

For this study, a laptop is required. There are no hard requirements for the laptop. The application that may require the most of the hardware is VirtualBox or Docker. VirtualBox user hardware acceleration. This means *VT-x hardware acceleration* for Intel processors and *AMD-V hardware acceleration* for AMD processors. VT-x. These techniques are supported by virtually every new CPU from these manufacturers. Apple laptops with an M1 chip cannot currently be used for virtualization.

This means that you have a lot of options to choose from. We think that budget is the most important factor. In our opinion, any laptop from €600,- will do. Sufficient RAM memory (minimum 16GB) ensures that you can easily run multiple applications simultaneously. A working battery is also recommended. This is to make sure you can follow classes even when external power is not available nearby. The GPU is not important unless you want to work on Virtual/Augmented Reality.

In summary, the requirements are in order of importance:

1. CPU with at least VT-x/AMD-v support
2. Internal memory (RAM): 16GB
3. Your budget, although we recommend at least €600,-
4. A battery that provides power for at least three hours
5. SSD instead of HDD, with a minimum of 250GB
6. Better CPU, i.e. Intel core i5