AIO Boot

AIO Boot > AIO Boot > How to boot from USB in VMware Workstation in UEFI mode
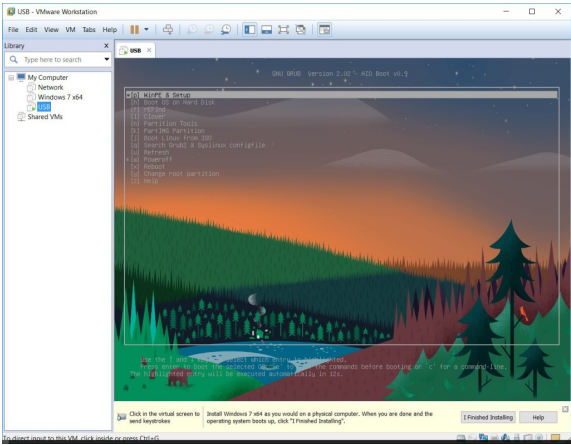
AIO BOOT

How to boot from USB in VMware Workstation in UEFI mode

| NOVEMBER 3, 2017 | TU NGUYEN | 5 COMMENTS

If you use **plpbt.iso**, you can only boot USB in Legacy BIOS mode. This article will guide you to boot from USB in VMware Workstation in UEFI mode. I'm not sure if previous versions could use a physical disk as a virtual disk in VMware. But with VMware Workstation 15, 14, you can do that. This release also provides the Secure Boot feature which I will use it to guide you on how to boot Grub2 with Secure Boot enabled.

Booting from USB in VMware Workstation is easy, but while booting, your USB will be locked and you can not use it. Unlike boot from USB in VirtualBox, VMware allows you to write data to USB. All data read and written to USB during boot will be s
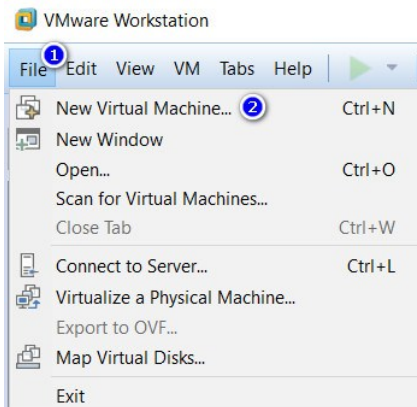
We will go through two simple steps:

- Create a new virtual machine
- Add USB to virtual machine

Create a new virtual machine

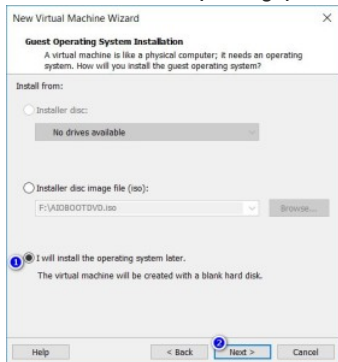You can easily create new VMs in VMware Workstation through the steps below. Ignore if you already know how to create.

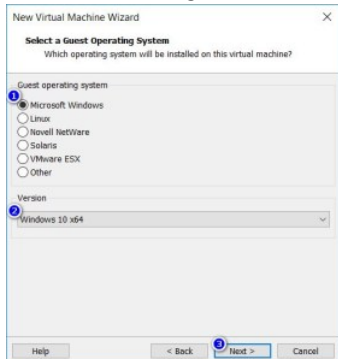1. Click **File**, select **New Virtual Machine…**

2. Select **Typical (recommended)** and click **Next**.

3. Select **I will install the operating system later.** and click **Next**.

4. In the **Guest operating system** and **Version**, select the appropriate item for you. Here I choose **Windows 10 x64**.

5. Next at the **Name the Virtual Machine** window, select the Virtual Machine Name and Location and click **Next** to continue. I will keep the default.

6. In the **Specify Disk Capacity** window, enter the maximum size for the virtual hard disk you want to create. I will enter the smallest size is **0.001** because I will not use it.
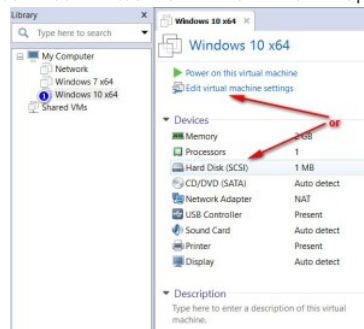
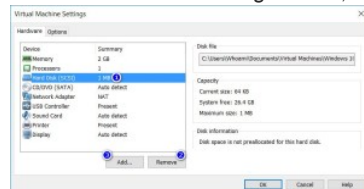7. Click **Finish**, you now have a new virtual machine.

