Trimble T10

Tablet

USER GUIDE

Version 1.00
Revision A
February 2018

Trimble

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Release Notice

This is the February 2018 release (Revision A) of the T10 tablet documentation.

European declaration of conformity

According to ISO / IEC Guide 22 and EN 450 14
Manufacturer's Name: Trimble Inc..
Manufacturer's Address: 10368 Westmoor Drive, Westminster, Colorado 80021
Declares, under our sole responsibility, that the product:
Product Name: T10 Tablet
Model Number(s): T301-01, T301-02, T301-LUS-02, T301-LEU-02, T301-CLUS-01, T301-CLEU-01, T301-LCN-01, T301-CLCN-01
Conforms to the following Product Specifications:
- R&TTE Directive 1999/5/EC ETSI EN 300 328 V1.8.1 (2012-06) ETSI EN 301 489-1 V1.9.2 (20011-09)
- ETSI EN 301 489-17 V2.2.1 (2012-09)
- EN 55022: 2010+AC: 2011
- EN 55024: 2010
- EN 60950-1 (2001)
- EN 61000-3-2: 2006+A2: 2009
- EN 61000-3-3: 2013

Supplementary information

In addition, the product is battery powered and the power supply provided with this product has been certified to IEC 60950 +A1, A2, A3, A4, A11. As manufacturer, we declare under our sole responsibility that the equipment follows the provisions of the Standards stated above.

Importer of Record

Trimble European Regional Fulfillment Center
Logistics Manager
Meerheide 45
55521DZ Eersel
Netherlands.

Trimble EC

Trimble Germany
Am Princ Parc 11
65479 Raunheim
Germany

EC REP

CAUTION - Only approved accessories may be used with this equipment. In general, all cables must be high quality, shielded, correctly terminated and normally restricted to two meters in length. Power supplies approved for this product employ special provisions to avoid radio interference and should not be altered or substituted. Unapproved modifications or operations beyond or in conflict with these instructions for use may void authorization by the authorities to operate the equipment.

Recycling information

You should dispose of the tablet computer and accessories properly according to local laws and regulations. Because the tablet computer contains electronic components, it must be disposed of separately from household waste. When the tablet computer reaches its end of life, contact your local Trimble reseller to learn about disposal and recycling options for your area.

Recycling in Europe



The symbol at right means that according to local laws and regulations your product and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product and/or its battery at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For information about recycling Trimble WEEE (Waste Electrical and Electronic Equipment) products that run on electrical power go to

http://www.trimble.com/Corporate/Environmental_Compliance.aspx.

To recycle Trimble WEEE products call +31 497 53 24 30, and ask for the "WEEE Associate". or mail a request for recycling instructions to:

Trimble Europe B.V. WEEE Recycling
C/O Menlo logistics
Gate 19 to 26
Meerheide 43
5521 DZ
Eersel
The Netherlands

Taiwan – Battery Recycling Requirements

The product contains a Lithium-ion battery. Taiwanese regulations require that waste batteries are recycled.



廢電池請回收

Regional compliance

Australia and New Zealand

This product conforms with the regulatory requirements of the Australian Communications and Media Authority (ACMA) Telecommunications, Radiocommunications and EMC Labelling Notices, thus satisfying the requirements for RCM marking and sale within Australia and New Zealand.



Europe

This Trimble product has been tested and found to comply with all requirements for CE Marking and sale within the European Economic Area (EEA). The tablet computer has Bluetooth and wireless LAN approval and satisfies the requirements for Radio and Telecommunication Terminal Equipment specified by European Council Directive 1999/5/EC. These requirements provide reasonable protection against harmful interference when the equipment is operated appropriately in a residential or commercial environment.



The tablet computer is intended for connection to European Networks operating on GSM 900, or GSM 1800 MHz.

Canada

IC ID: YE3801I

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

Changes and modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Industry Canada rules.

Les changements et modifications non expressément approuvés par le fabricant ou le détenteur de cet équipement peuvent annuler votre droit à utiliser cet appareil en vertu des règles d'Industrie Canada.

Antenna Statement

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Licence exempt

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This Category II radio communication device complies with Industry Canada Standard RSS-310.

Ce dispositif de radiocommunication de catégorie II respecte la norme CNR-310 d'Industrie Canada.

IMPORTANT NOTE: IC Radiation Exposure Statement

This EUT is compliant with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528. This equipment should be installed and operated with minimum distance 0.5 cm between the radiator & your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. The County Code Selection feature is disabled for products marketed in the US/Canada.

IC SAR warning

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has been evaluated for and shown compliant with the IC Specific Absorption Rate ("SAR") limits when installed in specific host products operated in portable exposure conditions.

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a été évalué et démontré conforme aux limites SAR (Specific Absorption Rate – Taux d'absorption spécifique) d'IC lorsqu'il est installé dans des produits hôtes particuliers qui fonctionnent dans des conditions d'exposition à des appareils portables.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems; the maximum antenna gain permitted (for devices in the bands 5250-5350 MHz and 5470-5725 MHz) to comply with the e.i.r.p. limit; and The maximum antenna gain permitted (for devices in the band 5725-5850 MHz) to comply with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate, as stated in section A9.2(3). In addition, High-power radars are allocated as primary users (meaning they have priority) of the band 5250-5350 MHz and this radar could cause interference and/or damage to LE-LAN devices.

U.S.

FCC ID: YE3801I

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and the receiver.

– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

– Consult the dealer or an experienced radio/TV technician for help.

Changes and modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commission rules.

The radios in this device have been designed and manufactured to not exceed stipulated emission limits for exposure to radio frequency (RF) energy as required by the Federal Communications Commission of the U.S. Government 47 C.F.R. § 2.1091 and 2.1093.

The external antenna connector provided in this device is for GNSS antennas only.

Operation on the 5.15-5.25GHz frequency band is restricted to indoor use only. The FCC requires indoor use for the 5.15-5.25GHz band to reduce the potential for harmful interference to co-channel Mobile Satellite Systems. Therefore, it will only transmit on the 5.25-5.35 GHz, 5.47-5.725 GHz and 5.725 –5.850 GHz band when associated with an access point (AP).

CE

a. Caution:

• Risk of explosion if battery replaced by an incorrect type.

• Dispose of used batteries according to the instructions.

b. Make sure the temperature for adapter will not be higher than 40 ˚C.

Limited Warranty Terms and Conditions

Product Limited Warranty

Subject to the terms and conditions set forth herein, Trimble Inc. ("Trimble") warrants that for a period of (1) year from date of purchase this Trimble product (the "Product") will substantially conform to Trimble's publicly available specifications for the Product and that the hardware and any storage media components of the Product will be substantially free from defects in materials and workmanship.

Product Software

Product software, whether built into hardware circuitry as firmware, provided as a standalone computer software product, embedded in flash memory, or stored on magnetic or other media, is licensed solely for use with or as an integral part of the Product and is not sold. The terms of the end user license agreement, as included below, govern the use of the Product Software, including any differing limited warranty terms, exclusions and limitations, which shall control over the terms and conditions set forth in the limited Product warranty.

Warranty Remedies

If the Trimble Product fails during the warranty period for reasons covered by this limited warranty and you notify Trimble of such failure during the warranty period, Trimble will repair OR replace the nonconforming Product with new, equivalent to new, or reconditioned parts or Product, OR refund the Product purchase price paid by you, at Trimble's option, upon your return of the Product in accordance with Trimble's product return procedures then in effect.

How to Obtain Warranty Service

To obtain warranty service for the Product, it is recommended you contact your Trimble dealer. Alternatively, you may contact Trimble to request warranty service by emailing Repair_Services@Trimble.com. Please be prepared to provide:

– your name, address, and telephone numbers;

– product name, part number and serial number;

– proof of purchase;

– an explanation of the problem.

The customer service representative may need additional information from you depending on the nature of the problem.

Warranty Exclusions and Disclaimer

This Product limited warranty shall only apply in the event and to the extent that (i) the Product is properly and correctly installed, configured, interfaced, maintained, stored, and operated in accordance with Trimble's applicable operator's manual and specifications, and; (ii) the Product is not modified or misused. This Product limited warranty shall not apply to, and Trimble shall not be responsible for, defects or performance problems resulting from (i) the combination or utilization of the Product with hardware or software products, information, data, systems, interfaces, or devices not made, supplied, or specified by Trimble; (ii) the operation of the Product under any specification other than, or in addition to, Trimble's standard specifications for its products; (iii) the unauthorized installation, modification, or use of the Product; (iv) damage caused by: accident, lightning or other electrical discharge, fresh or salt water immersion or spray (outside of Product specifications); or exposure to environmental conditions for which the Product is not intended; (v) normal wear and tear on consumable parts (e.g., batteries); or (vi) cosmetic damage. Trimble does not warrant or guarantee the results obtained through the use of the Product or Software, or that software components will operate error free.

NOTICE REGARDING PRODUCTS EQUIPPED WITH TECHNOLOGY CAPABLE OF TRACKING SATELLITE SIGNALS FROM SATELLITE BASED AUGMENTATION SYSTEMS (SBAS) (WAAS, EGNOS, GAGAN, MSAS AND LUCH), OMNISTAR, BEIDOU, GPS, GALILEO OR GLONASS SATELLITES, OR FROM IALA BEACON SOURCES: TRIMBLE IS NOT RESPONSIBLE FOR THE OPERATION OR FAILURE OF OPERATION OF ANY SATELLITE BASED POSITIONING SYSTEM OR THE AVAILABILITY OF ANY SATELLITE BASED POSITIONING SIGNALS.

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NOTE: THE ABOVE TRIMBLE LIMITED WARRANTY PROVISIONS WILL NOT APPLY TO PRODUCTS PURCHASED IN THOSE JURISDICTIONS (E.G., MEMBER STATES OF THE EUROPEAN ECONOMIC AREA) IN WHICH PRODUCT WARRANTIES ARE THE RESPONSIBILITY OF THE LOCAL DEALER FROM WHOM THE PRODUCTS ARE ACQUIRED. IN SUCH A CASE, PLEASE CONTACT YOUR TRIMBLE DEALER FOR APPLICABLE WARRANTY INFORMATION.

Notice to Australian Purchasers - The Australian Consumer Law

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Trimble's warranty, as set out in the user manual accompanying this statement, or as described in the warranty card accompanying the Product you purchased, is in addition to any mandatory rights and remedies that you may have under the Australian Consumer Law.

Official Language

THE OFFICIAL LANGUAGE OF THESE TERMS AND CONDITIONS IS ENGLISH. IN THE EVENT OF A CONFLICT BETWEEN ENGLISH AND OTHER LANGUAGE VERSIONS, THE ENGLISH LANGUAGE SHALL CONTROL

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1 LIMITED WARRANTY FOR TRIMBLE PRODUCT SOFTWARE

1.1 Limited Warranty. Trimble warrants that the Software, exclusive of the Microsoft Software, will perform substantially in accordance with the accompanying written materials for a period of twelve (12) months from the date of purchase. This limited warranty gives you specific legal rights; you may have others, which vary from state/jurisdiction to state/jurisdiction. The above limited warranty does not apply to Fixes, Minor Updates, or Major Upgrades of the Software after expiration of the twelve (12) month limited warranty period, all of which are provided "AS IS" and without warranty unless otherwise specified in writing by Trimble. Because the Software is inherently complex and may not be completely free of nonconformities, defects or errors, you are advised to verify your work. Trimble does not warrant that the Software will operate error free or uninterrupted, will meet your needs or

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For purposes of this warranty the following definitions shall apply : (1) "Fix(es)" means an error correction or other update created to fix a previous software version that does not substantially conform to its Trimble specifications; (2) "Minor Update" occurs when enhancements are made to current features in a software program; and (3) "Major Upgrade" occurs when significant new features are added to software, or when a new product containing new features replaces the further development of a current product line. Trimble reserves the right to determine, in its sole discretion, what constitutes a Fix, Minor Update, or Major Upgrade.

