Computer guidelines for IPS CaseDesigner® 2.2

Intel-based Macs: macOS® Mojave (10.14),
macOS® Catalina (10.15) and macOS® Big Sur (11)
Apple Silicon Macs (M1 chip or higher): macOS® Big Sur (11)

IPS CaseDesigner® must be used with a compatible operating system.

Recommended requirements

CPU	A CPU with at least a dual-core processor and a high clock rate (3 GHz) is recommended.
RAM	IPS CaseDesigner® consumes a considerable amount of memory due to the large datasets. A RAM memory of 8 GB is therefore recommended.
Graphics card	A dedicated graphics card with optimal 3D support (OpenGL® 3.3) and 2 GB onboard memory or more is recommended (such as AMD or NVIDIA), as IPS CaseDesigner® renders large amounts of 2D and 3D data. To check the OpenGL® version of your graphics card, go to http://realtech-vr.com/admin/glview. 4 GB or more is recommended for 4K/Retina displays. The graphics card of some MacBook Air® and Mac mini® configuration has restrictions with regard to 3D rendering. Consider selecting planning mode for 3D lighting in the visualization setting if you experience issues.
Monitor	The screen resolution is very important. Full HD (1920×1080) or higher, such as 1920×1200, is recommended.
Internet	A broadband Internet connection is required. Keep in mind that the upload and download speeds differ. An upload speed of 3 Mbps and a download speed of 30 Mbps or more are recommended.
Disk space	5 GB of free disk space is required for a standard installation. More disk space is used based on the number of patient files. A typical patient file is about 250 MB.
Devices	iMac®, Mac mini® (*), Mac Pro®, MacBook Pro®, MacBook Air® (*). All models released since 2011 are supported. (*) MacBook Air® and Mac® Mini configurations require at least an Intel HD 5000 / Iris graphics adaptor.