

## pCon.planner 8.13 System Requirements

Depending on the specific use-case pCon.planner has certain hardware requirements. You can use the free Standard Edition to test whether pCon.planner runs well on your computer for your needs.

### Recommended setup

|                    |   |
|--------------------|---|
| Processor          | Intel/AMD x64 Processor <sup>1</sup> , >= 4 Cores, > 3 GHz, AVX2 support  |
| System Memory      | >= 16 GB  |
| Operating System   | Windows 11 (64-bit) <sup>2</sup>  |
| Disc Space         | 5 GB <sup>3</sup>   |
| Graphics Board     | Current model from NVIDIA or AMD<br>4 GB RAM (8 GB and more for very large/detailed drawings)<br>OpenGL 4.5 support<br>Special CAD cards usually do not offer any advantages. |
| Display Resolution | Full HD (1920 x 1080) or more   |

### Minimum requirements

|                    |  |
|--------------------|--|
| Processor          | Intel/AMD x64 Processor <sup>1</sup> , >= 2 Cores, > 2 GHz, AVX2 support   |
| System Memory      | 8 GB   |
| Operating System   | Windows 11 (64-bit) <sup>2</sup>   |
| Disc Space         | 5 GB <sup>3</sup>  |
| Graphics Board     | Model from NVIDIA or AMD (< 4 years old)<br>1 GB RAM<br>OpenGL 3.3 support |
| Display Resolution | 1280 x 1024 pixels   |

<sup>1</sup> No native support for devices with ARM processor architecture (e.g., Microsoft Surface, Surface Pro X)

<sup>2</sup> We only provide product support for native Windows installations, not for virtualized systems – especially not for problems in the area of 3D graphics and licensing.

<sup>3</sup> The required disk space depends of the number of programs and OFML data to be installed. Besides the disk space of the programs or OFML data itself temporary disk space for the installation files is required.

### Required System Libraries<sup>4</sup>

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Microsoft Visual C++ Redistributable for Visual Studio 2019

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Microsoft Edge WebView2 Runtime

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### Required Components

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Microsoft Edge Browser

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Mouse with scroll wheel

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### Internet access

Licensing via pCon.login requires internet access. Usually, pCon.login operates in conjunction with security software without any difficulty. In case of very restrictive security software, it must be ensured that access to \*.easterngraphics.com and \*.pcon-solutions.com (each port 80 and 443, respectively) is enabled. It must be assumed that pCon.planner will communicate with \*.pcon-solutions.com at all times while it is running.

When using a single-user license, one-time access is required for licensing.

### Optional functions with Internet access

If update check is enabled, access to pcon-solutions.com is required.

To call up additional product information, the pCon.planner also needs internet access to various servers, including servers from various manufacturers.

Functions via the integrated browser:

- Using the connection to pCon.catalog, the material library and the 3D Warehouse
- Display of the online help
- Use of the feedback form

The "Share" functionality requires communication with third party service interfaces (DropBox, Microsoft OneDrive/Sharepoint).

The batch rendering function (\pCon.planner\plugins\BatchRendering\bin\BatchRendering.exe) creates a local web server to display its interface. Its creation may have to be allowed separately by policy.

### Local network access

When using the classic license system, access to port 1947 is required. For both single-user and network licenses, this port must be permanently available for communication between pCon.planner PRO and the license driver.

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<sup>4</sup> Will be provided by our installer.

**Notes**

The pCon.planner requires an up-to-date graphics card, not older than four years. Due to better driver support, products from the two major manufacturers NVIDIA and AMD are recommended. Furthermore, please make sure to use the latest graphics card drivers.

The use of integrated graphics solutions is not recommended. The pCon.planner offers a compatibility mode (*Windows Start Menu → pCon Tools → Setup pCon.planner*) to support such hardware systems to a minimum. Due to less capability of this solution a loss of performance and functionality happens in the compatibility mode. Please note that the following features are not available in compatibility mode: display modes *Concept* and *Realistic*, real-time antialiasing, skybox, material live preview and some more.