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2 TRIMBLE LIMITATION OF LIABILITY

2.1 LIMITATION OF LIABILITY. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL TRIMBLE OR ITS SUPPLIERS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, LOSS OF BUSINESS INFORMATION, OR ANY OTHER PECUNIARY LOSS) ARISING OUT OF THE USE OR INABILITY TO USE THE SOFTWARE, OR THE PROVISION OF OR FAILURE TO PROVIDE SUPPORT SERVICES, EVEN IF TRIMBLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY EXCLUSIVE REMEDY PROVIDED IN THIS EULA.

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3 GENERAL

3.1 This EULA shall be governed by the laws of the State of California and applicable United States Federal law without reference to "conflict of laws" principles or provisions. The United Nations Convention on Contracts for the International Sale of Goods will not apply to this EULA. Jurisdiction and venue of any dispute or court action arising from or related to this EULA or the Software shall lie exclusively in or be transferred to the courts the County of Santa Clara, California, and/or the United States District Court for the Northern District of California. You hereby consent and agree not to contest, such jurisdiction, venue and governing law.

3.2 Section 3.1 notwithstanding, if you acquired this product in Canada, this EULA is governed by the laws of the Province of Ontario, Canada. In such case each of the parties to this EULA irrevocably attorns to the jurisdiction of the courts of the Province of Ontario and further agrees to commence any litigation that may arise under this EULA in the courts located in the Judicial District of York, Province of Ontario. If you acquired this product in the European Union, this EULA is governed by the laws of The Netherlands, excluding its rules governing conflicts of laws and excluding the United Nations Convention on the International Sale of Goods. In such case each of the parties to this EULA irrevocably attorns to the jurisdiction of the courts of The Netherlands and further agrees to commence any litigation that may arise under this EULA in the courts of The Hague, The Netherlands.

3.3 Trimble reserves all rights not expressly granted by this EULA.

3.4 Official Language. The official language of this EULA and of any documents relating thereto is English. For purposes of interpretation, or in the event of a conflict between English and versions of this EULA or related documents in any other language, the English language version shall be controlling.

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Safety information

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Read this guide for important safety and health information and the terms of the Limited Warranty that apply to the Trimble® T10 tablet that you have purchased. Keep all printed guides for future reference. Failure to follow instructions and properly set up, use, and care for this product can increase the risk of serious injury or death, or damage the device or devices.

Battery safety

Lithium-Ion batteries are classified by the U. S. Federal Government as non-hazardous waste and are safe for disposal in the normal municipal waste stream. These batteries contain recyclable materials and are accepted for recycling. Dispose of used batteries in accordance with local regulations.

⚠ WARNING – Non-approved batteries will not function in the device. Use only the battery for the system for which it was specified. Only use the battery with a charging system that has been qualified with the system per this standard. Use of an unqualified battery or charger may present a risk of fire, explosion, leakage, or other hazard.

⚠ WARNING – There are no user-serviceable parts in the battery pack. Do not disassemble or open, crush, bend or deform, puncture, or shred the battery. Do not modify or remanufacture, attempt to insert foreign objects into the battery, immerse or expose to water or other liquids, or expose to fire, explosion, or other hazard. Do not expose to temperatures above +70 °C (+158 °F).

⚠ WARNING – Improper battery use may result in a fire, explosion, or other hazard.

- Do not short circuit a battery or allow metallic or conductive objects to contact the battery terminals.
- Avoid dropping the device or battery. If dropped, especially on a hard surface, and the user suspects damage to the battery, take it to a service center for inspection.
- In the event of a battery leak, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with large amounts of water and seek medical advice.
- Battery usage by children should be supervised.

Power supply safety

⚠ WARNING – Use only AC and vehicle adapters intended for the device. Other external power sources may damage your product and void the warranty.

- Ensure the input voltage on the adapter matches the voltage in your location. Ensure the adapter has prongs compatible with your outlets.
- The AC power supply is designed for indoor use only. Avoid using the AC power supply in wet areas.
- Unplug the power supply from power when not in use.
- Do not short the output connector.

Touch screen glass

⚠ CAUTION – The touch screen on this device is made of glass. This glass could break if the device is dropped on a hard surface or receives a significant impact. If the glass chips or cracks, do not touch or attempt to remove the broken glass. Cracked or chipped glass due to misuse or abuse is not covered under the product's limited warranty.

Service safety

⚠ WARNING – Do not attempt to take apart, open, service, or modify the product, accessories, or power supply. Doing so could present the risk of electric shock or other hazard. Any evidence of any attempt to open and/or modify this device, including any peeling, puncturing, or removal of any of the labels, will void the Limited Warranty.

Safe environments of use

⚠ WARNING – Areas with potentially explosive atmospheres are often, but not always, posted and can include fueling areas, such as below decks on boats, fuel or chemical transfer or storage facilities, or areas where the air contains chemicals or particles, such as grain dust, or metal powders. When you are in such an area, turn off your device, and do not remove or install battery chargers, AC adapters, or any other accessory. In such areas, sparks can occur and cause an explosion or fire.

Distraction

⚠ WARNING – Using the device in some circumstances can distract you and may cause a dangerous situation. Observe rules that prohibit or restrict the use of devices (for example, avoid operating the device while driving a vehicle).

Telecommunications & Internet Association (TIA)

Hearing Aids: Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

Pacemakers and Other Medical Devices: The Health Industry Manufacturers Association recommends a minimum separation of six inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers should use the ear opposite the pacemaker to minimize the potential for interference. If you have any reason to suspect that interference is taking place, turn the phone OFF immediately.

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn the phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

SAR

This device complies with FCC and CE standards when used as designed.

Caring for your device

Cleaning

Turn off the device, and disconnect it from external power. Use a soft, dampened cloth with either water or a diluted mild detergent. If a mild detergent is used, ensure all soap residue is removed. Do not use chemical cleaners.

Touchscreen care

The rugged T10 tablet is rated IP65, and is designed to withstand extreme conditions and harsh treatment, however taking proper care of the touchscreen will prolong the life and ensure optimal display performance of the touchscreen of this product. Excessive or prolonged exposure to abrasives, oil, dust, chemicals, and ultraviolet light can affect the performance of your touchscreen over time.

To help protect the screen:

- Clean it frequently. Use a soft, lint-free cloth to wipe the screen. You can dampen the cloth with water or an eyeglass cleaner.

  ⚠ WARNING – Make sure that all ports and doors are fully closed, and that the device is not connected to an external power supply. Do not use chemical or abrasive cleaners.

- Keep it covered when not in use. Store the T10 tablet in a carry case while you are in transit or not using it.
- Keep it out of the sun when not in use. Do not store the T10 tablet in direct sunlight for a long time unnecessarily. Ultraviolet light and excessive heat from sun-loading heat can damage the display.
- Use proper touchscreen tools. Use either fingers or the T10 tablet's Digital Pen, or other devices specifically designed for use with capacitive touchscreens to operate the touchscreen of this device. The use of ballpoint pens, metal tools or other sharp objects to operate the touchscreen may scratch and/or damage the surface of the touchscreen.

- **Avoid drops, tumbles, and abrasives**. The T10 tablet is designed to resist damage for drops up to 122 cm (4 feet) onto hard surfaces such as wood and concrete. However, you should protect the display from impact, pressure, and abrasive substances that can scratch it or crack it. The device should not be dropped unnecessarily. Use the screen protectors to keep the touchscreen clean and protected, following the instructions provided on the screen protector packaging.

Battery care

Use and storage temperature: Lithium-ion batteries are sensitive to high temperatures, so keep the device's batteries out of direct sun for long periods, and do not leave batteries in a hot car, especially on a dashboard in full sun or other environments where temperatures can exceed +70 °C (+158 °F). Battery life can be shortened if stored, charged, or operated outside of these temperature ranges. Recommended storage temperature is at room temperature (~+20 °C / +68 °F). When you are using the device or charging the battery pack, it is normal for the device and battery pack to get warm.

If the interior temperature of the device exceeds normal operating temperatures (for example, in a hot car or in direct sunlight for extended periods of time), you may experience the following as it attempts to regulate its temperature automatically:

- The device stops charging.
- If the device cannot regulate its internal temperature, it may go into a Sleep state until it cools (see Sleep state, page 28).

Move the device to a cooler location out of direct sunlight and wait a few minutes before trying to use the device again.

Charging: Recharge the battery any time; the battery pack does not need to be empty or low before you recharge it. However, it is best to let the battery run to below 10 percent at least once a month before you recharge it. Use only the manufacturer designated charging accessories to recharge the batteries. Charge only at temperatures between 0 °C and +45 °C (32 °F and 113 °F) for best battery life and performance.

Other environmental conditions: Battery packs are IP65-rated, sealed from water and dust ingress, and are tested for protection from drops **when in the tablet** from heights up to 1.22m. However, to prolong the life of the battery pack, dry it off with a cloth if it becomes wet, protect the contacts from moisture and short-circuiting, do not intentionally submerge the battery, and take care to avoid unnecessary drops, mechanical shocks, and vibrations.

The T10 tablet is designed to work in ambient temperatures between -20 °C and 60 °C (-4 °F and 140 °F) and to be stored (without the battery) in temperatures between -55 °C and 70 °C (-67 °F and 158 °F). Avoid exposing the device to dramatic changes in temperature or humidity.

Product specifications

Operating System	Microsoft Windows 10 IoT Enterprise, 64-bit
Processor	Intel® 6th Generation Core™ i7 (Intel i7-6500U)
Graphics	Intel HD Graphics 520
RAM	8 GB (LPDDR3)
User storage	256 GB; or 4G version - 512 GB (SSD)
Display	10.1" LED-backlight screen with 10-point capacitive multi-touch 1920 x 1200 pixels Digital Pen support
Battery & Power	Standard capacity 5400 mAh / 11.4 V Enhanced capacity 8000 mAh / 11.4 V Charge time: 4.5 hours (standard battery) Hot swappable (Back-up Battery ~2 minutes)
I/O module connectors	USB 3.0 DC power input (1.7 mm DC in) Office docking connector
Audio	Speaker (2W) Microphone 3.5mm audio-jack headset connector
Bluetooth	BT 4.0
Wi-Fi	2.4 GHz / 5 GHz 802.11 a/b/g/n/ac
4G Mobile broadband (optional)	Nano SIM • LTE B2, B4, B5, B13, B17 and B25 , HSPA+, GSM/GPRS/EDGE, North America (Sierra Wireless MC7354) • LTE B1, B3, B7, B8 and B20, HSPA+, GSM/GPRS/EDGE, International (Sierra Wireless MC7304)

GNSS	u-blox Neo-M8T (Wi-Fi, 4G), u-blox Neo-M8 (2.4 GHz spread-spectrum radio version) 72 channels GPS L1 C/A, GLONASS, Beidou, QZSS, SBAS Integrated Real-time: SBAS (EGNOS, WAAS, MSAS, GAGAN), 2-5 meter typical Dual constellation: GPS+GLONASS, or GPS+Beidou
Camera	5MP, Auto Focus
Sensors	Accelerometer E-Compass

Environmental	• Water and Dust Ingress Protection: IP65 - IEC 60529 Edition 2.2:2013
	• Vibration and Shock Resistance:
	  • MIL-STD-810G w/Change 1, Method 514.7, Procedure-I: General vibration.
	  • MIL-STD-810G w/Change 1, Method 516.7, Procedure-I: Functional shock.
	  • MIL-STD-810G w/Change 1, Method 516.7, Procedure-IV: Transit drop.
	• EMI / EMC Tolerance: MIL-STD-461F
	• Operating temperature: -20 °C to +60 °C (-4 °F to 140 °F)
	• Storage temperature (without the battery): -55 °C to +70 °C (-67 °F to 158 °F)
	• Humid environment storage and operation - 0%-90% non-condensing conditions:
	  • MIL-STD-810G w/Change 1, Method 502.6, Procedure I-Storage
	  • MIL-STD-810G w/Change 1, Method 502.6, Procedure II-Operating
	  • MIL-STD-810G w/Change 1, Method 501.6, Procedure I: Table 501.6-III. High Temperature cycles, climatic category A1-Hot Dry

	• MIL-STD-810G w/Change 1, Method 501.6, Procedure II: Table 501.6-II. High Temperature cycles, climatic category A2-Basic Hot • MIL-STD-810G w/Change 1, Method 507.6, Procedure-I: Table 507.6-I. High humidity diurnal categories, Induced.
Mechanical	7.5x10.7x0.86 in (HxWxD) 3.1 lbs

Regulatory	• Tablet
	  • FCC part 15 CLASS B, part 22h, part 24E, part 27
	  • IC: RSS-130, RSS-132, RSS-133, RSS-139, RSS-247
	  • CE: EMC RED Article 3.1(b), Radio RED Article 3.2, Health RED Article 3.1(a)
	  • MIL-STD-461: RE101, RE102, RS101, RS103 IEC 60950-1 CB
	• Battery
	  • UN38.3, UL2054+UN60950-1, UL1642, IEC 621113 + IEC60950-1, CE EMC, CQC

1

Introduction

- Registration
- Configuration options
- In the box
- Replacement and spare or optional accessories
- Parts of the T10 tablet

This user guide describes how to configure and use the Trimble T10 tablet powered by the Microsoft® Windows® 10 IoT Enterprise operating system. The information in this guide supplements the information in the Quick Start Guide, which you received in the box with the device.

