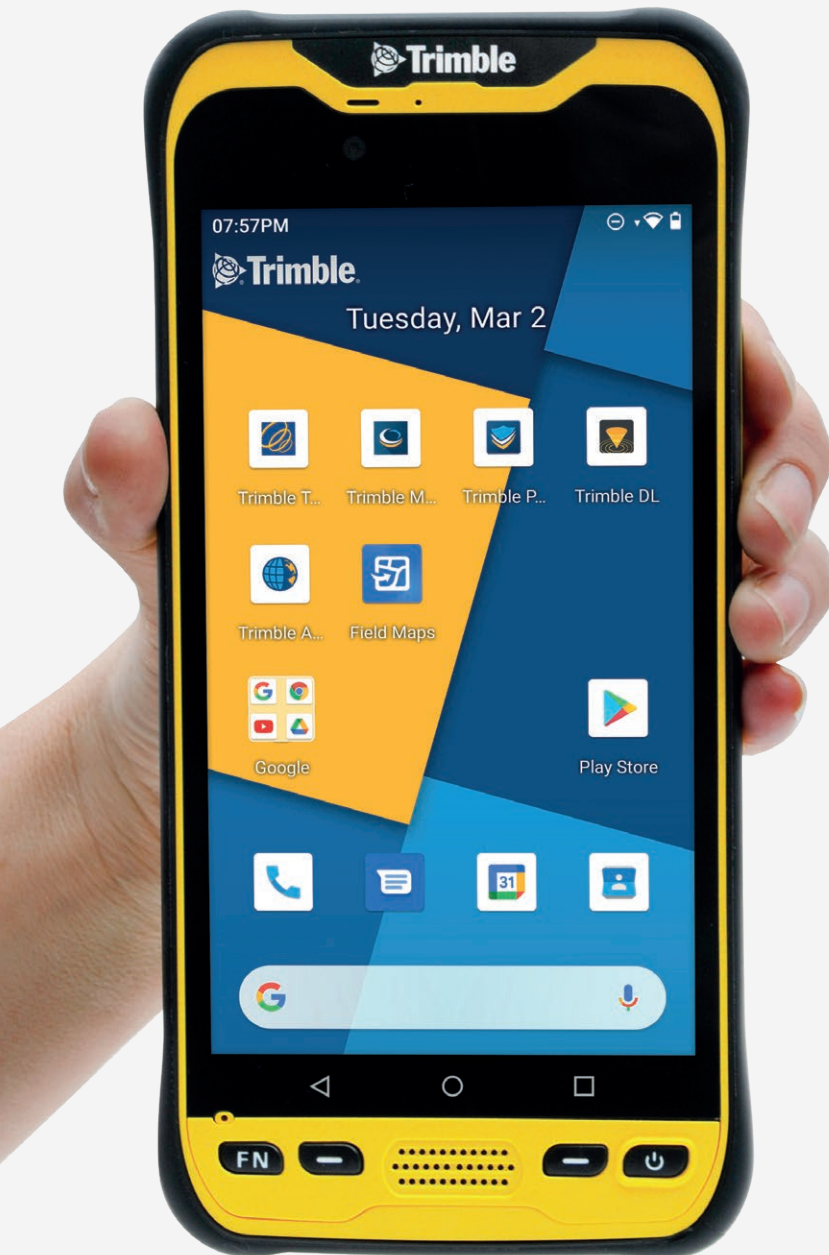




# Trimble TDC600

## HANDHELD



### KEY FEATURES

- ▶ All-in-one GNSS data collector and smartphone
- ▶ Android™ 10 operating system
- ▶ 6-inch high resolution sunlight-readable display
- ▶ Powerful Qualcomm® processor with 4 GB RAM and 64 GB internal storage
- ▶ Large capacity, user replaceable all day battery
- ▶ Real-time positioning with built-in GNSS receiver
- ▶ Google Mobile Services certified with access to Google Play™ store apps
- ▶ Ultra-rugged design with MIL-STD-810G certification
- ▶ 4G LTE, Wi-Fi, Bluetooth® connectivity options for voice calls and data
- ▶ Ergonomic, lightweight and slim form factor
- ▶ Front- and rear-facing cameras
- ▶ Supports the Trimble® Catalyst™ and Trimble R Series GNSS receivers
- ▶ Runs Trimble TerraFlex™, Trimble Access™, third-party or custom-developed field applications

**Learn more: [geospatial.trimble.com/tdc600](https://geospatial.trimble.com/tdc600)**



# Trimble TDC600 HANDHELD

## STANDARD FEATURES

### SYSTEM

- Integrated 4G cellular data, text and voice capability
- 5 MP front camera and 13 MP rear camera
- Bluetooth v 4.1
- Wi-Fi IEEE 802.11 a/b/g/n/ac, 2.4 GHz / 5 GHz dual-band
- 6.0 inch LED-backlight screen with capacitive multi-touch
- Long-life user replaceable Li-Ion battery
- 2.2 GHz Qualcomm Snapdragon™ 626 processor
- 4 GB RAM
- 64 GB flash memory<sup>1</sup>
- 1 MicroSDHC memory card slot
- Integrated speaker and microphone

