

# Adding Windows as a Second OS on Thinkpad

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## 1 Introduction

Step by step instructions for adding Windows as a second OS on a thinkpad.

### 1.1 Setting and motivation

**check thinkpad model** I have a relatively new Lenovo Thinkpad, Carbon X1 Gen 9. It came with Ubuntu installed and now I want to add Windows 11 as a second OS.

I have a 1TB SSD and I have allocated 500GB to Ubuntu. I want to allocate 500GB to Windows.

## 2 Steps

- 1) *Create a Windows bootable USB.* On the **thinkpad** running **Ubuntu** open **firefox** and download a **Windows ISO** from the **Microsoft** website to the **~/Downloads** directory. [Download Windows 11](#) **check** I tried using balenaEtcher on my macbook but that was a no go since the Windows ISO did not have a partition table. Use Ventoy to create a bootable USB. [Ventoy](#)

From the Ventoy website:

“What is Ventoy Ventoy is an open source tool to create bootable USB drive for ISO/WIM/IMG/VHD(x)/EFI files. With ventoy, you don’t need to format the disk over and over, you just need to copy the ISO/WIM/IMG/VHD(x)/EFI files to the USB drive and boot them directly. You can copy many files at a time and ventoy will give you a boot menu to select them (screenshot). You can also browse ISO/WIM/IMG/VHD(x)/EFI files in local disks and boot them. x86 Legacy BIOS, IA32 UEFI, x86\_64 UEFI, ARM64 UEFI and MIPS64EL UEFI are supported in the same way. Most types of OS supported (Windows/WinPE/Linux/ChromeOS/Unix/VMware/Xen...) 1200+ image files are tested (list), 90%+ distros in distrowatch.com supported (details)”

From Wikipedia:

“Ventoy is a free and open-source utility used for creating bootable USB media storage devices with files such as .iso, .wim, .img, .vhd(x), and .efi. Once Ventoy is installed onto a USB drive, there is no need to reformat the USB drive to add new installation files. Instead, it is enough to copy .iso, .wim, .img, .vhd(x), or .efi file(s) to the USB drive.[2][3][4] Ventoy presents the user with a boot menu to select one of the installation files held on the USB drive.”

Download Ventoy from <https://www.ventoy.net/> Extract the downloaded package Run the installation script:

```
cd ventoy-x.x.xx
sudo ./Ventoy2Disk.sh -i /dev/sdX
```

where **x.x.xx** is the version number and **sdX** is the USB drive.

- 2) *Create a Linux Mint bootable USB.* On the **thinkpad** running Ubuntu open **firefox** and download a **Mint ISO** from the **Mint** website to the **~/Downloads** directory. [Linux Mint 22.1 "Xia" - Linux Mint](#)

## 2.1 Prerequisites

In development

## 2.2 Step-by-Step Implementation

In development

## 2.3 Key Takeaways

In development

## 2.4 Further Reading

In development