Even if you have used other Trimble® handheld or tablet field computers before, it is recommends that you spend some time reading this guide to learn about the special features of the product.

⚠ WARNING – Before you use this product, make sure that you have read and understood all safety requirements. Failure to follow these safety instructions could result in fire, electric shock, or other injury, or damage to the tablet computer and/or other property. For more information refer to Safety information, page 12 of this guide.

Registration

To receive information regarding updates and new products, contact your local dealer or visit the Trimble customer registration website at www.trimble.com/register. When you have registered, you can select the newsletter, upgrade, or new product information.

To register your device, you will need the serial number. The serial number is a unique number of your T10 tablet and is located on a label inside the battery cavity.



Configuration options

The T10 tablet is powered by the Windows 10 IoT Enterprise operating system, and is available in the following main configurations:

	T10 (Wi-Fi)	T10 (4G)	T10 (2.4 GHZ Spread-Spectrum Radio)
WLAN (Wi-Fi)	Yes	Yes	Yes
4G Data	No	Yes	Yes
2.4 GHZ Spread-Spectrum 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

In the box

A standard pack-out has the following items:

- Trimble T10 tablet with battery pack (standard) and handstrap
- AC-DC power adapter with power cord (international version with adapters)
- Digital Pen, with tether and mounting clip
- Quick Start Guide
- Screen protector
- External antenna (2.4 GHz spread-spectrum radio version only)

Replacement and spare or optional accessories

A wide range of replacement and optional accessories are available to purchase for the T10 tablet, including:

P/N	
114107	Trimble T10 Stylus, See Using the Digital Pen, page 32.
114108	Trimble T10 Handstrap
114109	Trimble T10 Screen Protector (single)
114110	Standard Capacity Battery - BPack,Li-Ion,INDUS,3S1P,11.4V,5400mAHr,123x147x12.4mm
114111	Extended Capacity Battery - BPack,Li-Ion,INDUS,3S2P,11.4V,8000mAHr,123x147x18.4mm
114112	Trimble T10 AC Adapter with power cord (19V/65W out)
114113	Trimble T10 Battery Charger Kit / single battery
114114	Trimble T10 Battery Charger / gang charger
114115	Trimble T10 Vehicle Power Supply, 11-16V DC, 19V/65W out
114116	Trimble T10 Keyboard with Trackpad (US). See Using the keyboard, page 53.
114118	Trimble T10 Keyboard with Trackpad (German)
114119	Trimble T10 Office Dock (w.o. AC Adapter). See Using the office dock, page 52.
114120	Trimble T10 AC Adapter cable with international plugs
114121	Trimble T10 Tablet Pole mount, with quick release. See Mounting the tablet on a pole, page 53.
114122	Trimble T10 Vehicle Mount Cradle
114123	Trimble T10 Vehicle Mount with keyboard & trackpad
114124	Trimble T10 Carrying case
114125	Trimble T10 Shoulder Strap

Parts of the T10 tablet



1 Headphone Jack 3.5 mm

2 USB 3.0 Port

3 DC Power Input

4 Battery / Power LED

5 Power Button

6 Programmable Buttons

7 Docking Connector

8 Battery Latch with Dust Cover

9 Camera

10 RF Switch

11 Access to SIM card slot

⚠ WARNING – DO NOT attempt to open the cover on the right side of the tablet.



2

Basic setup and operation

- Installing and removing the battery packs
- Installing a SIM card
- Installing a screen protector
- Charging and power modes
- Using the touchscreen
- Using a USB or Bluetooth mouse and keyboard
- Using the Digital Pen
- Using the programmable buttons

This section tells you how to get started using your T10 tablet.

When you start your T10 tablet for the first time, the Microsoft Windows operating system will take you through some basic set-up steps; follow the instructions on the screen.

For more details on setting up and using the Windows 10 operating system see Using the Windows 10 operating system and Get Started with Windows 10 on the Microsoft Windows support website.

Installing and removing the battery packs

The battery pack in the T10 tablet can be charged inside the device, or using the Battery charger accessory (Trimble T10 Battery Charger Kit / single battery P/N 114113 or Trimble T10 Battery Charger / gang charger P/N 114114).

The battery pack in the T10 tablet is also hot swappable; you can remove the battery pack while the T10 tablet is still running, and replace it with a freshly charged battery pack without shutting down or needing to restart the device.

Installing the battery pack

1. To install a battery pack, push the battery lock switch (8 - see Parts of the T10 tablet, page 23) up to unlock the latch.
2. Slot the battery pack into place, pushing until it clicks (the battery latch will flick left then right). Then push the battery lock switch (8) down to lock the battery pack in place.

Removing the battery pack

1. To remove a battery pack, push the battery lock switch (8) up to unlock the latch, then push and hold the latch to the left.
2. Lift the battery pack up and out.

NOTE – The device consumes electricity even when it is off.

Installing a SIM card

If your device is equipped with a 4G cellulular data modem, you will need a nano SIM card and a data plan from your local cellular service provider to use this feature. If you are unsure, check with your mobile operator.

CAUTION – The SIM panel cover can be damaged if handled carelessly; take care not to twist or warp it when opening or closing.

1. If the device is on, turn it off; tap-hold ⊞, then tap **Shut down or sign out**/ **Shut down**.
2. Remove the six screws that hold the SIM panel cover (11 - see Parts of the T10 tablet, page 23) in place on the back of the tablet.
3. Slide the SIM panel cover to the open position.
4. Place your SIM card into the SIM card holder, ensuring its orientation is correct as shown on the device. Take care not to pull on the cables.
5. Push the SIM card into the SIM card holder until it locks in place.
6. Replace the SIM panel cover, and reinsert and tighten the six screws.

Installing a screen protector

The T10 tablet is fitted with a chemically strengthened Gorilla Glass touchscreen which is highly resistant to abrasion and impact damage. However to ensure maximum protection, it is recommended that you use aTrimble-approved T10 tablet screen protector.

To install a screen protector:

1. Place the device on a clean, flat surface.
2. Clean the touchscreen with a damp cloth, alcohol wipe or similar.
3. Polish and dry the screen to remove any dust with a lint-free cleaning cloth.
4. Remove the protective film from the screen protector.
5. Align the screen protector with the glass portion of the display. Use the edge of the display as a guide. The screen protector should line up evenly with the edge of the keypad and the edges of the device.
6. Carefully lay the screen protector down on the screen. If you make a mistake and the glass looks off-center, you can gently lift the screen protector up and realign it. Then, once the protector is on the screen, give it a soft press in the center and allow the adhesive surface to grip to the screen naturally.
7. If there are any bubbles remaining, use the cloth provided to gently smooth them toward the edges of the screen protector.

For more information on where to purchase the correct screen protector for your device, contact your local Trimble reseller.

Charging and power modes

It takes up to 4.5 hours to charge the T10 tablet battery from an empty state. It may take longer if you are using your device for standard power-intensive activities, for example using GNSS or processing a lot of data while you are charging it.

Charging the battery

1. Connect the appropriate international plug adapter for your region to the AC adapter.
2. Connect the power cord to the charging port on the device.
3. Plug the power supply into an electrical outlet.

A blue battery LED on the front left of the tablet shows the charging status. When connected to mains power (battery is charged/ charging), this shows:

- Battery capacity 100%: Solid blue
- Battery capacity <100%: Flashing blue

When not connected to mains power (battery is disharging), it shows:

- Battery capacity is between 100% and 25%: Solid blue
- Battery capacity is between <25% and 10%: Solid orange
- Battery capacity is < 10%: Flashing orange

Turning the device on

To turn on the device, push and quickly release the Power button (5 - see Parts of the T10 tablet, page 23).

NOTE – Do not press the Power button repeatedly; do not hold the power key for four seconds or longer.

Power options

The Windows 10 Pro operating system comes with pre-defined power options (Balanced, Power Saver, and High Performance). To access Power Options:

1. On the Desktop, tap the **Battery icon** in the **Notifications** bar at the bottom right of the screen, then tap **Power & sleep settings**.
2. Make sure **Power & sleep** is selected in the list on the left, then under **Related settings**, tap **Additional power settings**.

By default, the tablet computer is in Balanced mode.

You can also set the times for the screen to turn off, and the device to go into Sleep state here.

Sleep state

If you do not use your device for a number of minutes (as set under **Power & sleep settings** / **Power & sleep**) the screen turns off and the device goes into a power-saving Sleep state. The Sleep state enables your device to resume quickly when you want to start working again.

You can also manually place the device into Sleep state; tap-hold ⊞, then tap **Shut down or sign out**/ **Sleep**.

TIP – You can also access the **Sleep** option from the quick-access Power options above the ⊞ icon; tap ⊞, then tap the quick-access Power icon, then tap **Sleep**.

To wake the device from Sleep state, press the Power button. After waking your device, to unlock it:

1. Swipe up from the bottom edge of the screen.
2. At the sign-in screen, tap **Sign in** and if required enter your password or PIN.

NOTE – Sleep state is different from the screen 'turning off' to save power, from which you can 'wake' the screen by tapping / swiping it.

Restarting the device

To restart your device, tap-hold ⊞, then tap **Shut down or sign out**/ **Restart**.

TIP – You can also access the **Restart** option from the quick-access Power options above the ⊞ icon; tap ⊞, then tap the quick-access Power icon, then tap **Restart**.

Turning off the device

To turn off the device, tap-hold ⊞, then tap **Shut down or sign out**/ **Shut down**.

For information on customizing power management features, see Power options, page 28.

TIP – You can also access the **Shut down** option from the quick-access Power options above the ⊞ icon; tap ⊞, then tap the quick-access Power icon, then tap **Shut down**.

Checking the battery charge

You can check the battery charge:

- on the Lock screen. When you wake the device, the battery status appears in the lower-right corner of the Lock screen.
- on the Desktop taskbar. The battery status appears on the right side of the taskbar. Tap the battery icon for information about the charging and battery status, including the charge percent remaining.
- on the Status bar. The battery status appears in the top-right corner of the status bar. To access the detailed battery charge from the lock screen, swipe down from the top of the display.

Making your battery last longer

Following are some practical suggestions that you can do to maximize the operating time of the battery:

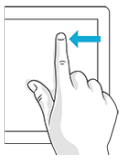
- Enable Power Management, and choose a power plan that saves power. A power plan is a collection of hardware and system settings that control how the device manages power.
- Decrease the display brightness to the lowest comfortable level.
- Shorten the length of time before the operating system turns off the display.
- If you use a USB flash drive, unplug it when you are not using it. Many USB devices use power just by being connected.
- Turn off the wireless radios when you are not using them. See Connecting to and using wireless networks, page 40.
- Turn off the tablet computer when you are not using it. See Turning off the device, page 29.

For more information on making your battery charge last longer, refer to the help topic on *Battery Saving tips on the Windows 10* support site on www.microsoft.com.

