Customer FAQs

TRIMBLE T10x TABLET

What is the Trimble T10x tablet?

The Trimble® T10x tablet is 10 inch tablet powered by the Windows® 10 operating system, optimized for high end scanning applications.

What are the key features of the T10x tablet?

The key features of the T10x tablet include:

- High capacity hot-swappable batteries
- Energy efficient, high performance Intel i7 processor
- 1 TB storage
- 32 GB RAM

Does the T10x tablet replace the Trimble T100 tablet?

No, the T10x tablet does not replace the T100 tablet. The T10x tablet is specifically for users who specialize in high-end scanning and require a different feature set than the T100 tablet.

Does the T10x tablet replace the existing Trimble T10 tablet?

For high-end scanning applications the T10x tablet can serve as a replacement for the existing T10 tablet. Depending on the specific use case, there will be some overlap between the products, features, and benefits; customers are encouraged to work with their local Trimble distribution partners to determine the best solution to meet their specific needs.

Does the T10x tablet have a camera?

Yes, the T10x tablet has a rear 8MP camera.

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Does the camera have a flash?

Yes. Note the flash is not active using the Windows camera app. Using the DTM app (found under Utilities) images can be captured using the flash.

How many programmable function keys are available?

The T10x tablet has five programmable FN keys (3 hard keys, and 2 soft keys).

What COM ports are available on the T10x tablet?

The T10x tablet has 1 x USB 3.0 port, 1 USB C charging port, and an RJ45 LAN port.

What is the operating system on the T10x tablet?

The T10x tablet is powered by the Windows 10 IoT Enterprise operating system.

What is the storage capacity of the T10x tablet?

The T10x tablet has 1 TB of storage.

Note - Actual available storage will vary depending on applications installed on the tablet.

Is the storage expandable?

No.

How much RAM does the T10x tablet have?

The T10x tablet has 32 GB of RAM.

What are the dimensions of the T10x tablet?

7.8 x 11 x 0.86 in / 198 x 279 x 22 mm (H x W x D).

How much does the T10x tablet weigh?

1.4kg (3.1 lbs).

What size is the screen?

The screen is 10.1 inches / 25.65 cm.

How do I interact with the screen, what modes are available?

The T10x tablet's screen supports touch modes including finger mode, glove mode, and stylus mode.

Note - The digital pen (stylus) comes standard with the T10x tablet.

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What technology is the digital pen that comes with the T10x tablet?

The digital pen is an active stylus (powered by 1 x AAAA battery) with a fine tip for accurate selection and writing.

Does the digital pen work with other devices, for example, the existing T10 tablet?

No, the digital pen works only with the T10x tablet.

Can I lock or rotate the screen?

Yes, using the Control Center application. By default the screen rotation is locked.

What is the screen brightness and resolution?

The resolution is 1920 x 1200 pixels and the brightness is 1000 Nits

What keyboard options are available?

The T10x tablet has a pop-up (on-screen) keyboard, and an external keyboard can also be used. Trimble does not offer an external keyboard for sale with this unit.

What is battery "Ship mode"?

Ship mode serves to preserve battery life and minimize power drain during shipping and storage by electronically disconnecting the battery from the rest of the system. When the user turns on the T10x tablet for the first time while plugged into AC Power, the battery connects to the rest of the system, and is subsequently removed from ship mode.

Are the batteries hot-swappable?

Yes.

What is the capacity of the batteries used in the T10x tablet?

The batteries are 8000 mAh hot-swappable.

How long does it take to charge the batteries?

It can take up to 7.5 hours to charge the battery from empty.

Note - Battery operation and recharge times will vary based on many factors, including screen brightness, application, features, power management, battery conditioning, and other settings or preferences.

How do I maximize battery life?

Ways to reduce power consumption and extend the battery life are:

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- Power saver mode (Windows 10 Action Center).
- Minimize the Power & Sleep timeout settings (Settings / System / Power & Sleep).
- Reduce the display backlight (Fn + 4 keys on the keypad).
- Lock the screen rotation.
- Turn off the radios (Wi-Fi, Bluetooth®) when you are not using them.
- Change sync settings (Settings / Accounts / Sync your settings). Deselect the items you don't need.