Add USB to virtual machine

After we create a new virtual machine, we will now add USB as the VMware Virtual Hard Disk.
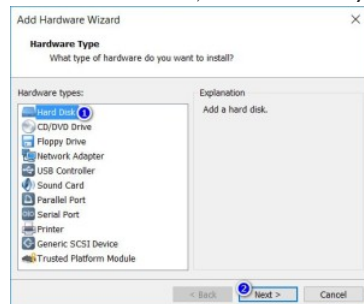
1. Select the virtual machine name in the left pane, then select **Edit virtual machine settings**.
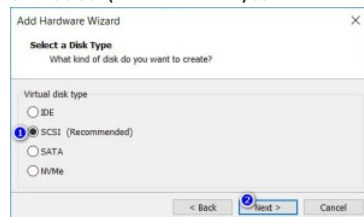
2. In the **Virtual Machine Settings** window, if you do not use the virtual disk you created earlier, you can select it and click the **Remove** button to delete it.

3. Click the **Add...** button, under **Hardware types**, select **Hard Disk** to add a new Hard Disk. Click **Next**.

4. Select **SCSI (Recommended)** as recommended by VMware and click **Next**. You can select another item that is suitable for your use.
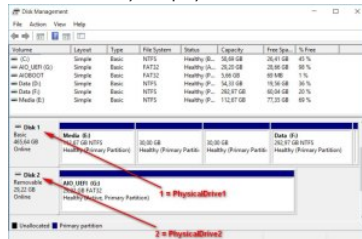
5. In the **Select a Disk** window, select **Use a physical disk (for advanced users)** and click **Next**.

6. In the **Select a Physical Disk** window, select your physical disk in the **Device**, it can be USB or HDD. Select **Use entire disk** in the **Usage** section to use Disk whole (all partitions on disk) or **Use individual partitions** to select the partitions you want. Click **Next** to continue.

How to identify the physical disk name in the **Device** section? Just open **Disk Management** and see the corresponding disk number.
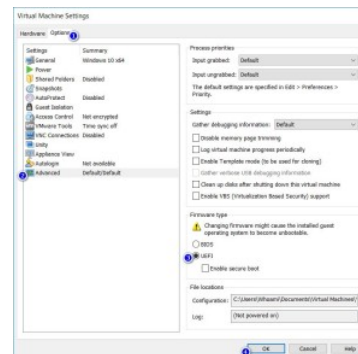

7. In the **Specify Disk File** window, select the name and location where you want to save the disk file. Click **Finish** to finish, click **OK** to close the **Virtual Machine Settings** window.

Ok now you can boot from USB in VMware Workstation by click the **Power on this virtual machine** button.

If you encounter this error, just quit all applications running on this disk and are using this disk.

```
One of the disks in this virtual machine is already in use by a virtual machine or snapshot.
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You can choose to use UEFI or BIOS mode in **Virtual Machine Settings**. Select **Enable secure boot** to enable Secure Boot.

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5 THOUGHTS ON "HOW TO BOOT FROM USB IN VMWARE WORKSTATION IN UEFI MODE"

Kopi

FEBRUARY 9, 2019 AT 4:47 PM

Thank You

Anon

JUNE 7, 2018 AT 12:34 PM

Important: USB emulation in the VM must be set to 3.0.

It will not work if set to 2.0

Erik

MAY 24, 2018 AT 5:01 PM

I LOVE YOU – YOU ROCK – TOTALLY BRILLIANT – I wish I was smart enough to think of that, and I wish the VMware folks were too!

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iugrifma

MAY 24, 2018 AT 10:15 AM

Slick, no need for third parts software or tools anymore. Nice.

Wulf Kixxot

MAY 18, 2018 AT 7:32 PM

Excellent! I was able to restore an Acronis image into a new Windows 10 VM with no issues.