Using the touchscreen

Your T10 tablet can be easily operated with the touchscreen (using your fingers or the Digital Pen), a mouse, and the keypad. You can easily switch between any of these input methods. The main input gestures and functions supported on this device are:

Tap 	Tap once on something.	Opens/executes the action of what you tap on. To enter text, tap where you want to type; the onscreen keypad displays.
Press and hold 	Press and hold your finger or the Digital Pen down for a few seconds.	Shows a menu with options related to what you're doing (like right-clicking with a mouse). On the pop-up menu that appears, tap the action you want to perform.
Double-tap 	Double-tap on something.	Tap quickly twice on a webpage, map, or other screen to zoom. Double-tapping after pinching to zoom in some apps, such as Browser, reflows a column of text to fit the width of the screen.
Slide / swipe 	Slide / swipe your finger or the Digital Pen across the screen.	Scrolls through what's on the screen. Quickly move your finger across the surface of the screen, without pausing when you first touch it, to scroll a page or a list up or down. Scrolls vertically or horizontally.
Drag 	Drag your finger or the Digital Pen across the screen.	Hold your finger or the Digital Pen on an item for a moment and then, without lifting your finger/the Digital Pen, move across the screen until you reach the target position. • Drag in a list to select multiple items. • Drag items on the screen to reposition them.
Pinch / stretch 	Pinch your thumb and forefinger together or move them apart.	Zooms in or out of a website, map, or picture.

Rotate 	Put two or more fingers on an item and then turn your hand.	
Swipe from edge 	Swipe in from an edge of the screen.	• Left edge swipe. Displays the Task View, the universal task-switching interface. See Using Task View and virtual desktops, page 37 • Right edge swipe. Displays the Action Center. See Using the Action Center, page 36. • Top edge swipe. Displays the Notification bar. • Bottom edge swipe. Displays the taskbar when the currently-running app is displayed full screen.

Using the onscreen keypad

You can type on the device using the touchscreen keypad. To access the onscreen keypad, tap in a text field. To hide the keypad, tap X in the top right corner of the keypad.

NOTE – You can also use an external keyboard with the tablet; see Using the keyboard, page 53 or Using the office dock, page 52.

Using Trimble software that provides a keypad

The T10 tablet operating system provides an on-screen (touch) keypad. If you use Trimble software that also provides an on-screen keypad, when you run the software on the T10 tablet, you may have two keypads appearing whenever you are in a text field in the software. To prevent this, configure the keypad settings correctly in the Windows 10 operating system and in the software.

To use the operating system keypad:

1. Configure the Trimble software to use the operating system's keypad. Refer to the user documentation for the software for full details; typically, in the **Keyboard** list, select **Operating system**.
2. From the Windows desktop, swipe in from the right to access the **Action Center.** Ensure **Tablet mode** is **On**.

To use the Trimble software keypad (preferred option when using, for example, Trimble Access software):

1. From the Windows desktop, swipe in from the right to access the **Action Center**. Ensure **Tablet mode** is **Off**.
2. Go to Windows **Settings**, tap **Devices** / **Typing** and turn off the **Show the touch keypad when not in tablet mode and there's no keyboard attached.** setting.
3. Configure the Trimble software to use the software's keypad. Refer to the user documentation for the software for full details.

Using a USB or Bluetooth mouse and keyboard

You can attach a physical keyboard, mouse and other peripherals to your device via USB or Bluetooth wireless technology. For more information see Connecting to accessories and other devices, page 52.

You can also 'dock' the T10 tablet to the optional keyboard accessory. See Using the keyboard, page 53.

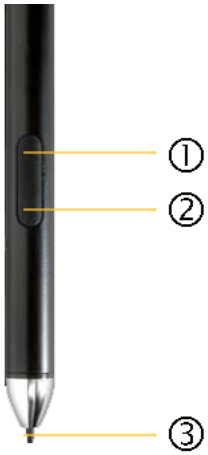
Using the Digital Pen

Take notes, draw, navigate, and mark up documents directly on the screen using the Digital Pen. The Digital Pen is an active pen based on capacitive-coupled sensing technology for use on capacitive touch screens.

The Digital Pen requires a AAAA battery.

The Digital Pen is designed to work with the tablet automatically; no Bluetooth or Wi-Fi connection is required. The Pen works once it is close to the touchscreen.

NOTE – When using the Digital Pen, the screen will not respond to finger touch.



1 Pen Button: For quick access to the right-click menu, press and hold the button, touch the screen with the Pen tip and release the button to bring up the right-click menu.

2 Eraser Button: Works as an eraser to delete markings made with the Digital Pen on the screen.

3 Pen Tip: Pressure-sensitive tip allows natural handwriting and drawing. Combined with apps that support pen pressure, the Digital Pen works like a real pen.

Replacing the battery

TIP – If the Pen is no longer responsive across the touchscreen, the battery may be depleted and may need replacing.

1. Unscrew the top cap of the Digital Pen.
2. Remove the battery, and then replace with a new AAAA battery. Replace the top cap.

Turning the Pen on / off

Click the Pen Button (1) to turn the Digital Pen on.

When the Pen has been idle for two minutes, it automatically turns off.

Using the Pen Clip to tether the Pen

Attach the Pen Clip to the rubber handstrap on the back of the tablet.

Push and insert the Digital Pen into the Pen Clip from the left or right side. Or, directly press the Digital Pen into the Pen Clip from the top.

⚠ CAUTION – Do not place the Digital Pen with the buttons facing inside the Pen Clip, as this might damage the buttons.

Caring for the Digital Pen

⚠ CAUTION – Read the instructions carefully. Failure to follow the instructions could result in damage to the Digital Pen and voiding its warranty.

- Use the Digital Pen only in accordance with the operation guide.
- Do not attempt to open or disassemble the Digital Pen (except to change the battery) as this will void the warranty.
- Do not expose the Digital Pen to extreme temperatures or direct sunlight.
- If there is any damage or broken parts, do not use the Digital Pen. Contact your reseller or service provider.
- Clean with a dry cloth. Do not use water, soap, detergent, or other chemicals.
- Operating temperature: 0 °C to +50 °C (+32 °F to +122 °F)
- Storage temperature: -30 °C to 70 °C (-22 °F to +158 °F)

Using the programmable buttons

There are 3 buttons on the front of the tablet that you can assign actions or apps to. By default, the buttons are set as follows:

- * opens the onscreen keypad.
- # opens the Ctrl+Alt+Delete screen, with options Lock, Switch User, Sign out, Change password, and Task Manager.
- + opens the Start / Most used app menu.

To assign other apps to any of the buttons, use the Button Manager app :

1. Click ^ in the lower right menu bar, then click Button Manager app.
2. Highlight the symbol above the button you want to program.
3. Select the function and/or parameters you want to assign to the selected button. Click OK.

To discard your changes, click Cancel / Default to go back to the default settings.

3

Using the Windows 10 operating system

- Using accounts
- Using the Start menu
- Using the Action Center
- Using the Windows Mobility Center
- Using Task View and virtual desktops
- Settings
- Display settings: adjusting the backlight
- Display settings: rotation lock

This section introduces some basic information on using the Windows 10 Pro operating system on your T10 tablet. For comprehensive information, go to Get Started with Windows 10 on http://windows.microsoft.com.

Using accounts

When you set up your T10 tablet, an account is set up for you. You can create additional accounts later for each user of the device, so that each person using the device can have their own settings.

To set up additional accounts and to change account settings, tap ⊞, then tap the quick-access Accounts icon above the ⊞ icon. Or, go to ⊞ / **Settings** / **Accounts**.

Sign in

1. Press the Power button to turn on or wake the T10 tablet.
2. Swipe up on the screen.

3. If there are mutiple accounts set up on the tablet, select your account from the list. Tap **Sign in** and enter your password (if one has been set).

Sign out

Tap-hold , and tap **Shutdown or sign out**, then tap **Sign out**.

Using the Start menu

Tap open the **Start** menu.

At the lower left of the **Start** menu, you'll find quick links to **Account** settings, all other **Settings**, and **Power** (shut down, sleep, and restart).

The apps you've used most often appear at the top of the **Start** menu.

Tiles on **Start** act as quick links to apps. You can rearrange, resize, add, and remove tiles whenever you want. To add an app tile, tap-hold it in the **Start** menu and drag-drop it to the **Tiles** area. For more information, see Organize your apps on http://windows.microsoft.com.

Using the Action Center

Swipe in from the right edge of the screen or tap **Action Center** on the taskbar to open the Action Center. Examples of what you can use the Action Center for include:

- viewing notifications
- adjusting common settings like Wi-Fi connections or screen brightness
- creating a wireless connection to other devices

For more info, see Find your notifications on http://windows.microsoft.com.



Using the Windows Mobility Center

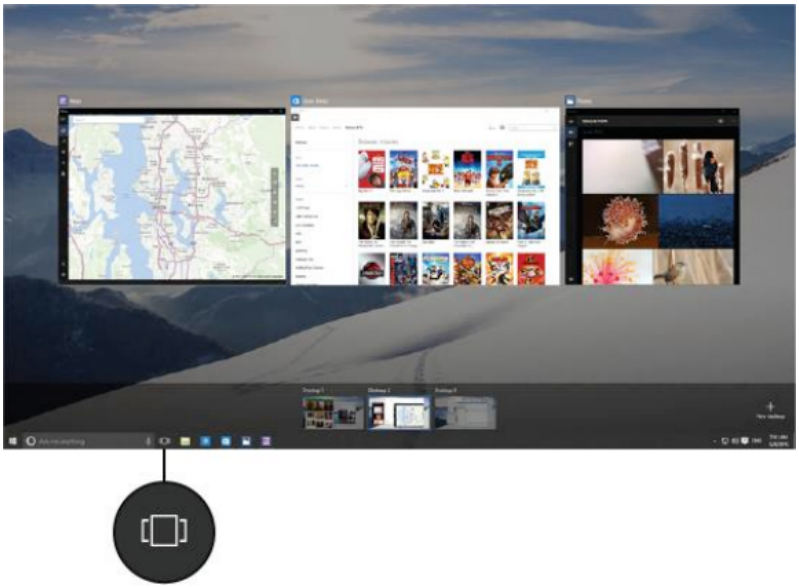
Tap-hold , and tap **Mobility Center**. Use the Mobility Center to, for example:

- view device information
- adjust common settings such as screen brightness, screen rotation, and volume
- manage Wi-Fi and Bluetooth connections

Using Task View and virtual desktops

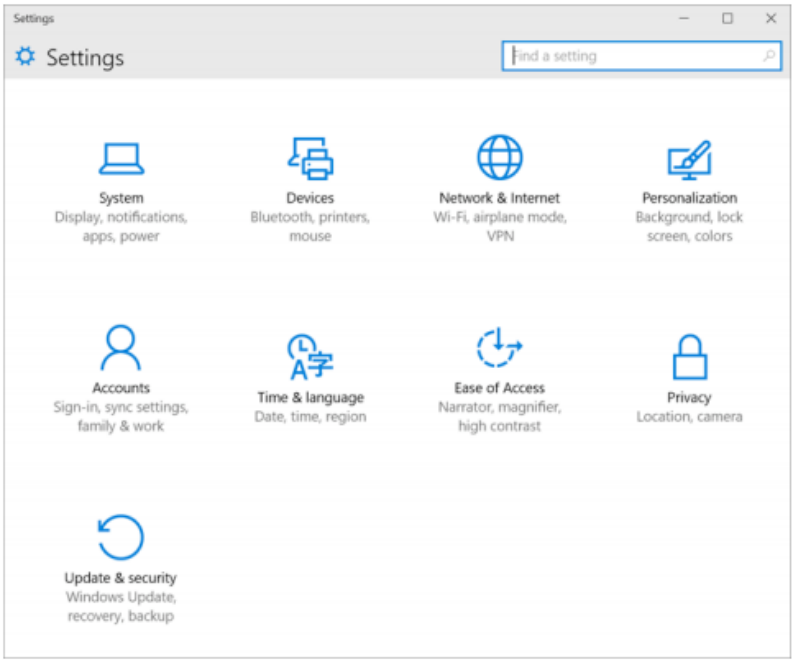
Task View allows you to quickly hide all windows and show the desktop, find an open window, and manage windows across multiple "virtual desktops".

