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Windows Dev Center ⌄

IoT Home (https://dev.windows.com/en-us/iot) > Manual Set up

Manually set up your IoT Core device

Download and install the Windows 10 IoT Core Insider Preview Image

Getting the image   Hide

The set up experience for the latest Insider Preview image is slightly different than our other products. The following flow is to help you get going with our most recent builds (hot off the press!).

If you have a Raspberry Pi 3, you will need to download the most recent Insider Preview image.

1. **Download the most recent Insider Preview image**.

   (http://go.microsoft.com/fwlink/?LinkId=733603)

   You need to have a valid Microsoft Account and need to be signed up for the Windows Insider Program to be able to download the Insider

Preview. Visit the downloads page here (http://go.microsoft.com/fwlink/p/?linkID=532967) for more details.

2. **Click the desired image under the "Windows 10 IoT Core Insider Preview".** You are required to have a Microsoft account and must a part of the Windows Insider Program to gain access to this image. Joining the Windows Insider Program is free and anyone can join. Once you're signed up, select the build version (a higher number indicates a newer build) and your device, click "Download Now".

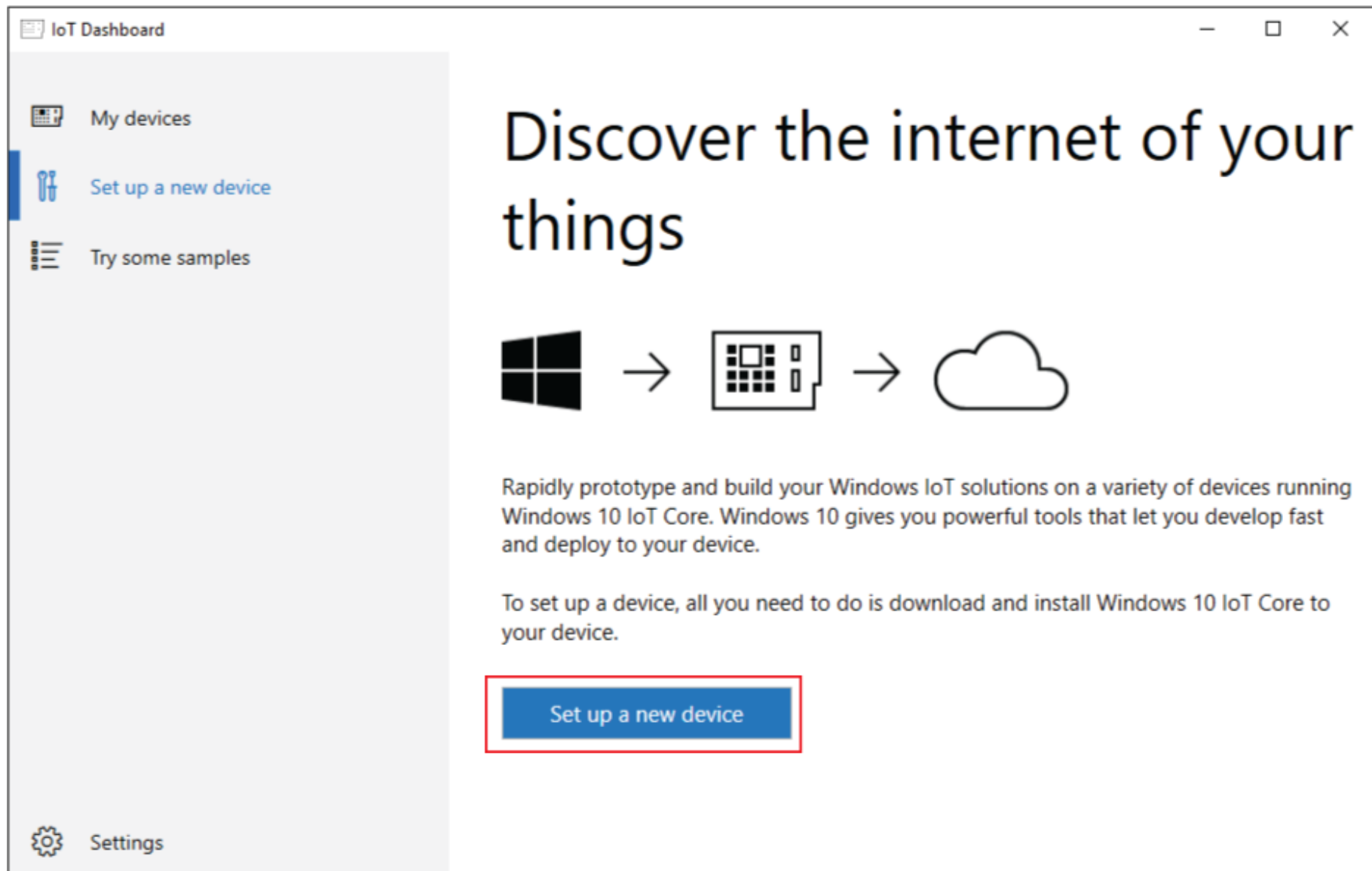3. Find the downloaded .ISO and double click on it.
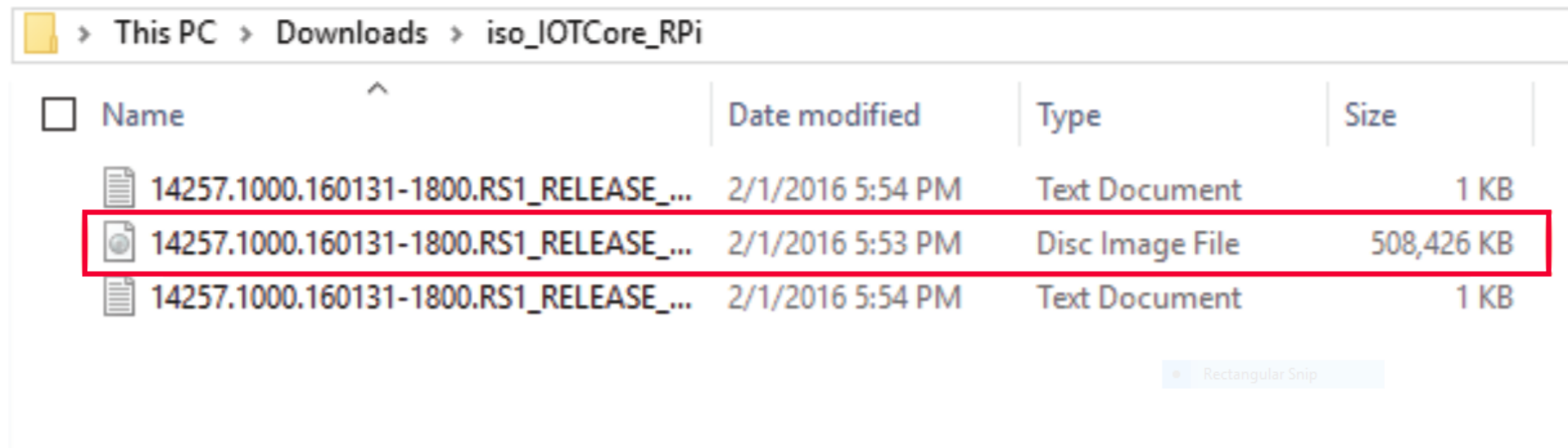
4. Double click the Windows Installer Package (.MSI) and follow the installation steps
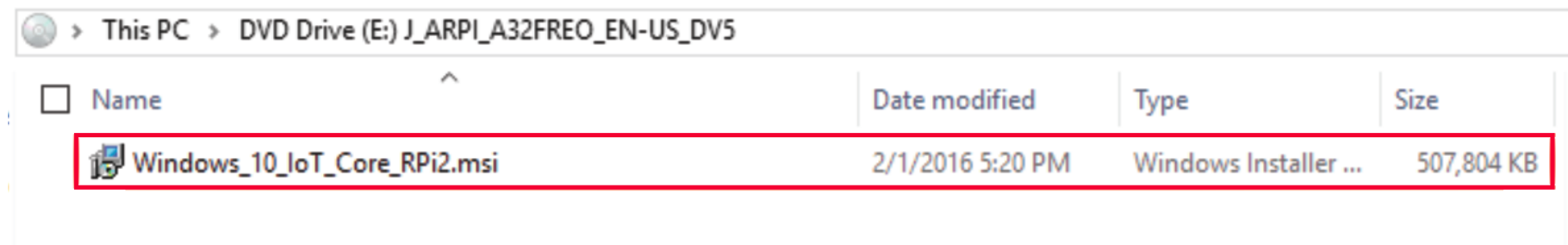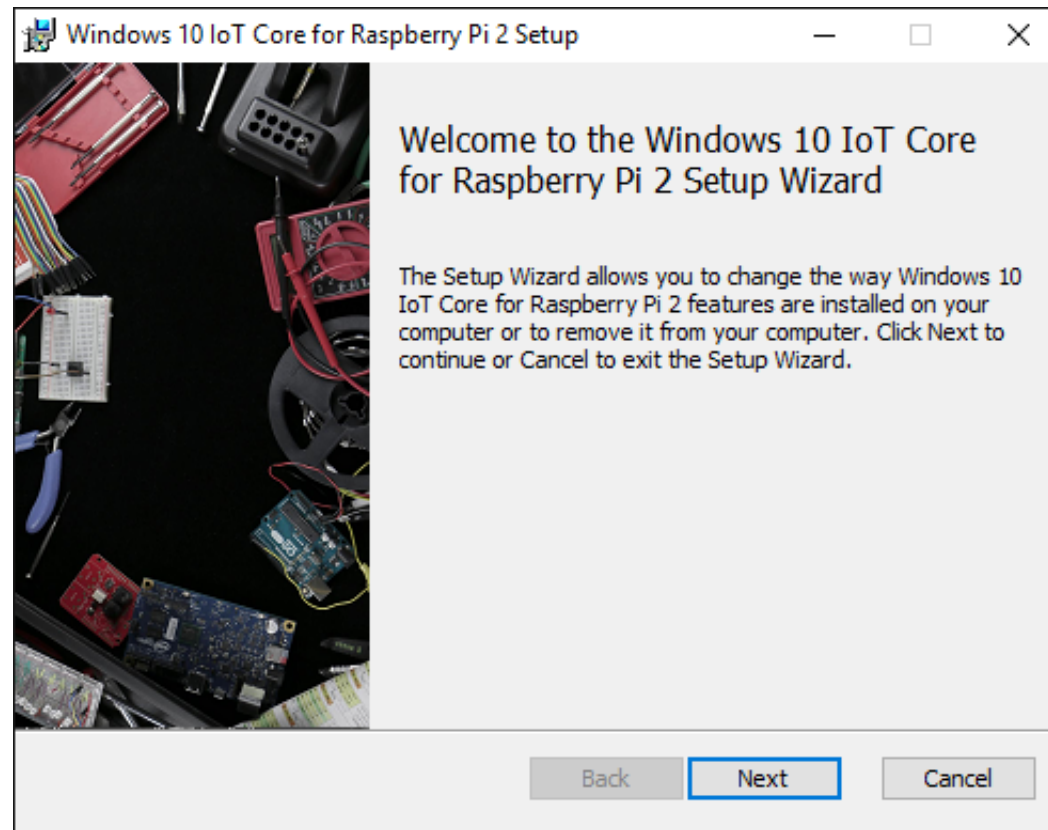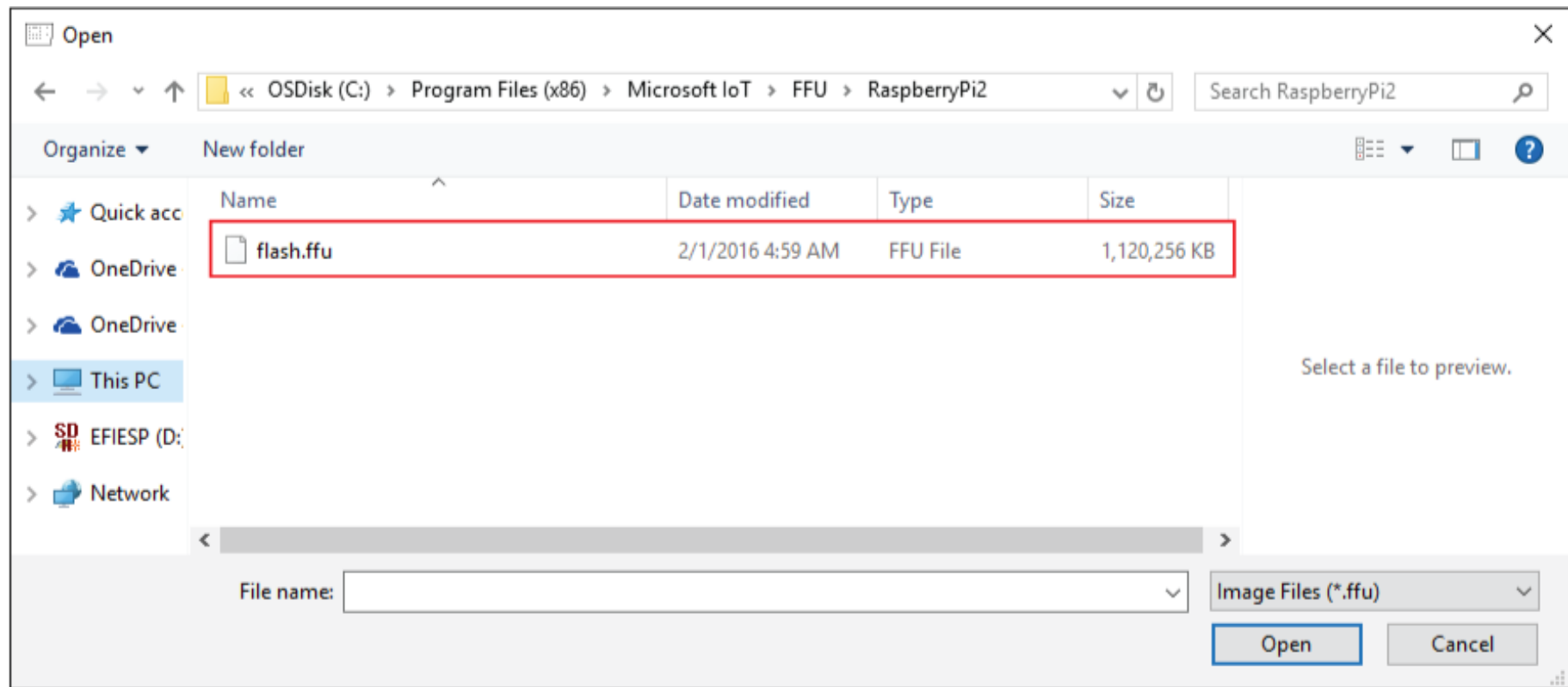
5. **Launch the IoT Dashboard.** The Windows 10 IoT Core dashboard will allow you to flash the downloaded image onto your SD card. You can install the IoT Dashboard from here. (http://go.microsoft.com/fwlink/?LinkID=708576)

