

# Computer guidelines for IPS CaseDesigner® 2.3

## Windows® 64-bit (Windows® 10)

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	<p>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 <a href="http://realtech-vr.com/admin/glview">http://realtech-vr.com/admin/glview</a>.</p> <p>4 GB or more is recommended for 4K displays.</p> <p>When using low-end GPUs, consider selecting planning mode for 3D lighting in the visualization setting if you experience issues.</p>
Monitor	The screen resolution is 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.