Swipe in from the left edge of the screen or tap **Task View** on the taskbar to display all open windows, access any virtual desktops you have set so you can switch between them, and add more virtual desktops if you need to.



Settings

Tap ⊞ / Settings for access to all your settings.



Display settings: adjusting the backlight

The T10 tablet is equipped with a high brightness outdoor readable display. You can easily increase the brightness of the display to increase the readability of the device in bright sunlight conditions, or turn down the brightness to help conserve battery power when working indoors or in dull conditions. You can also have the device automatically adjust the backlight power depending on the ambient light conditions.

To quickly adjust the backlight setting:

1. Swipe in from the right edge of the screen or tap Action Center 🗨 on the taskbar to open the Action Center.
2. Tap the brightness icon ☼ to adjust the display brightness setting. The backlight cycles between 0%, 25%, 50%, 75%, and 100% power. Tap until you reach the backlight level that best suits your conditions.

To manually adjust the backlight setting:

1. Tap ⊞/ Settings / System / Display.
2. Use the brightness level slider to fine tune the display brightness level.

Display settings: rotation lock

The T10 tablet is equipped with orientation sensors that can detect if your device is in portrait or landscape orientation. The operating system can automatically adjust the display to match your device orientation, or you can lock the orientation.

To adjust the automatic display orientation feature, swipe in from the right edge of the screen or tap Action Center on the taskbar to open the Action Center, then select rotation lock to turn rotation lock on or off.

4

Connecting to and using wireless networks

- Airplane mode
- Working with Wi-Fi networks
- Working with cellular broadband (4G and 2.4 GHz spread-spectrum radio models only)
- Working with the 2.4 GHz spread-spectrum radio

The T10 tablet supports wireless connectivity, allowing you to connect to wireless networks using the built-in Wi-Fi radio (also sometimes called Wireless LAN, WLAN, or 802.11).

The T10 tablet 4G model also come with built-in cellular broadband data (also called Wireless WAN, WWAN, or cellular data) capability.

The T10 tablet 2.4 GHZ Spread-Spectrum Radio model has an integrated 2.4 GHZ Spread-Spectrum radio.

This section describes how to get online with your T10 tablet using these wireless networking capabilities.

Airplane mode

If you are travelling on an airplane, or don't need to use wireless functions on the T10 tablet for a while, use Airplane mode (RF switch on the back of the device) to turn off all wireless radios with transmitting features built into the T10 tablet, including Bluetooth, Wi-Fi, Cellular, and GNSS, as well as any wireless radios connected to the T10 tablet.

In normal working mode (that is, all wireless radios are turned on) the RF switch on the back of the device must be in the ON position.

To turn Airplane mode on (that is, to turn off all wireless radios), move the RF switch on the back of the device to the OFF position.



NOTE – You can also turn on Airplane mode from the operating system; tap the Wireless network icon in the bottom-right corner of the screen, then tap Airplane mode.

NOTE – There is no RF switch on the T10 2.4 GHz spread-spectrum radio model.

Working with Wi-Fi networks

Using Wi-Fi you can connect to a wireless network and browse the Internet, download apps, send email messages, access online services, or access other computers and devices on your network.

Before you can send and receive data over Wi-Fi, you need to turn on Wi-Fi on your T10 tablet and connect to a wireless network.

NOTE – You cannot turn on Wi-Fi if the RF switch is OFF (4G and Wi-Fi versions of the tablet only). See Airplane mode, page 40.

Connecting to Wi-Fi

1. Tap the Wireless network icon in the bottom-right corner of the screen.

   A list of available wireless networks appears.
2. Select the Wi-Fi network you want to connect to.
3. Tap **Connect**. If prompted, enter your network security key (network password), and tap **Next**.
4. If prompted, choose whether you want to share with other computers and devices on the network. Select **No** if you are connecting to a network in a public place like a café.
5. To check your connection, tap , and select **Microsoft Edge**. Some wireless networks may require you to enter a password in a browser window.

Disconnecting from a Wi-Fi network

1. Tap the Wireless network icon in the bottom-right corner of the screen.
2. Select the network that has a **Connected** status and tap **Disconnect**.

Forgetting a Wi-Fi network

If you do not want your device to automatically connect to a saved Wi-Fi network, you can forget that network.

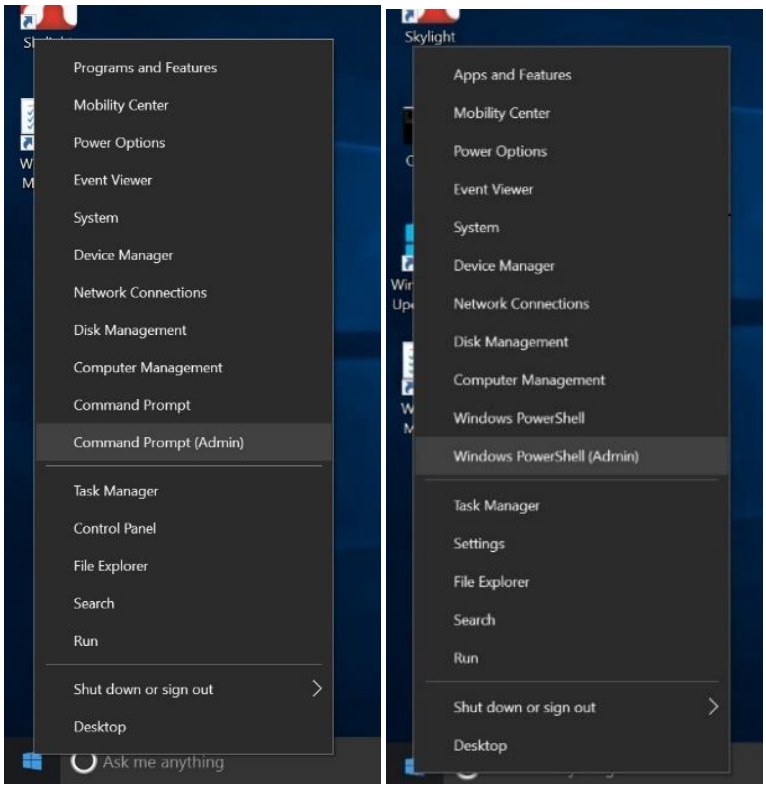
To forget a wireless network so it no longer appears in your list of networks:

1. Tap / **Settings**.
2. Select **Network and Internet** / **Wi-Fi** / **Manage known networks**.
3. Tap the network you want to forget, then tap **Forget**.

Checking the Wi-Fi Driver

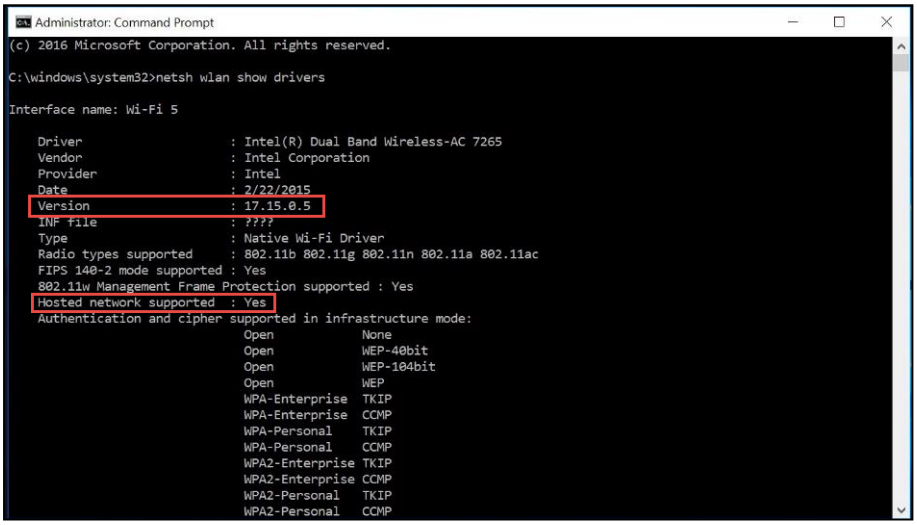
To check that the correct Ad-Hoc Wi-Fi driver is installed and selected so that the tablet can connect with a Trimble SX10 scanning total station:

1. On the T10 tablet, tap-hold and then tap **Command Prompt (Admin)** or **Windows PowerShell (Admin)**.

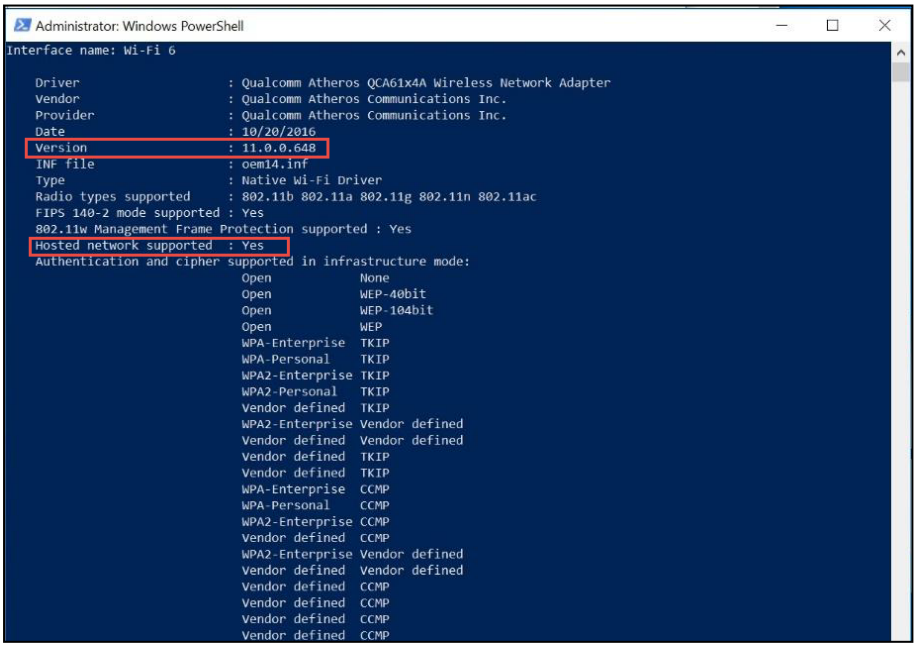


2. In the Command / PowerShell window, enter the command **netsh wlan show drivers** then tap **Enter**.
3. Check that:
   - For the **Americas version** of the T10 tablet, the **Intel driver** is version **17.15.0.5**.
   - For the **International version** of the T10 tablet, the **Qualcomm driver** version should be **11.0.0.648**.
   - For both versions, the **Hosted network supported status** is **Yes**.

