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## Technical specifications for Race Studio 3 installation

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**Question:**

Which hardware specifications are mandatory for my PC in order to make AiM software work without errors or slowdowns?

**Answer:**

In the table below, the main PCs technical specifications are mentioned.

**Windows Operating Systems**

Race Studio 3 can be installed on:

- Windows 7
- Windows 8
- Windows 8.1
- Windows 10
- Windows 11

AiM recommends the two most recent OSs.

**Mac and Linux OSs**

A Race Studio 3 installation can be performed using a virtualized Windows into another OS. Various software are available as virtualizer like, for example, VMWare, Parallels, VirtualBox.

32 bits OSs cannot virtualize a 64bit Windows; this means Race Studio 3 will not install.

ARM OSs don't normally feature a correct support for drivers, so there are very high chances that Race Studio 3 won't communicate.

**Antivirus Software**

In order not to have both data download and devices identification errors, please ensure that you add Race Studio 3 both executable and installation path within the folder list the antivirus software makes exception for.

Please remember that all AiM drivers are signed and certified by Microsoft and all AiM installers are digitally signed by third party authorities. With a simple right click on the file, choose "Properties" from the context menu, and go to the "Digital



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Signatures" tab.

**PC hardware**

As a general advice, or rule of thumb, we can say that the greater/bigger/faster the better. We purpose here what we recommend as minimum.

**Processor**

Data analysis requires computations and computations require processor speed. It's difficult to find a way in a world in which commercial names for processors constantly change and most of all commercial names seldomly relate clearly to their performance. Just for example, taking Intel as reference, while the processor range is i3xxx/i5xxx/i7xxx/i9xxx we recommend the i7xxx and we wouldn't go under the i5xxx. Please remember that what we represent with xxx can hide other information offering performance. A quick look on a search engine would ease you into finding the alternatives, for example for AMD, for the Intel processors we quote here.

**Memory (RAM)**

16 GB is what we recommend if you want or plan to use the videos from AiM SmartyCam, and to show web mappings track maps. In any case we wouldn't go under 8 GB.

**Hard Drive**

Solid State Drives (SSD) should be preferred over Hard Disks, as they generally are faster and more reliable. 1 TB capacity is what we recommend as minimum. In addition to the capacity, when comparing between different drives, take a look at the data transfer speed.

**Display Resolution**

1920 x 1080 pixels (Full HD) is what we recommend if you want or plan to use the videos from AiM SmartyCam. In any case we wouldn't go under 1024 x 768 pixels (HD).