

- **Windows 10.** Windows 7 may not run the most recent release of BioExplorer.
- i5 core processor minimum
- Processor speed 2.3 GHz +
- RAM (memory) 8 GB +
- Hard Drive 250 GB +
- DVD drive
- 2 + USB ports
- **3-pronged power cord for grounding**
- A sound card is required for audio output
- Graphics Processor – HD graphics
- Graphics card with 3D and DVD video acceleration and 64 MB or more dedicated video RAM (VRAM)
- Monitor – minimum of 15”
- **NOT a Netbook/Ultrabook.** Not enough power.
- **NOT Lenovo** we prefer. Recently users are finding many problems with Lenovo and its bloatware.
- Recommended is a second monitor
- **Windows Defender**
- **Office 32 bit Excel required for TQ7 Trainer's Q assessment tool.** TQ7 will **not run on 64 bit Excel.**

Graphics Card

Assuming your PC meets the other requirements, a fast video card will give you the most bang for the buck. Cards targeted at the gaming or multimedia market with newer chipsets should work well. Two cards or a single card with dual independent video outputs are required for dual monitor display.

Mac users– PLEASE USE BOOT CAMP. BioExplorer will run on Boot Camp or sometimes Parallels. Boot Camp is required for [BxShadow](#). Some users have successfully used VMware, but it can be problematic with the amount of data sent through the COM ports from amplifiers. **We cannot support Pocket Neurobics driver problems on machines that use virtual machines.**

Anti-Virus

We wish users would **NOT** install **McAfee, Norton, Avast, AVG, Bit Defender.** **It would be best to use Windows Defender or Microsoft Security Essentials.**

Many technical support issues we deal with relate to **Norton, Bit Defender, AVG, Avast and McAfee** programs blocking the download or installation of the BioExplorer setup file or Pocket Neurobics driver or causing lagging in BioExplorer performance. AVG incorrectly tags BioExplorer setup as containing a virus. Even with Windows security we are finding more people need to **disable the antivirus and firewall before downloading and installing** the PN wiz driver and the BioExplorer setup exe file.