Americas version - Intel Driver:



International version - Qualcomm driver:

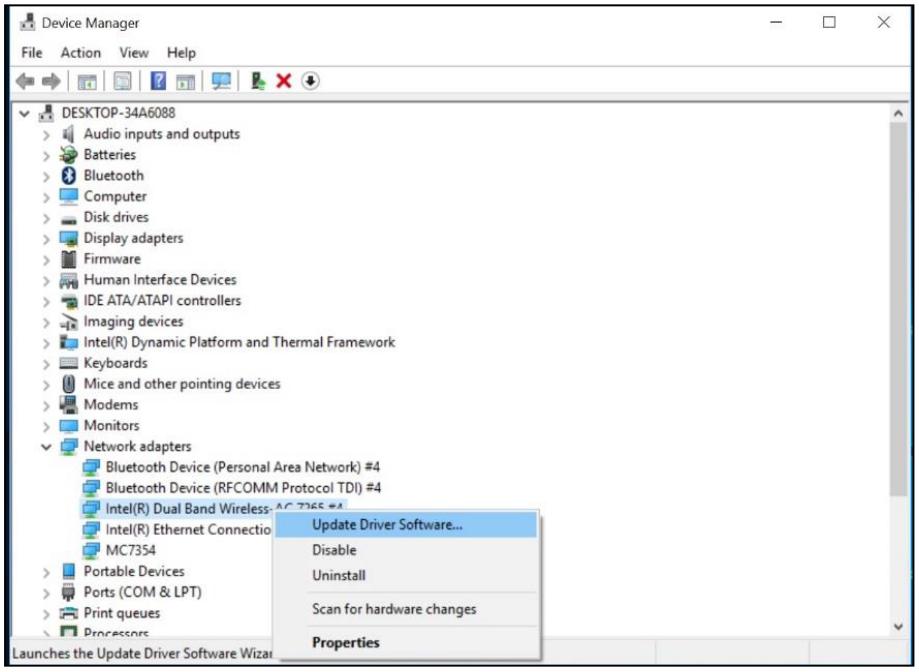


If the driver showing on your device is different without hosted network support, the Wi-Fi driver has been updated and you will need to roll back to the appropriate driver to restore Ad-Hoc Wi-Fi capability to work with the SX10 scanning total station. Follow the instructions for your version of the T10 tablet:

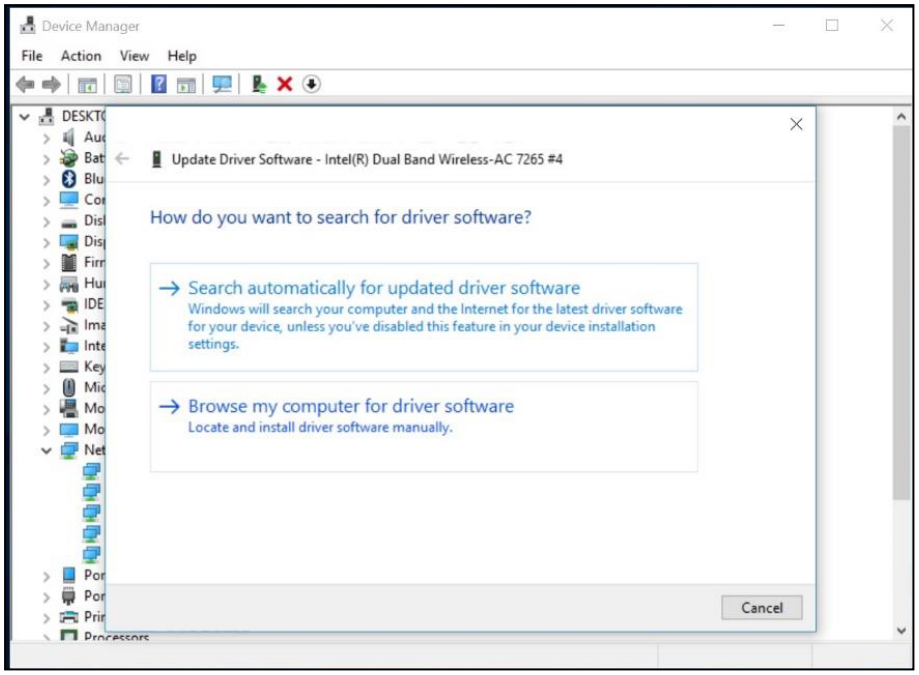
- For the Americas version - Intel Driver
- For the International version - Qualcomm Atheros QCA61x4A Wireless Network Adapter

For the Americas version - Intel Driver

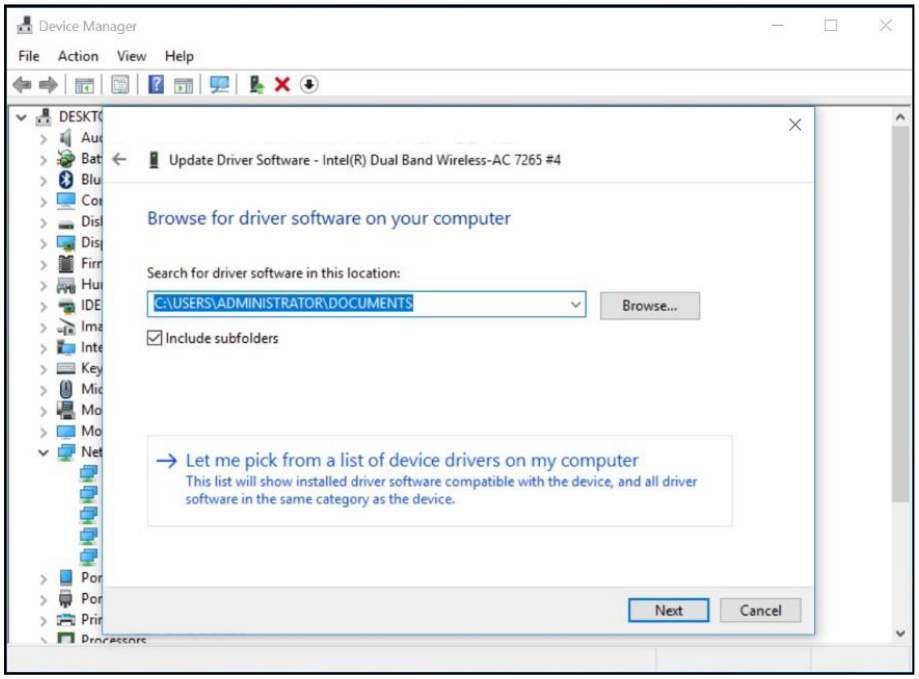
1. Tap-hold and select **Device Manager**.
2. Select **Network Adapters**, then tap-hold **Intel Dual Band Wireless AC7265** and tap **Update Driver Software**.



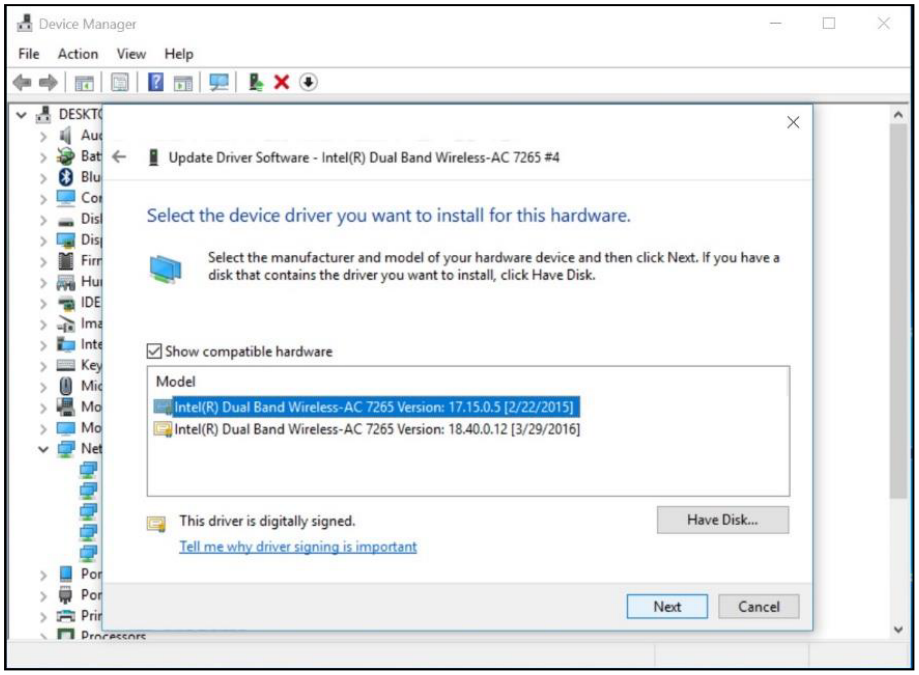
3. Tap **Browse my computer for driver software**.



4. Tap **Let me pick from a list of device driver on my computer**.



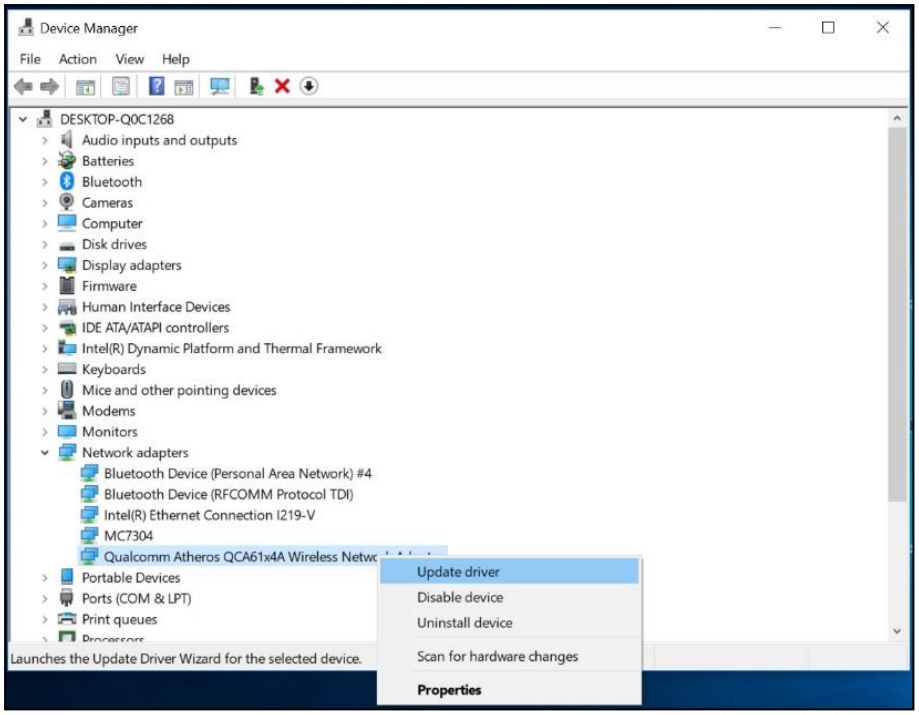
5. Select version **17.15.0.5** then tap **Next**.



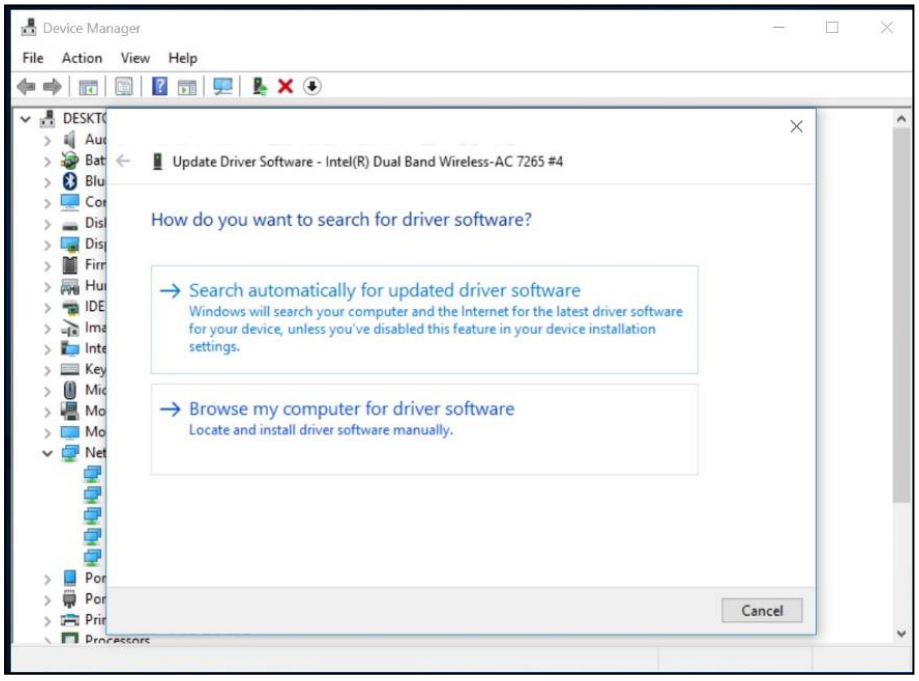
The driver is rolled back to the 17.15.0.5 version that supports ad-hoc.

