

# Setting Up LightBurn For A Galvo Fiber Laser On A PC

## What you'll need:

- Computer with Windows OS
- Supplied USB Thumb Drive

## Software and Driver Installation

- Go to <https://lightburnsoftware.com> and click on **Download / Trial**.

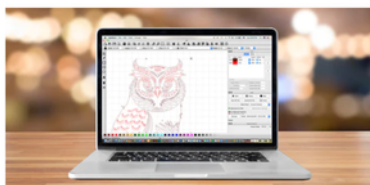


**Note:** Even if you have already installed LightBurn on your computer, you will need to run the installer again for the fiber laser.

- Select your version of Windows from the list to initiate the download.



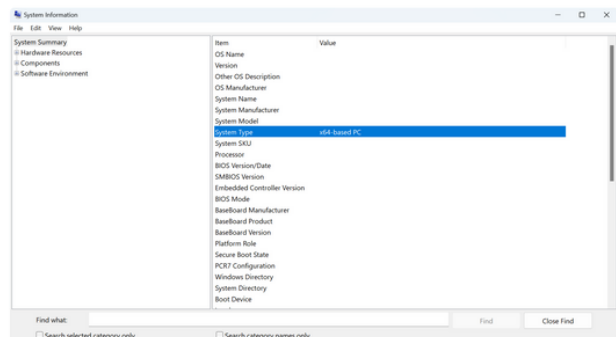
**Note:** If you're not sure which version you have, type the words "**System Information**" into the **Search** field located at the bottom left corner of your Taskbar. Look for **System Type** to determine if you have version 32 or 64.



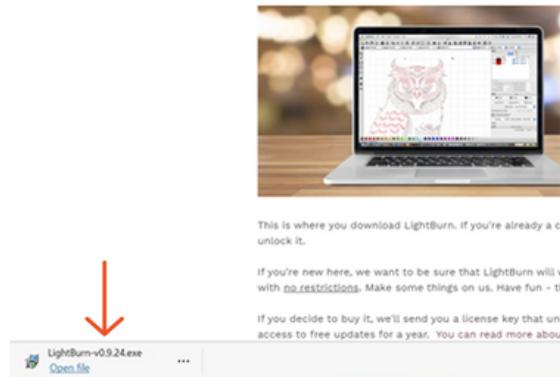
This is where you download LightBurn. If you're already a customer, and your license update period has r  
get the latest version - your existing license will unlock it.

If you're new here, we want to be sure that LightBurn will work for you, so to give you a chance to really  
with no restrictions. Make some things on us. Have fun - this is the full deal, no watermarks, no limits.

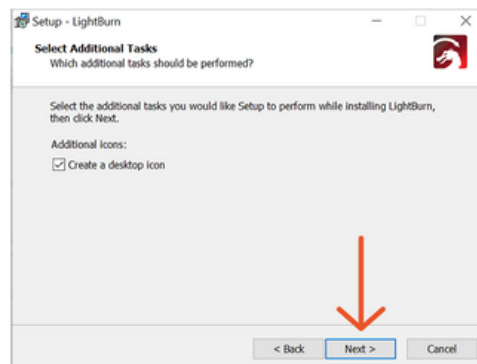
If you decide to buy it, we'll send you a license key that unlocks it permanently, allows installation on up  
enough to free updates for a year. You can read more about the license here and find prices here.



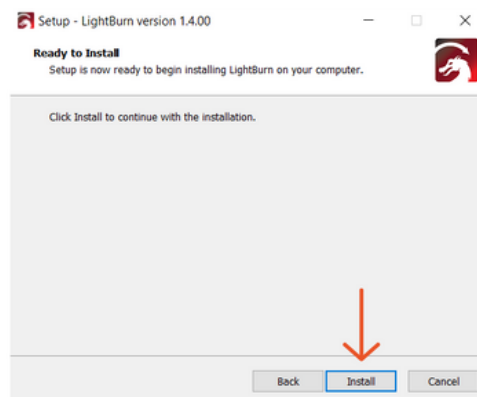
- Double-click to launch the LightBurn.exe file.



- If you receive the message “Do you want to allow this app to make changes to your device?” Click **Yes** to continue.
- Click **Next** to create a shortcut to LightBurn on your desktop.



