

***FTx Cloud***

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# Retail System Requirements

- Point of Sale Terminal
- Android Handhelds
- Networking





# Point of Sale Terminal Requirements

- **Operating System:** Windows 10 x86/x64 Editions and Windows 11 x86/x64 Editions

*NOTE: Windows 10 is no longer receiving security updates as it has been sunset by Microsoft. Windows 11 is preferred as it still receives security updates.*

- **CPU**

**Intel 8th generation (i3, i5, i7, i9 8000 series) or greater.**

*NOTE: Model numbers should end in **K, H, HX, X** or no letter at all. IF CPU ends with a **U, Y, P,** or a **T,** it is not compatible with **FTx POS.***

For a full understanding of how **Intel** processors are named, visit [Intel Processor Letter Suffix Meanings.](#)

**AMD Ryzen 2000 series or greater.**

*NOTE: Model numbers should include the suffix **3D, HS, HX, WX,** or **PRO.** If it includes **E, C** or **U,** it is not compatible with **FTx POS.***

For full understanding of how **AMD** processors are named, visit [AMD Processor Letter Suffix Meanings.](#)

- **RAM:** 16GB DDR4 or greater.

- **Storage:** 128GB or greater with at least 50 GB free space. (SSD recommended over hard drive)

**IMPORTANT:**

All machines using **FTx POS** must have a unique baseboard ID and serial number. If you're unsure whether your machine has these, let us know and we can do a complimentary checkup on your devices in advance.

## Peripheral Requirements

- **Barcode Scanner:** USB interface, with OPOS drivers readily available on manufacturer's website and compatible with Windows 10 and Windows 11
- **Receipt Printer:** USB interface, with OPOS drivers readily available on manufacturer's website and compatible with Windows 10 and Windows 11
- **Cash Drawer:** USB interface, with OPOS drivers readily available on manufacturer's website and compatible with Windows 10 and Windows 11, Or, RJ-45 to RJ-12 interface, if controlled by receipt printer
- **USB Hubs:** If you use a USB hub, make sure it is a powered USB hub. We, however, cannot guarantee that your peripherals will work through a hub. It is recommended that all vital peripherals connect directly to the POS terminal.

## Android Handheld Requirements

- **Operating System:** Android 10+

## Recommended Network for Peak Performance

- **Download:** 10 Mbps or greater
- **Upload:** 5Mbps or greater
- **Connection type:** DSL, Fiber, or Cable recommended, Ethernet interface recommended

## NOT recommended for *FTx POS* networking

- **Hot Spots:** 5G systems mostly run by cell phone providers will not work reliably; it can be okay as a backup system in case the main system goes down but should not rely on one as your main network.
- **Wi-Fi:** Is not recommended as the permanent network as it is not nearly as secure as physical cabling. Interference from other Wi-Fi networks and devices can slow your system down or cause unforeseen issues as well.