For the International version - Qualcomm Atheros QCA61x4A Wireless Network Adapter

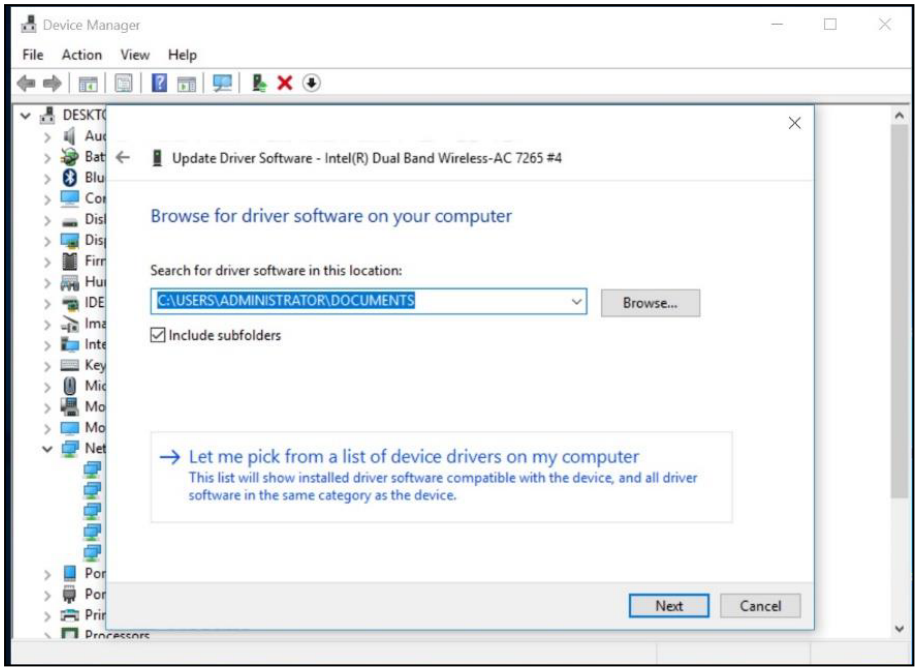
1. On the T10 tablet, tap-hold and tap **Device Manager**.
2. Tap **Network Adaptors** to expand the list, tap-hold **Qualcomm Atheros QCA61x4A Wireless Network Adapter**, and tap **Update Driver**.



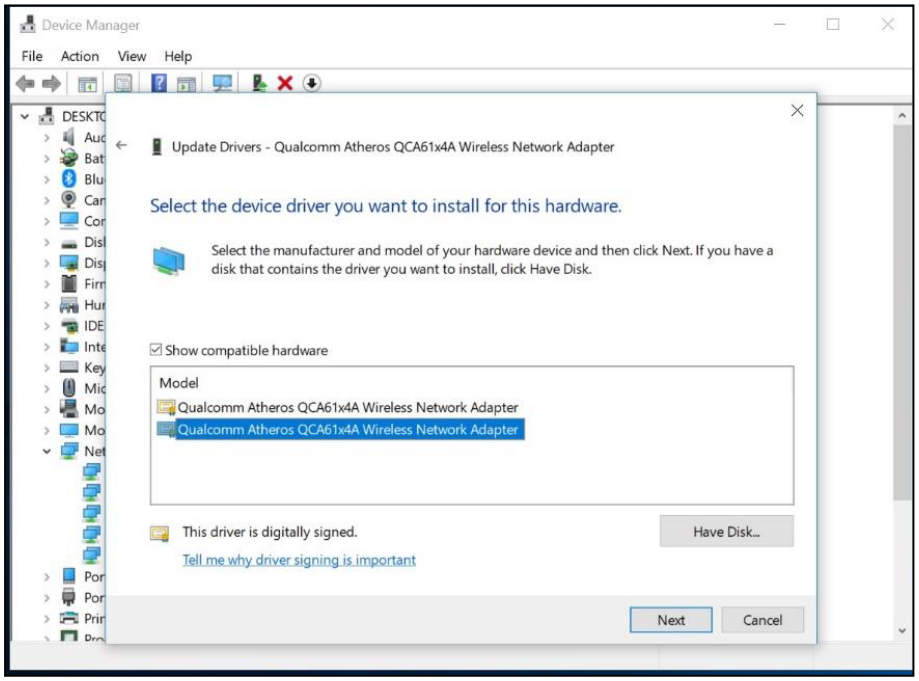
3. Tap **Browse my computer for driver software**.



4. Tap **Let me pick from a list of device driver on my computer**.



5. From the list, select the 2nd adapter, then tap **Next**.



The driver is rolled back to the version that supports ad-hoc.

Working with cellular broadband (4G and 2.4 GHz spread-spectrum radio models only)

If your T10 tablet has cellular broadband, you can connect to a cellular broadband network.

Before you can send and receive data over cellular broadband, you must insert a SIM card (see Installing a SIM card, page 26), turn on Cellular data, and configure the connection.

Connecting to cellular broadband

1. Tap the Wireless network icon in the bottom-right corner of the screen, tap **Cellular** to turn it on, then tap-hold it and tap **Go to Settings**. (Or, tap / **Settings** / **Network and Internet** / **Cellular**.)
2. Under **Cellular**, select the name of your operator—for example, AT&T.
3. If you want to connect to this network every time it's in range, select **Connect automatically.**
4. Windows will switch automatically between Wi-Fi and cellular broadband as needed. You might incur extra charges if you allow roaming.
5. Tap **Connect**.

For more information, refer to the help topic on *Cellular settings in Windows 10* on the Windows 10 support site www.support.microsoft.com.

Locating the device's IMEI number

The IMEI number is a unique 15-digit number that identifies the cellular module installed on your device. Your cellular broadband operator may need to know the IMEI number of your device in order to register the device with the network and activate your cellular broadband data plan.

If your T10 tablet is cellular broadband enabled, the IMEI number will be printed on the serial number label under the battery.

Alternatively, to check the IMEI number in the operating system:

1. Tap **Settings** / **Network and Internet** / **Cellular**.
2. Select the Cellular module icon, then select **Advanced options**.

   The cellular module properties (including the IMEI) are displayed in the **Properties** section.

3. To copy the IMEI number to the clipboard, select **Copy**, then paste the text into your desired application (for example, Notepad, or the Email client) using the **Paste** command or the Ctrl+V keypad shortcut.

If you cannot find the IMEI number for your device, contact your reseller.

Working with the 2.4 GHz spread-spectrum radio

If your model of the T10 tablet has an integrated 2.4 GHZ Spread-Spectrum radio, the radio module and antenna are located on the rear top right side of the tablet.

Attach the antenna by securing it to the antenna connector and screwing it down properly.

To configure the radio, use the Trimble Access software. Refer to the user documentation for Trimble Access software here http://apps.trimbleaccess.com/help/en/TrimbleAccess.

5

Working with GNSS

- Using the Trimble GNSS Setup app
- Using the uBlox uCenter application

The tablet has a GNSS (Global Navigation Satellite System) receiver module built in and includes the Trimble GNSS Setup app.

Using the Trimble GNSS Setup app

The tablet has an internal GNSS receiver. Use the GNSS Setup app which is pre-installed on the tablet to configure the GNSS receiver.

The GNSS receiver supports the following GNSS constellations:

- GPS L1 C/A
- GLONASS
- BeiDou
- QZSS

SBAS is also supported (EGNOS, WAAS, MSAS, GAGAN), with 2-5 meter typical accuracy.

The integrated GNSS module also supports dual constellation:

- GPS+GLONASS, or
- GPS+Beidou

NOTE – You cannot use GLONASS and BeiDou at the same time.

Using the uBlox uCenter application

The uBlox uCenter app allows for more granular configuration settings of the GNSS receiver. If required, you can download it from the uBlox website.

6

Connecting to accessories and other devices

- Using the office dock
- Using the keyboard
- Mounting the tablet on a pole
- Connecting to USB accessories
- Connecting to Bluetooth accessories
- Transferring data between your T10 tablet and another computer

You can connect monitors, accessories, and other devices directly to your T10 tablet using USB or Bluetooth. Some custom accessories can connect to the device through the proprietary docking connector.

Using the office dock



An optional office dock is available for the T10 tablet, for docking, charging, and connection to a range of USB peripherals, including keyboard and mouse. The office dock comprises a DC-in port for the AC-DC adapter, an HDMI port, an Ethernet port, and four USB ports.

When using the office dock:

- Make sure the T10 tablet is securely seated onto the office dock.
- The office dock must be powered by the AC-DC adapter for the Ethernet and USB ports to function.

- You can charge the battery pack in the T10 tablet by connecting the AC-DC adapter directly to the DC-in port on the T10 tablet or through the DC-in port on the office dock while the T10 tablet is docked.

To use the office dock with the T10 tablet:

1. Plug the AC end of the office dock power cord into an electrical outlet or power strip, and plug the other end into the power port on the office dock.
2. If you want to use a wired network connection, connect a network cable to the Ethernet port on the office dock.
3. Connect your computer peripherals to the USB ports on the office dock.
4. Connect a cable from your monitor to the HDMI port on the office dock. If your monitor cable doesn't have an HDMI connector, you'll need to purchase another cable or an adapter.
5. Remove the cover from the docking connector on the bottom of the T10 tablet. Store the cover somewhere safe so that you can reuse it when you remove the tablet from the office dock.
6. Connect the T10 tablet to the office dock by placing it in the office dock. Take care to make sure that the docking connector pins in the office dock are correctly lined up with the docking connector on the T10 tablet.

Using the keyboard

An optional accessory for the T10 tablet, the detachable full keyboard with trackpad can be attached to the tablet and used instead of the on-screen keypad.



To use the keyboard with the T10 tablet, remove the cover from the docking connector on the bottom of the T10 tablet, and seat the tablet securely onto the keyboard. Take care to make sure that the docking connector pins on the keyboard are correctly lined up with the docking connector on the tablet.

Mounting the tablet on a pole

1. Attach the pole clamp to the pole.
2. Attach the cradle to the pole clamp using the quick-disconnect connector.
3. Unlock the upper arms on the cradle using the slider on the back and lift the arms into the upper position.

4. Insert the tablet into the cradle, bottom part first, guiding it into the two guides and docking connector in the middle.
5. When the tablet is correctly seated in the cradle, push the two arms down until you hear them click into place, indicating a secure lock.

Connecting to USB accessories

The T10 tablet has a USB port for connecting USB devices such as a flash drive, scanner, printer, keyboard, or mouse.

Other types of USB devices may require drivers.

To connect a USB device, flip open the port cover on the left side of the T10 tablet and plug the device cable into the USB port.

Connecting to Bluetooth accessories

The T10 tablet has embedded Bluetooth wireless technology—a short-range wireless communication technology that allows wireless data transfer and communication between devices over a distance of up to 10 meters (30 feet).

Use the Windows System Tray, Windows Mobility Center, or Action Center to configure Bluetooth wireless connections. Follow the instructions and options in the Bluetooth application.

TIP – To save battery, turn off Bluetooth when you are not using it. Bluetooth is off when the device is in Airplane mode.

Before you can transfer data or communicate between your T10 tablet and another Bluetooth enabled device, you must pair the T10 tablet and the device.

To pair and connect the T10 tablet with a Bluetooth device:

1. Turn on the Bluetooth device and make it discoverable. To learn how to do this, check the documentation for your Bluetooth device or go to the manufacturer's website.
2. Tap ⊞ / **Settings** / **Devices** / **Bluetooth**, or use the Action Center or Mobility Center to access Bluetooth settings.
3. Make sure the slider is set to On, and wait while the T10 tablet searches for Bluetooth devices.
4. In the list of Bluetooth devices, select the device you want to pair with your T10 tablet, then tap **Pair**.
5. Follow the on-screen instructions to finish pairing your device.

6. If the other device requires a passcode (sometimes called a pairing code), you'll be prompted for it. If you don't know the passcode, check the information that came with your device or the manufacturer's website.

7

Using the camera

- Taking photos and videos
- Changing camera settings
- Enable the Camera app to access your location to geo-tag photos
- Viewing photos and videos

The T10 tablet is fitted with a 5 MP camera.

Taking photos and videos

By default, the Camera app is ready to take photos, but you can switch easily between photo and video mode.

To take a photo or record a video:

1. Tap ⊞/ **Camera**.
2. Tap the on-screen **Camera** button to take a picture, or tap the **Video** button to switch to video mode, then tap it again to start recording.

Your latest photo or video shows as a thumbnail in the lower right corner of the window. You can tap this to access the Pictures library. See Viewing photos and videos, page 58 for more information.

