

Engineering VirtualBox Appliance

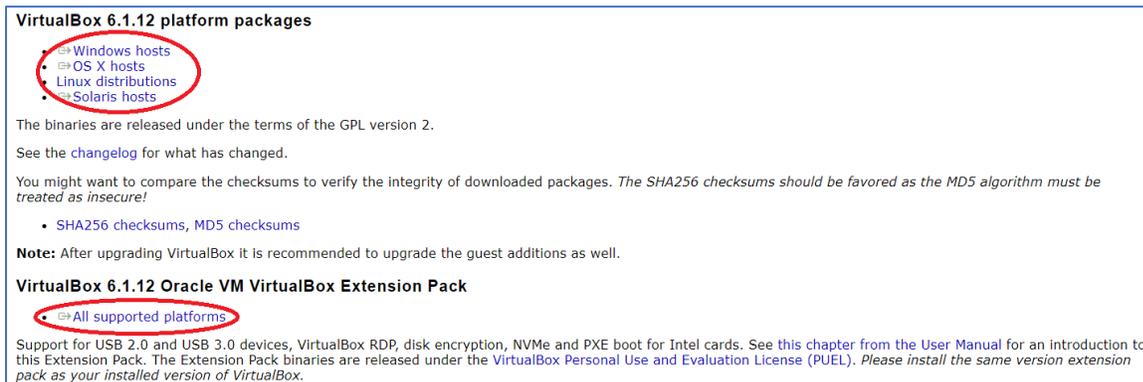
Updated 2020-09-01

The Engineering Student VirtualBox Appliance allows you to run select Windows software packages under macOS or Linux. These applications include:

- Office 365 Pro Plus with Visio Pro and Project Pro
- SolidWorks 2020
- NI LabView Spring 2020
- SimaPro 8.0.2

Download and Install VirtualBox

Go to <https://www.virtualbox.org/wiki/Downloads> and download the version of VirtualBox that matches your computer's OS and the **VirtualBox Extensions Pack**:



VirtualBox 6.1.12 platform packages

- Windows hosts
- OS X hosts
- Linux distributions
- Solaris hosts

The binaries are released under the terms of the GPL version 2.

See the [changelog](#) for what has changed.

You might want to compare the checksums to verify the integrity of downloaded packages. *The SHA256 checksums should be favored as the MD5 algorithm must be treated as insecure!*

- SHA256 checksums, MD5 checksums

Note: After upgrading VirtualBox it is recommended to upgrade the guest additions as well.

VirtualBox 6.1.12 Oracle VM VirtualBox Extension Pack

- All supported platforms

Support for USB 2.0 and USB 3.0 devices, VirtualBox RDP, disk encryption, NVMe and PXE boot for Intel cards. See [this chapter from the User Manual](#) for an introduction to this Extension Pack. The Extension Pack binaries are released under the [VirtualBox Personal Use and Evaluation License \(PUEL\)](#). Please install the same version extension pack as your installed version of VirtualBox.

Install VirtualBox, then open the Extension Pack to install it within VirtualBox.

Download and Unzip the Engineering VirtualBox Appliance

Go to <https://support.cise.jmu.edu/installs/jmu/EngrStu/>, log in with your JMU eID and password, and download [EngrStu.zip](#) (27.5 GB):



support.cise.jmu.edu/installs/jmu/EngrStu/

support.cise.jmu.edu - /installs/jmu/EngrStu/

[\[To Parent Directory\]](#)

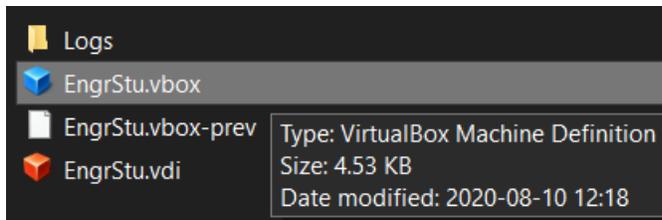
Monday, August 10, 2020 1:33 PM 29560509931 [EngrStu.zip](#)
Wednesday, March 18, 2020 10:32 AM 30334366241 [EngrStu_2020-03-18.zip](#)

(SHA-256 AEAD0334F1B3CCA9F07E2E621B6C9B291F835F5AB12A7D9CB0524DF0F43EAA8F)

