

Software Hardware List

Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
All	Visual Studio 2017 Community Edition or later	Free	Yes	\$0	https://visualstudio.microsoft.com/downloads/	Any system that can run Visual Studio	Windows

This book's example solutions use Visual Studio 2017 Community Edition, which you can download for free at visualstudio.microsoft.com/downloads. Go to that URL, look for the **Community** heading, and click **Free download** to download the installer bootstrapper.

After the bootstrapper has finished downloading (it's fast), run it to begin the real download and installation process.

When you get to the Select Workloads step, be sure to select the .NET Desktop Development workload. That will allow you to build desktop applications in C#. (You can install other workloads, too, if you like.)

Be warned that Visual Studio is huge! The download includes several gigabytes of data and it expands during installation to take up as much as 130 GB of disk space. Microsoft says that new installations should take no more than 45-50 minutes, although it may take longer if you have earlier versions installed on your computer.

For those reasons, I recommend that you perform the installation on a high-bandwidth network connection and that you have a few free hours available just in case.

For more detailed installation instructions including a link to system requirements, go to docs.microsoft.com/en-us/visualstudio/install/install-visual-studio.