



## System Requirements

If you would like to run grandMA3 on your PC, here is what it takes.

Type	Minimum	Recommended
Operating system	Windows® 10 64bit version 1803 or higher (with admin rights). Apple® macOS® High Sierra 10.13 or later.	
Processor	6th Generation Intel® Core CPU™ (processor-based platform or later) with 4 or more cores and SSE 4.2 or comparable AMD® CPU. Apple® M1® SoC CPU with 8 or more cores.	
RAM	8 GB	16 GB
Hard disk	32 GB of available space.	type SSD
Graphics card	Any graphic card with hardware acceleration, OpenGL 4.1 support, and 1024 MB VRAM.	4 096 MB VRAM
Resolution	1 920 x 1 080 or higher.	
Network card	1000BASE-T	

Additional requirements:

- To use the grandMA3 onPC in session with grandMA3 consoles, a minimum of 16 GB of RAM is required.
- To use the online help and download the latest version of grandMA3 onPC, make sure that you have internet access.
- To save the software on a USB flash drive, use a USB 2.0 or 3.0 port.



**Hint:**  
In general, we recommend more cores and more cache memory size instead of a higher processor clock speed.