

TSL Readers: Update Firmware

Updating the firmware on your TSL handheld reader can improve the performance of your scans, as well as ensuring you have important fixes that have been pushed by the manufacturer.

If you are using Windows for ARM, you need to install extra drivers. [Click here for instructions.](#)



TSL 1128



TSL 2128



TSL 1166

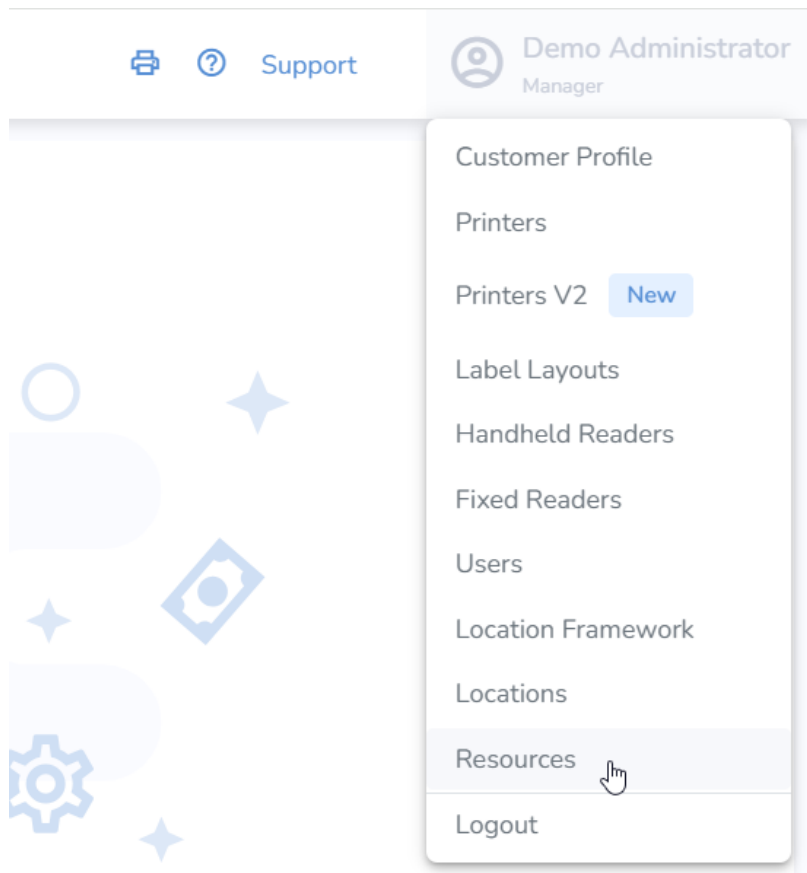
Requirements:

- TSL Reader with battery installed and at least partially charged
- PC or tablet running Windows 10 or higher
- For **TSL 1128**:
 - Included Micro-USB cable to connect the reader to your PC
- For **TSL 2128**:
 - Included docking cradle
 - Included Mini-USB cable to connect the docking cradle to your PC
- For **TSL 1166**:
 - Included docking cradle
 - Included Mini-USB cable to connect the docking station to your PC

You may be able to use a cable that was not included with your scanner; however not all cables can transmit data.

Step 1 - Download the Desktop Firmware Loader, and firmware for your reader

On the [web portal](#), click your account name at the top-right of the page and select **Resources**



In the "TSL Firmware" section, click "Desktop Firmware Loader," then click the TSL Firmware link that corresponds with your reader:

Resources

Printer icon, ? icon, Support

John LeBaron Administrator

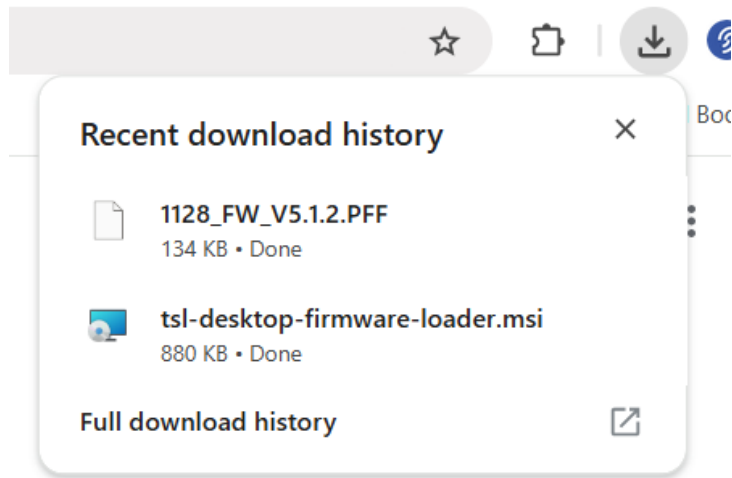
Printing Utilities	Printing Instructions	Printer Support / Drivers
Zebra Designer	Printer Setup	ZT410
Set-up Print Client Windows	Reset Printer to Factory Defaults	ZT411
Set-up Print Client macOS Beta	Calibrate Printer	ZD500R
Zebra Setup Utilities	Printer Unresponsive / Offline	ZD621R
		R110Xi4
TSL Firmware	Printronic Firmware	
Desktop Firmware Loader	T4000 V1.46H firmware	
TSL 1128 firmware	T6000e V1.42E firmware	
TSL 1166 firmware	T800 V1.48E firmware	

Applications

The Firmware Loader installer will be a **.msi** file, and the firmware itself will be a **.pff** file.