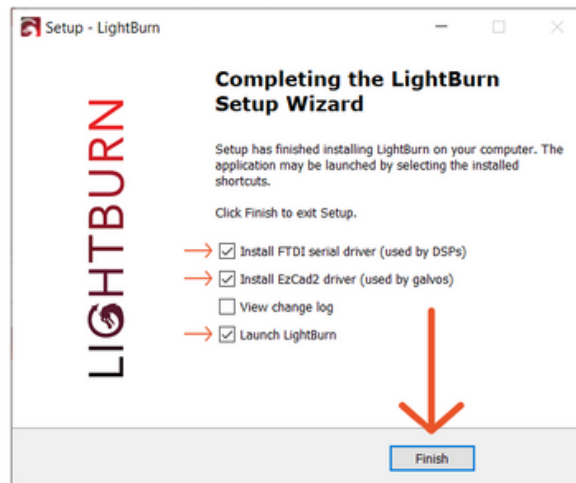
- Click **Install** to continue.



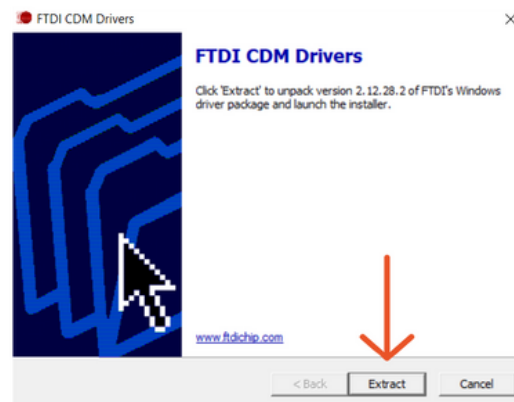
- When the “Completing the LightBurn Setup Wizard” pops-up, check both **Install EzCad2 driver (used by galvos)** and **Launch LightBurn**.

If you also use LightBurn for your CO2 laser, ensure the **Install FTDI serial driver (used by DSPs)** is also checked.

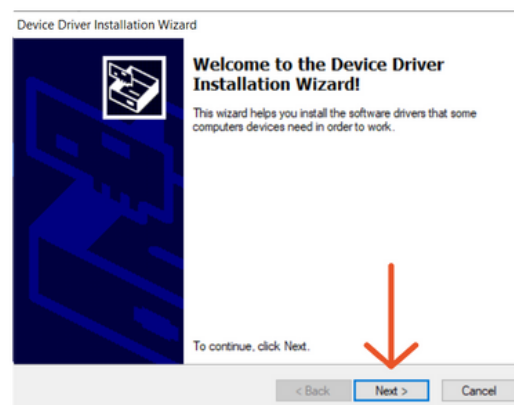
Click **Finish**.



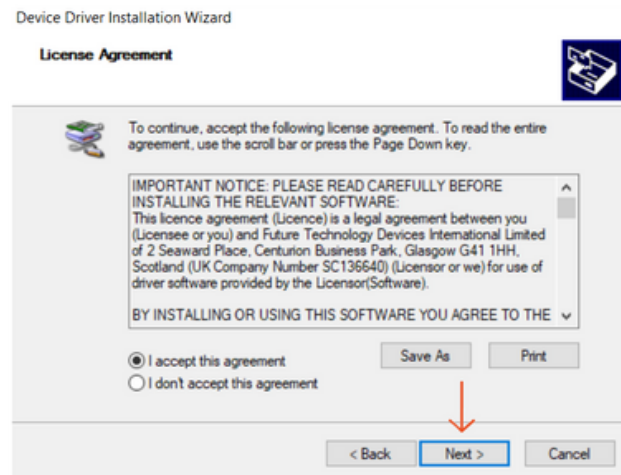
- If you receive the message “Do you want to allow this app from an unknown publisher to make changes to your device?” Click **Yes** to continue.
- Click **Extract** to unpack the Windows driver and launch the installer.



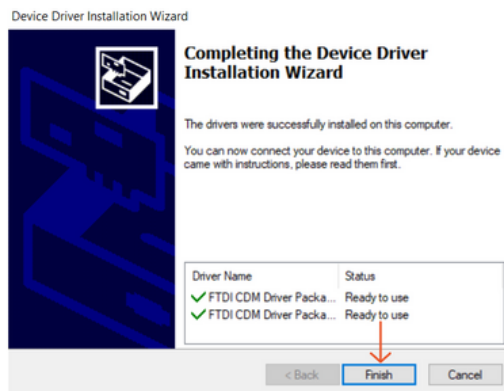
- Click **Next** to continue.



