



## PC Laptop System Recommendations

Using a laptop with sufficient “horse-power” will ensure that participants will have the best experience during the hands-on portion of the course. Listed below are the bare-bones minimum requirements to open and use the software, albeit with some lag and slow-downs. Also listed is a recommended configuration if you wish to utilize the software easily and efficiently. You will find that the minimum requirements are fairly low, however, I do recommend you aiming for using a laptop somewhere near the recommended configuration. Laptops with discrete video cards, such as NVIDIA/ATI are more difficult to find and/or are more expensive, so you should weigh your options carefully. If you have ANY computer questions, kindly send me an e-mail ([mds@scherer.net](mailto:mds@scherer.net)) and I will be happy to assist you in your decisions.

	<b><u>Minimum</u></b>	<b><u>Recommended</u></b>
CPU	Intel Pentium 3	Intel core i5 or i7 multi-core processor
RAM	2GB RAM	>8GB RAM
Free Hard Disk	100GB	250GB
Graphics Card	Intel HD/Integrated Graphics	NVIDIA GeForce or ATI Radeon HD
Operating System	Windows 7 32-bit	Windows 10 64-bit

### Detailed Instructions Where to Find Above Settings:

To find many of these settings in Windows 8/10, left click the start button and start typing “System”. You will see the option of “System” and often in combination with “Control Panel”. Alternatively, right click the start button and the control panel icon will be listed there. You may need to change the view setting from “Category” to “Small Icons” to find the “System” icon. Everything except the graphics card will be listed there in the box. To find the graphics card information, click “Device Manager” button on the left and click the arrow next to “Display Adapter” to see what type of graphics card you have. To find how much free hard drive space you have, left click the start button and start typing “This PC” and click the icon that’s displayed. You will see your “C” or “D” drive with storage information and compare to the above list. If you do not have enough free storage, you should clear out some of your documents folder or delete old programs you don’t use. Alternatively, you can bring along an external hard drive if you are unable to make more room.

Note: I have about 133GB free on drive “C” and 935GB on drive “D”

#### Devices and drives (3)

Local Disk (C:)

332 GB free of 465 GB

Local Disk (D:)

875 GB free of 1.81 TB

System

Control Panel Home

View basic information about your computer

Windows 10 Home

Processor: Intel(R) Core(TM) i7-6700HQ CPU @ 2.60GHz 2.60 GHz

Installed memory (RAM): 16.0 GB

System type: 64-bit Operating System, x64-based processor

Pen and Touch: No Pen or Touch input is available for this Display

Computer name, domain, and workgroup settings

Computer name: Mike-GigabytePC

Full computer name: Mike-GigabytePC

Computer description:

Workgroup: WORKGROUP

Windows activation

Windows is activated [Read the Microsoft Software License terms](#)

Product ID: 00125-95865-49701-AA01M

Device Manager

CPU/RAM/Operating System Info

Opening “device manager” opens to this page

Device Manager

File Action View Help

Mike-GigabytePC

- Audio inputs and outputs
- Batteries
- Bluetooth
- Computer
- Disk drives
- Display adapters
  - Intel(R) HD Graphics 530
  - NVIDIA GeForce GTX 970M
- Firmware
- Human Interface Devices
- IDE ATA/ATAPI controllers
- Imaging devices
- Keyboards
- Memory technology devices
- Mice and other pointing devices
- Monitors
- Network adapters
- Print queues
- Processors
- Sensors
- Software devices
- Sound, video and game controllers
- Storage controllers
- System devices
- Universal Serial Bus controllers

Click arrow to “expand” group to see your graphics cards and compare to the list above