### OPERATING SYSTEM

- Android 10
- Languages available: Afrikaans, Azerbaijani, Bulgarian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hindi, Hungarian, Italian, Korean, Lithuanian, Norwegian (Bokmål), Polish, Portuguese (Portugal and Brazil), Romanian, Russian, Serbian (Cyrillic), Simplified Chinese, Spanish, Swedish, Turkish
- Software package includes: Google Mobile Services
- Android Security Updates provided until December 2024

### COMMUNICATIONS<sup>2</sup>

- Cellular: GSM (850/900/1800/1900), WCDMA (B1/B2/B5/B8), LTE-FDD (B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B20/B25/B28), LTE-TDD (B38/B39/B40/B41), TD-SCDMA (B34/B39)
- Wi-Fi IEEE 802.11 a/b/g/n/ac
- Bluetooth 4.1
- NanoSIM x 2
- USB 3.0 (Type-C)
- NFC (13.56 MHz)

### STANDARD ACCESSORIES

- Hand strap
- A/C charger
- USB cable
- Lanyard

### OPTIONAL ACCESSORIES

- External magnetic GPS antenna
- Pole bracket
- Replacement batteries
- Dual battery charger

### SOFTWARE COMPATIBILITY

Please refer to the Product Compatibility matrix. ([www.trimble.com/mappingGIS/productcompatibility](http://www.trimble.com/mappingGIS/productcompatibility))

## TECHNICAL SPECIFICATIONS

### PHYSICAL

|                         |   |
|-------------------------|---|
| Size                    | 196 mm x 93.4 mm x 17.2 mm (7.7 in x 3.6 in x 0.67 in)  |
| Weight                  | 0.38 kg (0.9 lbs)   |
| Processor               | Qualcomm Snapdragon 626, Octa-core, Clock frequency: 2.2 GHz  |
| Memory                  | 4 GB RAM  |
| Storage <sup>1</sup>    | 64 GB   |
| User Interface Keyboard | 2 volume keys, power key, 4 programmable keys, standard Android touch panel 3 buttons, on-screen keyboard |
| Battery                 | Li-Ion removable battery Standard capacity 8000 mAh   |
| Battery life            | 15 hours @ 20° C (68 °F) with GPS on  |
| Charging time           | 4 hours   |

### ENVIRONMENTAL

|                    |                                     |
|--------------------|-------------------------------------|
| Temperature        |                                     |
| Operating          | -20 °C to +55 °C (-4 °F to +131 °F) |
| Storage            | -40 °C to 70 °C (-40 °F to 158 °F)  |
| Humidity           | 95% non-condensing                  |
| Water & dust proof | IP67                                |
| Free drop          | 1.2 m (3.9 ft) (MIL-STD-810G)       |

### INPUT/OUTPUT

|                |  |
|----------------|--|
| Expansion      | MicroSDHC memory card (up to 256 GB)   |
| Display        | Gorilla Glass 3, Optically bonded, AF coated, auto rotate                      |
| Size           | 6.0" capacitive multi-touch  |
| Resolution     | 1920 x 1080 pixels   |
| Brightness     | 450 Cd/m <sup>2</sup>  |
| Audio          | Built-in microphone and speaker<br>Audio jack through USB-C Pogo pin connector |
| I/O            | USB 3.0, external antenna connector  |
| Digital camera |  |
| Rear camera    | 13 MP with auto-focus and LED flash  |
| Front camera   | 5 MP with fixed focus  |
| Sensors        | Ambient light sensor, digital compass, gyrometer, accelerometer, barometer     |

### GNSS

|                               |   |
|-------------------------------|---|
| GNSS Receiver                 | U-blox Neo-M8T                              |
| Internal antenna: 72 channels | GPS L1 C/A, GLONASS, BeiDou, SBAS           |
| Integrated real-time          | SBAS (WAAS/EGNOS/MSAS/GAGAN/QZSS)           |
| Tri constellation system      | GPS/GAL, GPS/GLO/GAL or GPS/BeiDou/GAL      |
| External antenna connector    | Yes   |
| Protocol                      | Location Services<br>NMEA output (optional) |

### ACCURACY SPECIFICATIONS (HORIZONTAL RMS)<sup>3</sup>

|                             |                         |
|-----------------------------|-------------------------|
| Real-time SBAS <sup>4</sup> | <1.5 m (4.9 ft) typical |
|-----------------------------|-------------------------|

- 1 The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade applications or the device.
- 2 Bluetooth, wireless LAN and cellular type approvals are country specific. Trimble TDC600 handheld has Bluetooth, wireless LAN and cellular approval in North America (AT&T and Verizon) and EU. For other countries, please consult your local Distributor.
- 3 Horizontal Root Mean Squared accuracy. Requires data to be collected using vertical mounting, minimum of 4 satellites, PDOP mask at 99, SNR mask at 12 dBHz, elevation mask at 5 degrees, and 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.
- 4 SBAS (Satellite Based Augmentation System). Includes WAAS (Wide Area Augmentation System) available in North America only, EGNOS (European Geostationary Navigation Overlay System) available in Europe only, and MSAS available in Japan only.

Specifications subject to change without notice.



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