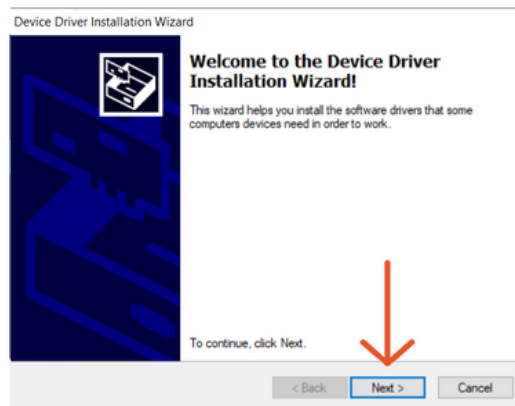
- If you agree to the terms, check the box to confirm you have read and accept the Microsoft Visual license terms, and click **Next**.



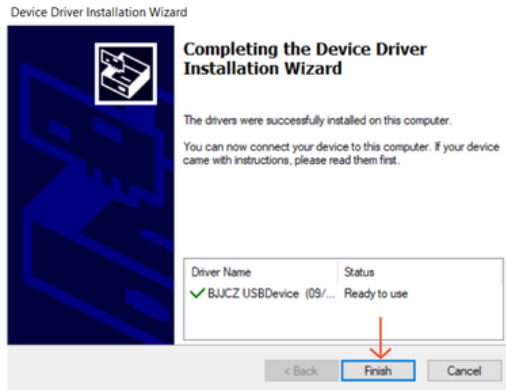
- Click **Finish**.



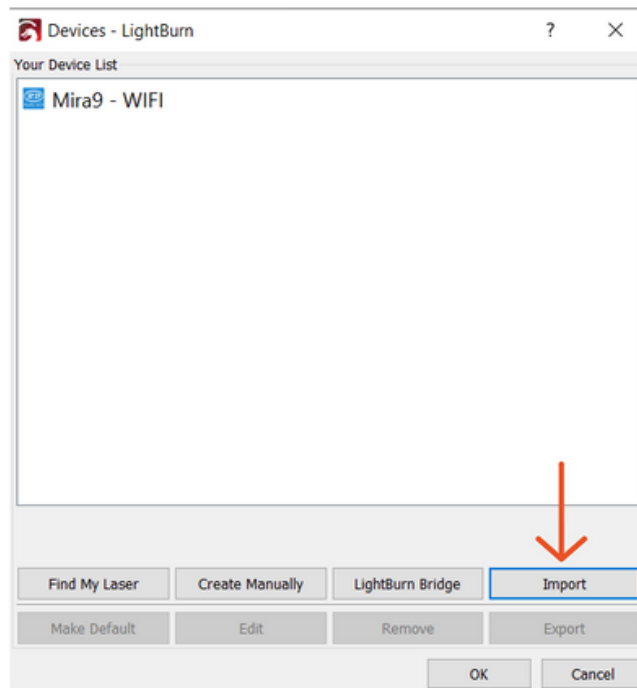
- If you receive the message "Do you want to allow this app to make changes to your device?" Click **Yes** to continue.
- Click **Next** again.



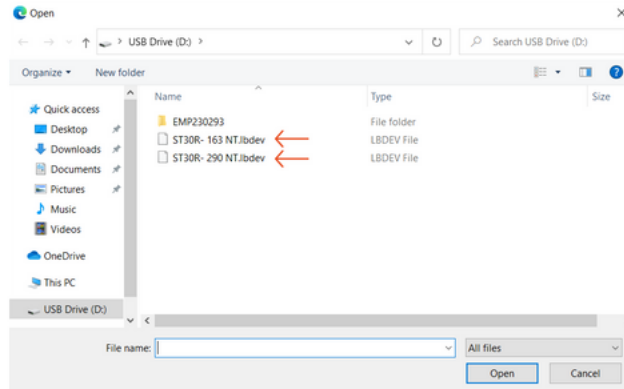
- If you receive the message “Would you like to install this device software?” Click **Install** to continue.
- Click **Finish**.



- Plug the supplied USB thumb drive into an open USB port on your computer.
- If the **Devices Window** is open, click **Import**. If not, click the **Devices** button in the **Laser Window**, and then click **Import**.



