

Revit specs 2022

Revit 2022 Minimum: Entry-Level Configuration	
Operating System *	64-bit Microsoft® Windows® 10. See Autodesk's Product Support Lifecycle for support information.
CPU Type	Intel® i-Series, Xeon®, or AMD® equivalent (e.g. AMD® Ryzen, Ryzen Threadripper PRO). 2.5 GHz or Higher. Highest CPU GHz recommended. Autodesk® Revit® software products will use multiple cores for many tasks.
Memory	8 GB RAM Usually sufficient for a typical editing session for a single model up to approximately 100 MB on disk. This estimate is based on internal testing and customer reports. Individual models will vary in their use of computer resources and performance characteristics. Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Video Display Resolutions	Minimum: 1280 x 1024 with true color Maximum: UltraHigh (4k) Definition Monitor
Video Adapter	Basic Graphics: Display adapter capable of 24-bit color Advanced Graphics: DirectX® 11 capable graphics card with Shader Model 5 and a minimum of 4GB of video memory
Disk Space	30 GB free disk space.

Revit® 2022**Value: Balanced price and performance**

Operating System ¹	64-bit Microsoft® Windows® 10. See Autodesk's Product Support Lifecycle for support information.
CPU Type	Intel® i-Series, Xeon®, or AMD® equivalent. (e.g. AMD® Ryzen, Ryzen Threadripper PRO). 2.5 GHz or Higher. Highest CPU GHz recommended. Autodesk® Revit® software products will use multiple cores for many tasks.
Memory	16 GB RAM Usually sufficient for a typical editing session for a single model up to approximately 300 MB on disk. This estimate is based on internal testing and customer reports. Individual models will vary in their use of computer resources and performance characteristics. Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Video Display Resolutions	Minimum: 1680 x 1050 with true color Maximum: Ultra-High (4k) Definition Monitor
Video Adapter	DirectX 11 capable graphics card with Shader Model 5 and a minimum of 4GB of video memory.
Disk Space	30 GB free disk space.

Revit® 2022**Performance: Large, complex models**

Operating System *	64-bit Microsoft® Windows® 10. See Autodesk's Product Support Lifecycle for support information.
CPU Type	Intel® i-Series, Xeon®, or AMD® equivalent. (e.g. AMD® Ryzen, Ryzen Threadripper PRO). 2.5 GHz or Higher. Highest CPU GHz recommended. Autodesk® Revit® software products will use multiple cores for many tasks.
Memory	32 GB RAM Usually sufficient for a typical editing session for a single model up to approximately 700 MB on disk. This estimate is based on internal testing and customer reports. Individual models will vary in their use of computer resources and performance characteristics. Models created in previous versions of Revit software products may require more available memory for the one-time upgrade process.
Video Display Resolutions	Minimum: 1920 x 1200 with true color Maximum: Ultra-High (4k) Definition Monitor
Video Adapter	DirectX 11 capable graphics card with Shader Model 5 and a minimum of 4GB of video memory
Disk Space	<ul style="list-style-type: none">• 30 GB free disk space• 10,000+ RPM HardDrive (for Point Cloud interactions) or Solid State Drive

Enscape 2022

System Requirements

Enscape performs its renders using your graphics card (GPU), but the GPU has to have dedicated VRAM, and not shared VRAM as found with Intel Integrated Graphics chips. If your systems CPU and RAM are capable of handling [Revit](#), for instance, and you have a capable GPU, Enscape should work. A good CPU can speed up Enscape's loading times. The system requirements to run Enscape, as well as the [Standalone Executable files](#) that can be exported from Enscape, are identical.

It is also recommended that your internet connection is fast and stable, and that you should use a direct cable connection and avoid using a Wi-fi connection where possible, as this can slow down the Asset Library loading times.

Note: real-time rendering performance can be affected by the project size, and therefore the following table provides the minimum GPU specifications that we recommend where large CAD projects are regularly being worked on. Where VR is listed, the GPU's clock speed (processor) has more relevance than the amount of VRAM, although you should always try to use a GPU with as much VRAM as possible.