6. **Click "Set up a new device".** Once there, select "Custom" from the "Device type" drop down. Click the "Browse" button to find your image (.ffu)

IoT Dashboard

— □ ✕

- ⊞ My devices
- ⚒ Set up a new device
- ☰ Try some samples

Discover the internet of your things

⊞ → ▦ → ☁

Rapidly prototype and build your Windows IoT solutions on a variety of devices running Windows 10 IoT Core. Windows 10 gives you powerful tools that let you develop fast and deploy to your device.

To set up a device, all you need to do is download and install Windows 10 IoT Core to your device.

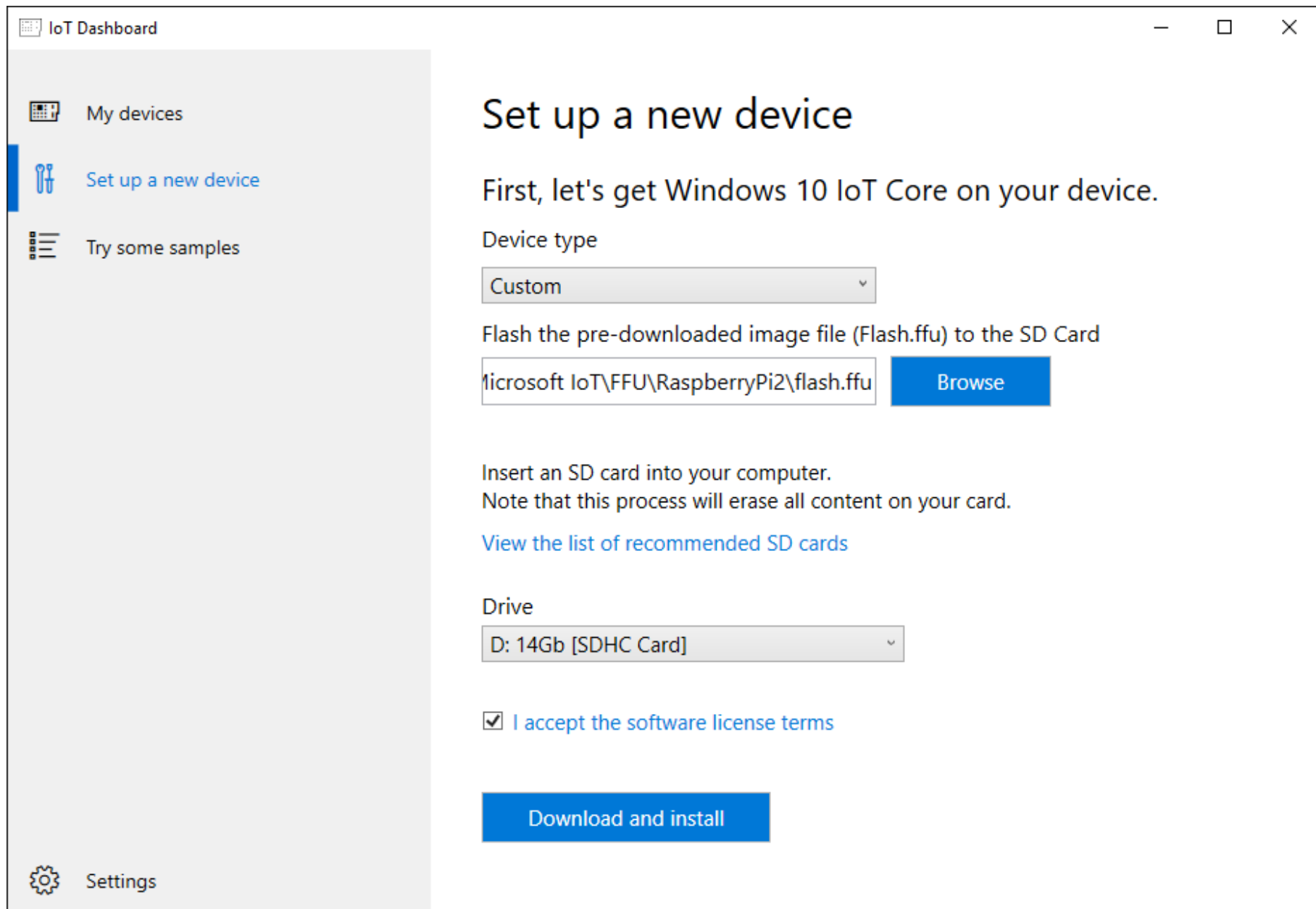**Set up a new device**

⚙ Settings

7. Navigate to "C:\Program Files (x86)\Microsoft IoT\FFU*DeviceType*" and select Flash.ffu.

8. **Click "Install".** Note that you must have a compliant SD card to successfully flash. We recommend a Class 10 SD card with a size of at least 8 GB or more. Once done flashing, you can remove the SD card and plug it into your device.

IoT Dashboard   —   □   ✕

My devices

Set up a new device

Try some samples

Set up a new device

First, let's get Windows 10 IoT Core on your device.

Device type

| Custom ⌄ |

Flash the pre-downloaded image file (Flash.ffu) to the SD Card

| 1icrosoft IoT\FFU\RaspberryPi2\flash.ffu | **Browse**

Insert an SD card into your computer.
Note that this process will erase all content on your card.

View the list of recommended SD cards

Drive

| D: 14Gb [SDHC Card]   ⌄ |

☑ I accept the software license terms

Download and install

Settings

Questions/Suggestions

