## How to install Windows on a Mac for Reconstruct

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1. For the virtual machine client application, navigate to VMware's product page for VMware Fusion 10 in a web browser: <u>https://www.vmware.com/products/fusion.html</u>



2. Click on "Download Now" link (<u>https://www.vmware.com/products/fusion/fusion-evaluation.html</u>). Note this will install the Free Trial of this software application.



3. Click on the .dmg in your Downloads folder to open the installer.



4. Double click the icon to install VMWare Fusion 10.



5. If prompted, provide the admin password to authenticate.



6. Select installation method. We will be installing from disc or image (more details in the next step).

Select the Installation Method



7. Obtain a licensed copy of Windows. You can download disc image (ISO file) from official source here: <u>https://www.microsoft.com/en-us/software-download/windows10</u> (64-bit recommended)

## Do I need a copy of Windows to run VMware Fusion?

Yes. VMware Fusion requires the installation of an operating system in order to function. The operating system is not included with the purchase of VMware Fusion. You can either migrate an existing copy of Windows from your old PC or install a new one. In order to run a Windows virtual machine, you must have a licensed copy of that Windows operating system or purchase a new Windows license.



8. Drag the disc image from your Downloads folder into the Create New Virtual Machine window.

Create This will guide you through inst	e a New Virtual Mac alling Windows or another operatin on your Mac.	shine g system in a virtual mach	ine *	Improving on the best way to run Windows on the Mac, Fusion 10 offers a new, simplified user interface with Touch Bar support, as well as a brand-new graphics rendering engine leveraging Apple's Metal technology.
Choose Disc or Image Choose an operating syste	Configuration	⊖ Finish & ~		Built for more than just Windows on the Mac, Fusion 10 Pro is a powerful solution for IT pros, developers and businesses, and includes new features such as the all new Fusion API, updated
	Ŧ			and enhanced remote vSphere controls.
Dr	ag a disc image her	e	Try	Fusion 10 Pro
	Use another disc or disc image			ownload Now » VMware-Fusion-10.1.2-8502123.dmg
		Go Back Continu	CADEER	

9. Select Easy Install option, otherwise you can manually configure your installation. You will need to provide your own Windows Product Key and select your version of Windows OS (can purchase here, if needed: <u>https://www.microsoft.com/en-</u> us/windows/get-windows-10?step=MacQuestion1).

Microsoft V	Vindows Ea	asy Install	
With Easy Install, VMware Fusion will us Windows 10 x64 from your installation o	e the information p disc and install drive	rovided here to automat rs to optimize your virtu	al mach
Choose Disc or Image	Configuration		
✓ Use Easy Install			
Account Name:	Synapse Web		
Account Type:	Administrator		
Password:		(optional)	
Confirm Password:			
Windows Product Key:			
Language:	English (United Stat	es)	
Choos	e your Windows ver	sion 0	

10. Configure your virtual machine (Windows 10) by allocating RAM and hard disk space appropriately depending on your hardware specifications of your Mac. Note: 2-4 GB of RAM is sufficient to allocate; hard disk space allocation depends on how much space you need for your sets of images you plan to work with in Reconstruct.

Choose Disc	Configuration	Finish	
or Image			
	Virtual Machine Summary		
Guest Op	erating System Windows 10 x64	1	
	New Hard Disk Capacity 60 GB		
	Memory 2 GB		
	Networking Share with my N	fac (NAT)	
D	evice Summary CD/DVD, USB C	ontroller, Printer,	Sound Card
change the default virt	ual machine settings, click Cust virtual machine now, click Finish	omize Settings. T	o run the

11. Choose where to save your newly created virtual machine.

Save As:	Windows 10 x64
Tags:	
Where:	Virtual Machines
- Shara this virtu	
Some features wi Sharing is only as shared folder.	al machine with other users on this Mac II be limited when sharing a virtual machine. vailable when the virtual machine is saved in a

12. A new window should open with play button to run the virtual machine. Follow along the setup steps necessary for completing the setup of Windows 10. If prompted, install VMware Tools to ensure proper file sharing between Host OS (macOS) and Guest OS (Windows 10).

13. Once set up, download and install Reconstruct from SynapseWeb: <u>https://synapseweb.clm.utexas.edu/software-0</u>

## Additional Resources:

1. VMware's "Getting Started Guide" documentation for VMware Fusion 10: https://docs.vmware.com/en/VMware-Fusion/10.0/com.vmware.fusion.using.doc/GUID-F2874B79-A32A-4B83-914F-9838372D47CD.html

2. You can obtain a free trial of VMware Fusion or VMware Fusion Pro at: <u>https://www.vmware.com/products/fusion/fusion-evaluation.html</u>

3. If you have any issues, Google or YouTube provide excellent guides for installing virtual machines for the first time. Here's an article I found in a cursory Google search that sums up the entire process with images and relevant steps: <a href="https://www.imore.com/how-run-windows-10-your-mac-using-vmwares-fusion-10">https://www.imore.com/how-run-windows-10-your-mac-using-vmwares-fusion-10</a>