Operating System	Windows 10 or higher On Intel Macs only, Windows installed via Bootcamp	Windows 10 or higher On Intel Macs only, Windows installed via Bootcamp	Windows 10 or higher On Intel Macs only, Windows installed via Bootcamp
Graphics Card	NVIDIA or AMD dedicated GPU with 4GB VRAM that supports Vulkan 1.1 NVIDIA GeForce GTX 900 series / Quadro M series and newer AMD Radeon RX 400 series / equivalent Radeon Pro series and newer The latest available drivers or at least our recommended drivers	NVIDIA GeForce RTX 2070 / Quadro RTX 4000 or AMD equivalent (eg. Radeon RX 5700 XT) The latest available drivers or at least our recommended drivers	NVIDIA GeForce RTX 3070 / Quadro RTX 5000 or an AMD equivalent GPU (eg. Radeon RX 6700 XT) The latest available drivers or at least our recommended drivers
VRAM	4GB VRAM	6GB VRAM	8GB VRAM
VR Headsets			Windows Mixed Reality Devices HTC Vive and HTC Vive Pro Oculus Rift and Rift S

			Refer to the hardware requirements in our Virtual Reality Headset guide
Additional Required Software	<p>The Enscape installer will check for the presence of additional software required to run Enscape. If that software is not present the installer will prompt you to download and install whatever is missing from your system. For deploying Enscape via Command Line, here's a list of that required software:</p> <ul style="list-style-type: none"> • .NET Framework 4.5.2 or higher (already installed for Windows 10) • Visual C++ 2015-2019 Redistributable • Vulkan Runtime 		
Unsupported Hardware	<p>Radeon 6000 mobile GPU's Intel Integrated Graphics onboard GPU's SLI Note: you may still experience a performance boost by using SLI AFR mode, which is a setting that can be selected in your NVIDIA driver properties. In cases where you have multiple GPU's, Enscape will only utilize one of those GPU's. Only docking stations that support accelerated graphics will work with Enscape.</p>		
Known Issues:	<p>If using Revit, there are known conflicts with two other Revit plugins: Colorizer and Techviz. To avoid incompatibilities, please uninstall them before using Enscape.</p> <p>DLSS is not supported on the NVIDIA GTX 1660 product line and although the GTX 1660 cards can run RTX features, you will likely experience many performance issues. In this scenario we highly recommend disabling RTX for these GPU's.</p>		

Recommended Graphics Drivers 2022

Enscape should work if your GPU is capable of running the minimum recommended drivers listed below. Although we always advise that you should be running **the latest available drivers** for your GPU, sometimes the latest available GPU drivers can cause unforeseen issues and in such a case we strongly advise that you roll back to the drivers listed here:

NVIDIA

- Official link for downloading NVIDIA drivers: <https://www.nvidia.com/Download/index.aspx>
- If you don't want to miss an update for your NVIDIA graphics card, we recommend installing the [NVIDIA GeForce Experience](#); this way you will always be up to date.

Enscape v3.2:

- Quadro: R470 U6 (472.47) – <https://www.nvidia.com/Download/driverResults.aspx/183584/en-us>
- GeForce: 472.47 – <https://www.nvidia.com/Download/driverResults.aspx/183577/en-us>

Enscape v3.1:

- Quadro: R470 U1 (471.11) – <https://www.nvidia.com/Download/driverResults.aspx/176854/en-us>
- GeForce: 471.11 – <https://www.nvidia.com/Download/driverResults.aspx/176524/en-us>

Enscape v3.0:

- Quadro: R460 U3 (461.40) – <https://www.nvidia.com/Download/driverResults.aspx/170131/en-us>
- GeForce: 461.40 – <https://www.nvidia.com/Download/driverResults.aspx/170801/en-us>

AMD

- Official link for downloading AMD drivers: <https://support.amd.com/en-us>
- If you don't want to miss an update for your AMD graphics card, we recommend installing the [AMD Driver Autodetect](#), this way you will always be up to date.

Enscape v3.2:

- Professional (RadeonPro/FirePro): 21.Q3 – <https://www.amd.com/en/support/professional-graphics/radeon-pro/radeon-pro-wx-x100-series/radeon-pro-wx-7100>
- Gaming: Adrenalin 21.10.3 Optional – <https://www.amd.com/en/support/graphics/amd-radeon-5700-series/amd-radeon-rx-5700-series/amd-radeon-rx-5700-xt>

Enscape v3.1:

- Professional (RadeonPro/FirePro): 21.Q2 – <https://www.amd.com/en/support/professional-graphics/radeon-pro/radeon-pro-wx-x100-series/radeon-pro-wx-7100>
- Gaming: Adrenalin 21.6.2 Optional – <https://www.amd.com/en/support/graphics/radeon-rx-vega-series/radeon-rx-vega-series/radeon-rx-vega-64>

Enscape v3.0:

- Professional (RadeonPro/FirePro): 20.Q4.1 – <https://www.amd.com/en/support/professional-graphics/radeon-pro/radeon-pro-wx-x100-series/radeon-pro-wx-7100>
- Gaming: Adrenalin 2020 Edition 20.10.1 Optional – <https://www.amd.com/en/support/graphics/radeon-rx-vega-series/radeon-rx-vega-series/radeon-rx-vega-64>