Step 2: Install the Desktop Firmware Loader

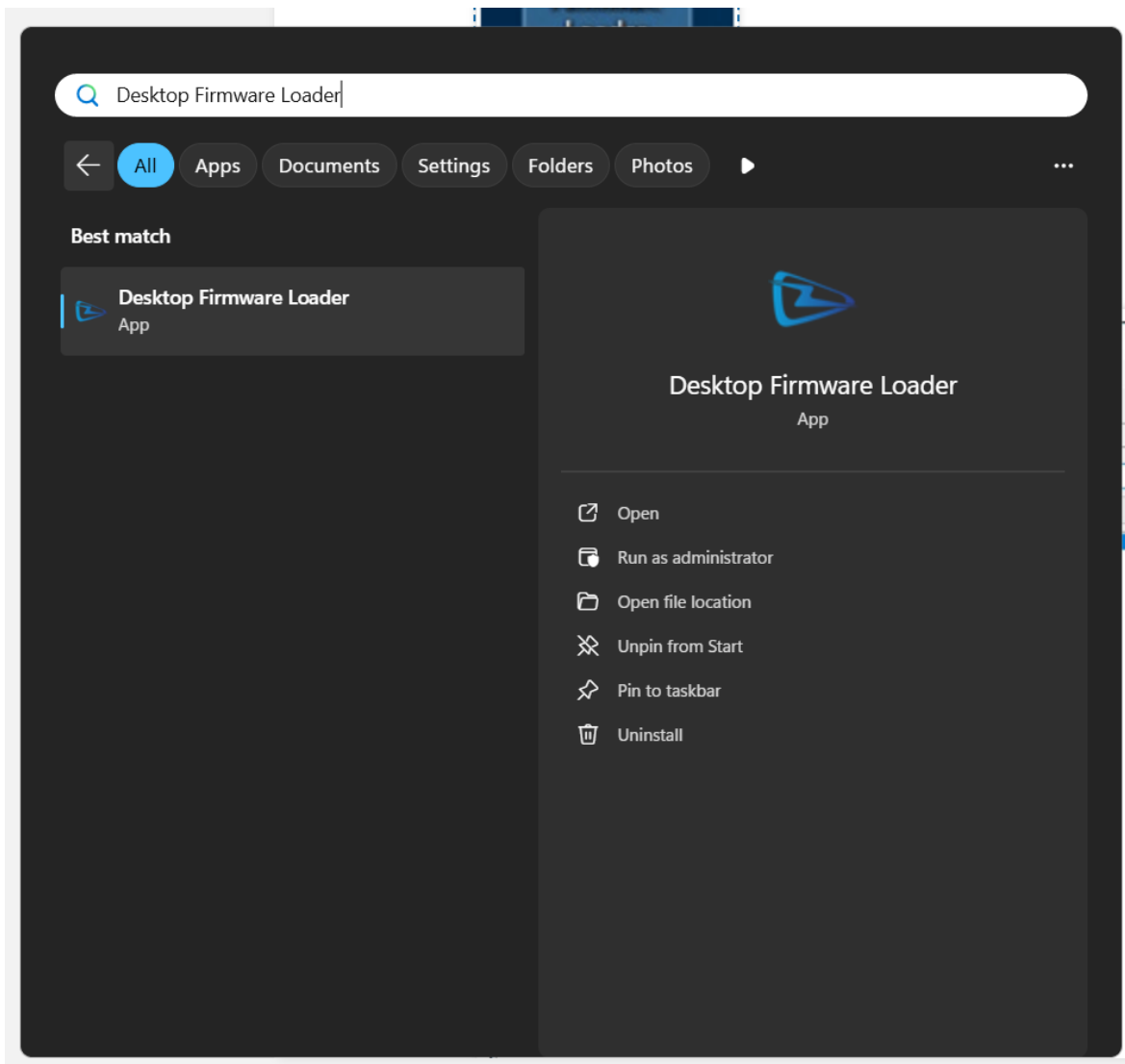
Open the downloaded installer, **tsl-desktop-firmware-loader.msi**



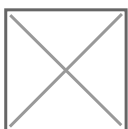
Follow the setup wizard. If you're asked to allow changes to your computer, select **Yes**.

Step 3 - Upgrade the firmware

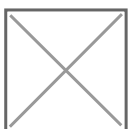
From the Start menu, launch Desktop Firmware Loader:



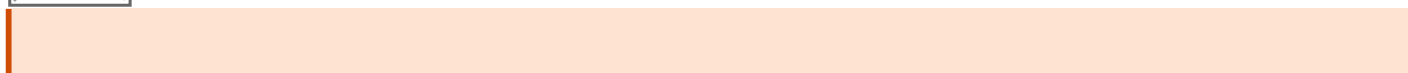
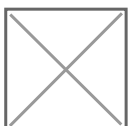
Select “...” to choose the firmware file to download



Locate and select the PFF file



Connect the reader to the computer using the supplied USB cable. For TSL 1166 and TSL 2128, you will need to slide your reader into the docking cradle and connect the docking cradle to the computer via USB cable.



If you don't see a message that a COM port has arrived (e.g. Port COM9 arrived), you may need to use a different USB cable.

Click "Download" to start the update process.

Follow the download instructions.

- You may be asked to wake the reader by pressing the trigger during the update process.
- When you see the message that "Any iOS device must forget and re-pair with this reader before it can be used", the upgrade process is complete.

"Forget" the device from your Bluetooth list in your system settings.

Verify Successful Installation

PLEASE NOTE: After firmware updates, any iOS devices MUST forget the scanner, then complete the pairing process again.

Once you have paired the app you can confirm the firmware version from the **Connect Reader** screen:



v: 8.1



Connected Reader



94%



Serial Number: 2128-002378

Firmware Version: 1.5.7

Find Reader

Disconnect

Revision #12

Created 11 June 2025 16:14:35 by John LeBaron

Updated 2 July 2026 02:39:24 by Stan Andrus