Changing camera settings

Tap ⊞ / **Camera** to launch the Camera app. To change settings, do any of the following as required:

- To manually set the brightness or exposure (Exposure compensation), tap the small arrow at the top center of the window (near the **Watch** icon), then tap the **+/-** icon. A manual slider appears on the right side of the window, around the **Camera** button. Move the slider upwards to brighten your photos and videos, or move it downwards to

darken them.

- To set the focus to automatic (default), or manual, tap the small arrow at the top center of the window (near the **Watch** icon), then tap the **Focus** icon. A manual slider appears on the right side of the window, around the **Camera** button. Move the slider upwards or downwards to set the focus as required.
- To set a time delay, tap the **Watch** icon at the top center of the window. The timer enables you take pictures with a delay of 2, 5, or 10 seconds. To select the required delay, tap the **Watch** icon until the number of seconds' delay that you want displays (shown as a small number near the **Watch** icon). When a time delay is set, each time you take a picture, the Camera app displays a timer in the middle of the window that indicates when the photo is captured.
- Tap  in the top right corner of the window to access more settings, such as:
  - what happens when you press and hold the camera button.
  - the photo aspect ratio.
  - the framing grid.
  - video recording settings, like frames per second or flicker reduction.
  - where photos and videos are saved. By default, your photos and videos are saved to **Pictures** / **Camera Roll**.
  - location info. See Enable the Camera app to access your location to geo-tag photos, page 57 for more information.

  To hide the Camera settings, tap anywhere in the window away from the **Settings** panel.

Enable the Camera app to access your location to geo-tag photos

1. Tap / **Camera** to launch the Camera app.
2. Tap  in the top right corner of the screen.
3. Under **Related settings**, tap **Choose whether camera can use location info**.
4. Tap **Yes** to confirm you want to switch apps.
5. In the **Settings** screen, make sure **Location** is selected.
6. Under **Location**, if the device shows **Location for this device is off**, tap **Change**, and tap the **Location for this device** switch to turn it **On**.

7. Scroll down to **Choose apps that can use your precise location**, and tap the **Camera** switch to turn it **On**.
8. Close the **Settings** app to return to the **Camera** app.

Viewing photos and videos

By default, your photos and videos are saved to **Pictures** / **Camera Roll** on the T10 tablet.

There are several ways to look through and work with your photos and videos:

- In the **Camera app**, tap the thumbnail of the last photo or video you captured; this thumbnail appears in the bottom right corner of the window. The photo/video opens in a new window. Use the arrows to scroll through the collection.

  From within this window, you can also quickly go to your **Pictures** library—tap **View All photos** in the top left corner of the window.
- Open **File Explorer**, and go to your **Pictures** library and open the **Camera roll** or the folder you have saved photos/videos in.
- Use the **OneDrive** app.

8

Using the pre-installed apps

- Bundled Microsoft apps
- Getting more apps

The T10 tablet comes with a range of useful pre-installed software. This chapter describes the most important pre-installed apps you should know about, and summarizes what they can be used for.

Bundled Microsoft apps

Some of the useful applications that come bundled with your T10 tablet powered by the Windows 10 Pro operating system are:

- OneNote: You can use the OneNote app to take notes and store them in the cloud. For more info, see www.onenote.com.
- Mail: Mail automatically organizes your inbox. You can add multiple accounts and access them through this single point.
- Calendar: Use Calendar to manage your schedule.
- People: The People app brings all your contacts together in a single space. See each contact's email address, phone number, website, and other information at a glance.
- Microsoft Edge: Microsoft Edge gives you fast and fluid access to the Internet. Open pages in Reading View, save them to your reading list, or take notes right on the page using inking. See Get to know Microsoft Edge on www.microsoft.com for details.
- Camera: The Camera app lets you take regular photos, photo bursts, or video. See Using the camera, page 56for more information.
- Weather: The Weather app offers hourly, daily, and 10-day forecasts as well as historical information and annual weather trends.

Getting more apps

You can install more apps and programs from the Windows Store, websites, or a CD or DVD. To learn more see How to install programs on Windows 10 on https://support.microsoft.com.

To find applications for your T10 tablet, go to Microsoft Store on www.microsoftstore.com.

9

Troubleshooting, downloading updates, and repair

- Troubleshooting
- Operating system and software updates
- Repairing your device

Troubleshooting

This section contains answers to some common troubleshooting questions. If you encounter problems when using your T10 tablet, try the following troubleshooting tips to detect and solve the problem. If problems persist, contact your local distributor for support.

Further assistance and support with the Windows 10 Pro operating system

For comprehensive online support, how-to guides, troubleshooting articles and related downloads for the Windows 10 Pro operating system, go to the online Microsoft support pages for the Windows 10 operating system.

Performance issues

Device is running slowly

- Operating system updates may be installing.

  Windows 10 Pro may have automatically downloaded software or operating system updates, and is installing these in the background. While these updates are being

installed, system performance may be reduced, or wireless connectivity speed may appear to be slower than normal.

- You may have too many background applications running.

  Some programs start automatically and run in the background. You can disable these programs at startup to improve Windows startup time and overall system performance.

- You may have malware or a virus.

  A virus or other malicious software could cause your device to run slowly. Check whether your device has a virus by using Windows Defender, which is included with Windows 10, or refer to the documentation for your third party antivirus software.

- Check your wireless network speed.

  If the apps you are using are connecting to the Internet, a poor network connection may be causing them to run slowly. For detailed information on checking your network, see Wi-Fi speed is slow, page 62.

- Check for low disk space.

  You may be able to improve performance if you free up some disk space on your device. Disk Cleanup can delete temporary and system files, empty the Recycle bin, and remove apps and data that you no longer need.

- Your device may have overheated.

  If you are using your device in a hot environment and/or are using a processor or memory-intensive, your device may have become too hot. Move your device to a cooler spot, wait five minutes, and see if it runs faster.

Wireless connectivity issues

Wi-Fi speed is slow

- Your network is running slow for all devices.

  You should first check to see whether your network is slow on another device. Can you connect to your wireless network and browse the web at normal speeds from another PC, tablet, or smartphone? Try running a Network Speed Test to ensure your Internet connection is functioning normally.

- Your Wi-Fi signal is weak.

  Check the Wireless network icon in the taskbar. This icon  shows your current signal strength. If the icon is partially dimmed, move your device closer to your wireless router to see if the signal improves. If your router is broadcasting on both a 2.4 GHz

and 5 GHz frequency, try connecting to a different frequency. In general, a network operating on the 5 GHz frequency will be faster and less susceptible to interference, but will have a shorter range than a 2.4 GHz network.

Wi-Fi is not connected

- There is no Wi-Fi connectivity.

  Make sure that the tablet is not in Airplane mode:

  - the RF switch on the back of the device must be in the ON position.
  - Airplane mode must be OFF in the operating system.

  See Airplane mode, page 40

Power and battery issues

Battery will not charge

- The battery is overheated, or too cold.

  The battery pack will charge between 0 °C and 45 °C (32 °F and 113 °F). If you have been using or storing the battery and/or device in a particularly hot or cold environment, the battery pack may be outside the safe charging temperature range. Sensors in the battery pack will prevent the battery from charging until its temperature returns to a normal level.

- The battery is not installed correctly.

  If the battery pack is not installed correctly in the device or the battery pack charger, it may not have a proper connection and will not charge.

- The battery terminals are dirty or corroded.

  If the terminals of the battery pack are dirty or corroded, it may not have a proper connection and will not charge.

Device will not start up

- The battery does not have enough charge to power the device:

  Check the battery charge; see Checking the battery charge, page 29. If the battery charge is low, attach the device to an external power source, or swap the battery for a charged battery, then try again.

- The battery is not correctly installed.

The device may not be receiving power from the battery if it is not installed properly. Remove the battery, then replace it, pressing down on both corners until it clicks into place. See Installing and removing the battery packs, page 25.

Device suddenly turns off during use

- Make sure you are not accidentally pressing the Power key.

  The Power key is located in the bottom left of the front of the device. Make sure that while gripping the device that you are not accidentally pressing the Power key and suspending the unit.

- The device may have run out of power and gone into critical suspend mode.

  If your battery charge level gets too low, the device will automatically go into a hibernate mode to prevent loss of data. If the battery charge is too low, connect the device to external power, or swap the battery for a charged battery.

  If you regularly run out of battery power while in the field, consider carrying a spare battery with you. The device supports hot-swapping of the battery, which means that the device will keep running for up to two minutes while you remove the battery pack and replace it with another.

Device shuts down when hot-swapping the battery

- Hot-swap battery is not sufficiently charged.

  The hot-swap back-up battery allows you to change the main device battery pack for a charged one without shutting the device down. To function correctly, the hot-swap battery must have at least 90 minutes of charging time before it can work properly. If you attempt multiple hot-swaps without allowing the back-up battery to recharge, your device may shut down when the battery pack is removed.

Restarting or resetting the operating system

If your device becomes unresponsive and you cannot resolve the problem, you need to restart or reset your device.

For detailed instructions on the recovery options in Windows 10, refer to the Microsoft support pages on Windows 10 recovery options at www.support.microsoft.com.

Restarting your (unresponsive) device

If your device is no longer responding to touchscreen or keypad input, you may need to force it to restart by removing power from the system.

NOTE – Restarting the system by holding down the Power key removes power to the CPU. Any unsaved files and settings will be lost.

To force your device to restart, press and hold the Power key until the device shuts down (~10 seconds), then restart your device by pressing the Power key.

Resetting your device

If restarting your device does not resolve the issue that you are seeing, resetting it might help. Resetting lets you choose to keep your files or remove them, and then reinstalls the operating system.

To reset your device:

1. Tap / Settings / Update & security / Recovery.
2. Select Get started then follow the onscreen instructions to reset your device.
3. At the reset menu, select one of the following:
   - Keep my files.
     - Reinstalls Windows 10 and keeps your personal files.
     - Removes apps and drivers you installed.
     - Removes changes you made to settings.
     - Removes any apps your dealer or distributor installed.
   - Remove everything.
     - Reinstalls Windows 10 and removes all your personal files.
     - Removes apps and drivers you installed.
     - Removes changes you made to settings.
     - If you're planning to donate, recycle, or sell your device, use this option and choose to fully clean the drive. This might take an hour or two, but it makes it harder for other people to recover files you have removed.

Resetting your device when the operating system is unresponsive

If you want to restore your device but cannot operate the touchscreen or the operating system is not responding to normal input, you may need to reset the device from the Boot Menu.

To reset from the Boot Menu:

1. Connect an external USB keypad to the device.
2. Press the Windows logo key to get to the sign-in screen, then hold the Shift key down and select Power / Restart in the lower-right corner of the screen.
3. When the device restarts, tap Troubleshoot / Reset this PC.

If you cannot get to the sign-in screen, use a recovery drive or installation media to reset your device.

Operating system and software updates

Periodically, operating system and software application updates will be available for your device.

Windows 10 updates

The Windows 10 operating system periodically checks for updates so you don't have to. When an update is available, it is automatically downloaded and installed — keeping your device up-to-date with the latest features.

Installing the latest updates can help fix common issues, but you must be online to download the updates. If you are having trouble connecting and downloading updates because your wireless network is too slow, you can try using a wired network via the Office Cradle accessory.

Once online, to check for and install the latest updates manually, go to **Settings** / **Update & security** / **Windows Update**, and select **Check for updates**. If **Windows Update** says your device is up to date, you have all the updates that are currently available.

For more information about Windows updates, refer to the official *Windows Update FAQ* on www.microsoft.com.

Wi-Fi driver updates

The correct Ad-Hoc Wi-Fi driver for use with Trimble SX10 Scanning Total Station is version 17.15.0.5. To check which version is installed and selected, and to roll back if the driver has been updated, see Checking the Wi-Fi Driver, page 42.

Software downloads and updates

The latest versions of software including drivers, firmware updates, and software utilities, are available on the technical support pages on www.trimble.com.

Repairing your device

Before you send your T10 tablet for repair, check the Troubleshooting section in this user guide. If you can't solve the problem with troubleshooting, contact your local Trimble dealer for further support.

Repair of this product should only be performed by an authorized service provider. Any attempt to disassemble this product by a non-authorized service provider will void the warranty.

For more information, contact your local Trimble dealer.