Customer FAQ

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TRIMBLE T10X TABLET (2024)

What is the Trimble T10x tablet (2024)?

The Trimble® T10x tablet (2024) is a 10-inch tablet powered by the Windows® 11 operating system, optimized for high-end scanning applications.

What is different about the 2024 release of the T10x tablet?

The T10x tablet (2024) includes an updated 13th generation Intel i7 processor, and an improved form factor.

Is the older T10x tablet still available?

The T10x tablet is being replaced with the T10x tablet (2024).

What are the key features of the T10x tablet (2024)?

The key features of the tablet include:

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

Does the tablet have a camera?

Yes, the tablet has a rear 8 MP camera.

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.

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How many programmable function keys are available?

The tablet has five programmable FN keys (three hard keys, and two soft keys).

What COM ports are available on the tablet?

The tablet has one USB 3.0 port, and one USB-C charging port.

What is the operating system on the tablet?

The tablet is powered by the Windows 11 IoT Enterprise operating system.

What is the storage capacity of the tablet?

The tablet has 1 TB of storage.

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

Is the storage expandable?

No, however USB memory sticks can be used to quickly transfer content to and from the tablet.

How much RAM does the tablet have?

The tablet has 32 GB of RAM.

What are the dimensions of the tablet?

7.8 x 11 x 0.79 in (198 x 279 x 20 mm) HxWxD.

How much does the tablet weigh?

1.4 kg (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 tablet's screen supports touch modes including finger mode, glove mode, and stylus mode.

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

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

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

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

No, the digital pen works only with the T10x and T10x tablet (2024).

Can I lock or rotate the screen?

Yes, using the Control Center application.

What is the screen brightness and resolution?

The resolution is 1920 x 1200 pixels and the brightness is 800 Nits.

What keyboard options are available?

The 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 device.

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 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 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.

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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:

- Power saver mode (Windows 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 Trimble X7 3D laser scanning system + Trimble Perspective software 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 tablet have Trimble Empower module bays?

No.

What software runs on the tablet?

The tablet is optimized to run Trimble Perspective software. The tablet is powered by the Windows 11 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 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 tablet have 4G/5G (WWAN) support?

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

Does the tablet have a Cirronet radio option?

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

Does the 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 the tablet?

Yes.

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

How do I activate Windows 11 IoT Enterprise on the tablet?

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

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How does the operating system language provisioning feature work?

When you turn on the 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 11 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 tablet?

The operating system version that ships with the 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 11 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 tablet?

The 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/en/products/hardware/trimble-t10x, or contact your local Trimble distribution partner.

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What configurations are available?

There is a single configuration of the 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 tablet?

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

For more information

Contact your local Trimble authorized reseller.

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