As always, for questions or feedback, contact us (/content/en-US/Community.htm#contact)

Edit this page on GitHub (https://github.com/ms-iot/content/blob/develop/en-US/win10/GetStartedManually.htm)

Downloads and tools

Windows 10 dev tools
(http://go.microsoft.com/fwlink/p/?linkid=280676)

Visual Studio (http://go.microsoft.com/fwlink/p/?
LinkId=618475)

Windows SDK (http://go.microsoft.com/fwlink/p/?
linkid=616887)

Windows Store badges
(http://go.microsoft.com/fwlink/p/?LinkId=534236)

Essentials

API reference (Windows apps) (http://go.microsoft.com/fwlink/p/?
LinkId=534192)

API reference (desktop apps) (http://go.microsoft.com/fwlink/p/?
linkid=285627)

Code samples (http://go.microsoft.com/fwlink/?LinkID=534190)

How-to guides (Windows apps)
(https://msdn.microsoft.com/library/windows/apps/xaml/mt244352.aspx)

Learning resources

Microsoft Virtual Academy
(http://www.microsoftvirtualacademy.com/)

Channel 9 (http://channel9.msdn.com/)

Video gallery (http://go.microsoft.com/fwlink/p/?
linkid=280677)

Windows 10 by 10 blog series
(http://blogs.windows.com/buildingapps/2015/08/05/build-better-apps-windows-10-by-10-development-series/)

Programs

Get a dev account
(http://go.microsoft.com/fwlink/p/?LinkId=534191)

App Developer Agreement
(http://go.microsoft.com/fwlink/p/?LinkID=246847)

Windows Insider Program
(http://insider.windows.com/)

Microsoft Affliate Program
(https://go.microsoft.com/fwlink/p/?LinkId=529768)

🌐 English (United States) (https://dev.windows.com/locale)

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