Is it normal for the battery to get warm?

Yes, it is normal for any battery to get warm during discharge or charging. Note that batteries should not be charged at temperatures below 32 °F (0 °C) nor at temperatures above 113 °F (+45 °C) to avoid impacting battery longevity and performance. Do not charge batteries inside a hot vehicle (for example, parked in the sun) as temperatures can quickly exceed the specified range.

How long do the batteries last on a single charge?

3.5 hours based on typical X7/Trimble Perspective scanning use case.

Note - Battery run time will vary based on factors including (but not limited to): software applications in use, wireless features in use (Bluetooth, Wi-Fi, GPS), exposure to extreme heat or cold, age of the batteries, and battery storage and charging routines.

Does the T10x tablet have EMPOWER bays?

No.

What software runs on the T10x tablet?

The T10x tablet is optimized to run Trimble Perspective software. The T10x tablet is powered by the Windows T10 IoT Enterprise operating system, so it is expected compatible software will work on this tablet. It is recommended that users test the operation and functionality of software applications to validate specific software and use cases.

Does the T10x tablet support loading third-party software?

Yes. It is recommended users test any solution using third-party software to ensure compatibility and performance prior to field deployment.

Does the T10x tablet have 4G/5G (WWAN) support?

No, the T10x tablet is offered with Wi-Fi / Bluetooth configuration only.

Does the T10x tablet have a Cirronet radio option?

No, the T10x tablet does not have a built-in 2.4Ghz radio.

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Does the T10x tablet have internal GNSS?

Yes.

What level of accuracy can I expect?

<4m (Horizontal RMS) is expected in reasonable conditions.

Note – It requires reasonable multipath conditions. Ionospheric conditions, multipath signals, or obstruction of the sky by buildings or heavy tree canopy may degrade precision by interfering with signal reception.

Can I use an external GNSS receiver with my Trimble T10x tablet?

Yes.

Note - The tablet does not come with pole mount accessories, so may not be suitable for all GNSS applications.

What operating system powers the T10x tablet?

Windows 10 IoT Enterprise.

How do I activate Windows 10 IoT Enterprise on the Trimble T10x tablet?

When the tablet is turned on, the user is prompted to set up the tablet including setting up / configuring the operating system.

How does the operating system language provisioning feature work?

When you turn on the T10x tablet for the first time, you are prompted to select the desired language. The process is the same as on any device powered by the Windows 10 IoT Enterprise operating system.

Should I update the Windows operating system when there is one available from Microsoft?

Yes, it is recommended that users update to the latest version of the Windows operating system.

What version of the operating system ships with the T10x tablet?

The operating system version that ships with the T10x tablet will vary depending on time of purchase. The operating system shipping with the tablet will be periodically revised as updates become available.

How do I stop Windows operating system updates? I don't want them while I'm in the middle of an important job?

With the Windows 10 IoT Enterprise operating system you can control how and when updates are downloaded. However, make sure your system is updated as soon as possible to prevent security breaches.

Go to Settings / Update & Security / Windows Update and change the update settings to your convenience. You can change, for example, Active Hours to prevent the device from requesting restarts in the field and you can limit downloads to non-metered connections such as Wi-Fi networks.

How long is the warranty period on a T10x tablet?

The T10x tablet comes with 24 months standard warranty. Additional protection plans can be purchased by contacting your Trimble Distribution partner.

Where can I find more information?

Go to https://geospatial.trimble.com/x7-scanner, or contact your local Trimble Geospatial distribution partner.

What configurations are available?

There is a single configuration of the T10x tablet, which includes Wi-Fi and Bluetooth.

There are no cellular/4G or 2.4Ghz radio options.

What is the part number for ordering the T10x tablet?

Contact your local Trimble Geospatial distribution partner for parts, pricing, and availability.

For more information

Contact your local Trimble authorized reseller.

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