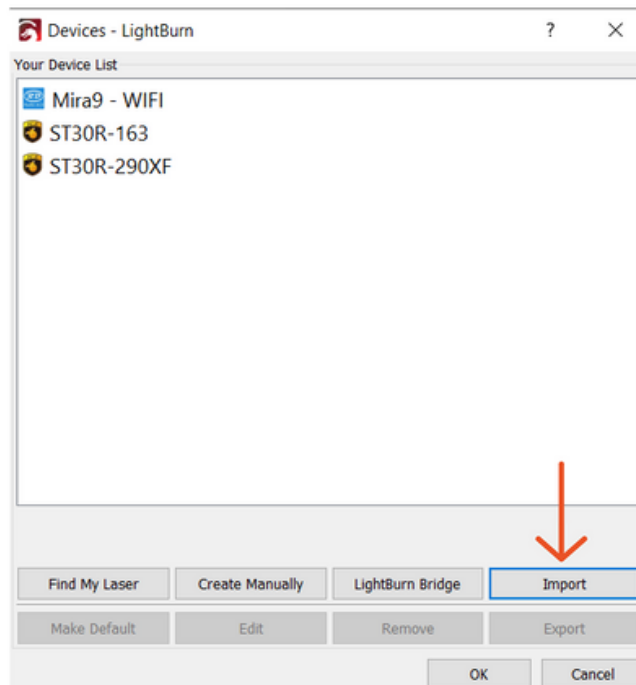
- Navigate to the USB Drive on your computer.



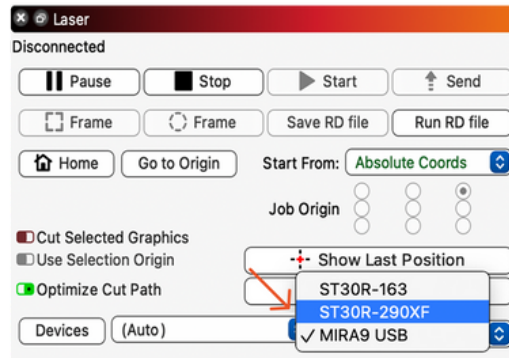
- Select the file ending in **.lbdev** that corresponds with the lens that is currently installed in the Galvo Fiber Laser and click **Open**.

**Note:** If there is more than one .lbdev file on the Galvo Fiber Laser USB Thumb Drive, repeat these steps to open the second file. These files represent the various lens sizes that come with the Galvo Fiber Laser.

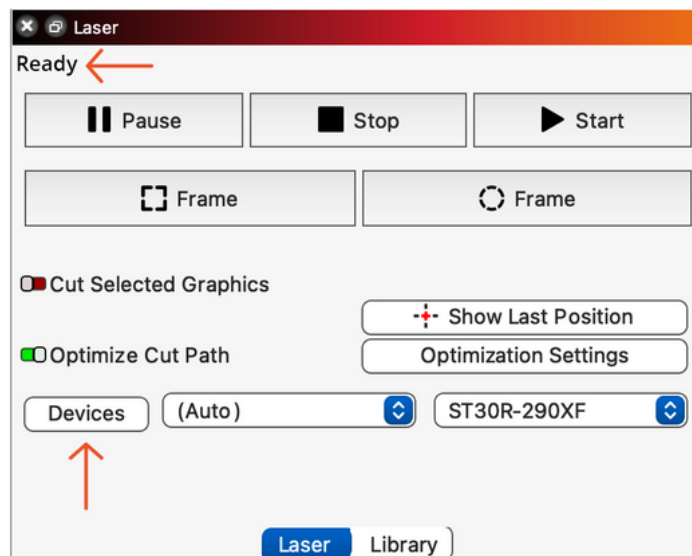
- Select the new device that corresponds with the lens that is currently installed in the Galvo Fiber Laser from the **Devices** list and click **OK**.



- In the **Laser Window**, select the new device from the dropdown menu.



- Plug one end of the supplied USB cable directly into an open USB port on your computer.
- Plug the other end of the supplied USB cable into the USB port located on the back of the cabinet.
- In the **Laser Window**, right-click the **Devices** button to reset the connection. It should now say **Ready**.



Congratulations! LightBurn is now paired with your Galvo Fiber Laser!