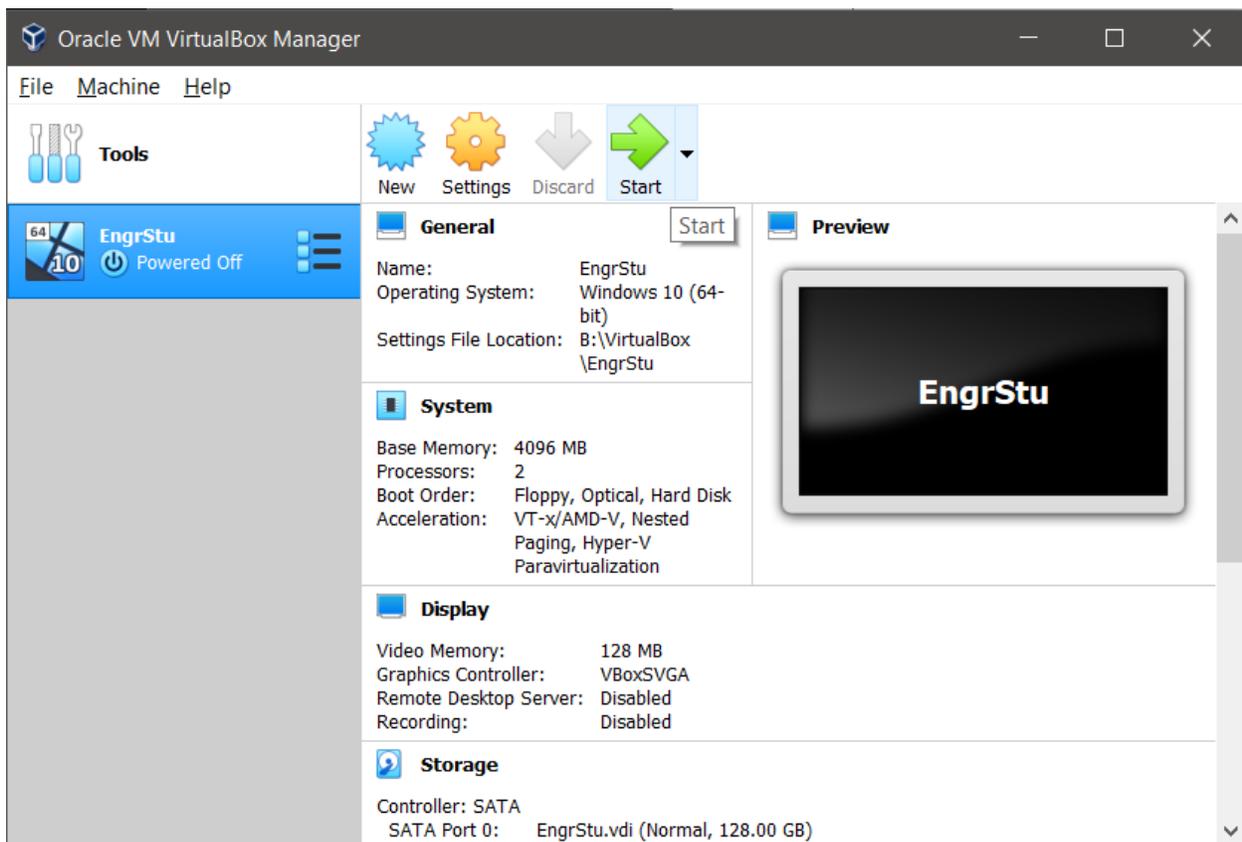
⚠ Once downloaded, open the zip file to extract it. The unzipped files will take an additional 54 GB of your hard disk, and may grow upon usage. Please delete the zip file to get 27 GB of your disk back.

Run the Engineering VirtualBox Appliance

Within that extracted folder, double-click EngrStu.vbox. This will load the Engineering Student Appliance within VirtualBox.



Within VirtualBox, make sure the EngrStu VM is selected, then click the green Start button:



This will launch the appliance, allowing you to use Windows and the installed applications. You may install additional applications within the appliance should you wish.

 If you receive a “kernel driver not installed” error, you may need to [go into the System Preferences App to allow software from Oracle](#).

Support

If you have any questions or need assistance, please email Cise IT Support at Cise-IT@jmu.edu.

Happy Computing!