pCon.planner 8.16 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[1], >= 4 cores, > 3 GHz, AVX2 support
System Memory	>= 16 GB
Operating System	Windows 11 (64-bit)[2]
Disc Space	5 GB[3]
Graphics Board	Current model from NVIDIA or AMD 4 GB RAM (8 GB and more for very large/detailed drawings) OpenGL 4.5 support 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[1], >= 2 Cores, > 2 GHz, AVX2 support
System Memory	8 GB
Operating System	Windows 11 (64-bit) [2]
Disc Space	5 GB[3]
Graphics Board	Model from NVIDIA or AMD (< 4 years old) 1 GB RAM OpenGL 3.3 support
Display Resolution	1280 x 1024 pixels

[1] No native support for devices with ARM processor architecture (e.g., Microsoft Surface, Surface Pro X)
[2] 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.
[3] The required disk space depends on the amount of OFML data to be installed. Besides the disk space of the OFML data itself temporary disk space for the installation files is required.

Required System Libraries[4]
Microsoft Visual C++ Redistributable for Visual Studio 2019
Microsoft Edge WebView2 Runtime

Required Components
Default browser registered for opening URLs
Mouse with scroll wheel

Internet access

Login and licensing via pCon.login require 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

Use of the AI features requires access to openrouter.ai.
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).

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.

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.

[4] 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.