



I. Requirements

Each of the requirements are absolutely necessary for the 3D Cell Explorer to operate correctly. *

CPU:	1.5 GHz or faster multi-core CPU
CPU Memory:	minimum 8GB DDR3 RAM
Hard disk:	450 MB free space for STEVE and 1 TB for acquisition data
GPU**:	NVIDIA GTX or Quadro card with a minimum 2 GB GPU RAM (dedicated)
USB ports:	2 ports, minimum one USB 3.0 port
Operating System:	64-bit versions of Windows Vista, 7, 8 or 10.
	(Updated drivers: you need to have the latest <u>Nvidia Graphics Card</u> drivers, <u>USB 3.0</u> drivers and fully updated <u>Windows</u>)
In addition:	Internet access for STEVE installation and for the newest updates.

**We are happy to provide you with a list of computers and laptops that we have tested and validated. Please contact us.*

***If you are unsure about the minimal requirements, please contact us for an updated list of tested GPU cards.*



Please pay particular attention to the graphics card requirements. The full version of STEVE performs heavy calculations using a Nvidia GPU while the microscope is acquiring data. For this reason, please refer to the minimum required specifications of the Nvidia GPU above. In addition, you need at least one USB 3.0 port for camera image acquisition.

II. PC & Laptop recommendation

We are testing different computers and are thus able to advise configurations that meet our requirements in terms of graphic power and worldwide distribution.

We can recommend the following two systems which have been tested and approved by Nanolive:

- For a PC, we recommend the **Acer Predator G3-710 (exact reference: DT.B1PEF.008.)** with the following specifications:
 - CPU: Intel core i7-4790
 - GPU: Nvidia GTX 970 2GB
 - RAM: 8GB DDR3
 - HDD: 1TB HDD
 - OS: Windows 10

Note: Nvidia GTX 950 needs to be the default graphic card!

- For a laptop, we recommend the **Asus ROG G751JT** with the following specifications:
 - CPU: intel core-i7 4710HQ
 - RAM: 8GB DDR3
 - GPU: Nvidia GTX 970M 2GB