

Minimum requirements:

- Operating System: Microsoft Windows **8, 10, 11**
- Processor - CPU: **>3.0 GHz** dual-core
- RAM - RAM: at least **8 GB**
- **OpenGL 4.6** API hardware support

Hardware support for shaders can come from a discrete graphics card or from the integrated graphics core in the CPU. All new discrete graphics cards support the required shader type and the list below is provided as a reference. Up-to-date information on OpenGL shader versions can be found on manufacturer's web site.

Graphics cards that support **OpenGL 4.6**:



TITAN Series: NVIDIA TITAN RTX, NVIDIA TITAN V, NVIDIA TITAN Xp, NVIDIA TITAN X (Pascal), GeForce GTX TITAN, GeForce GTX TITAN Black, GeForce GTX TITAN Z

GeForce RTX Series: GeForce RTX 3080 Ti, GeForce RTX 3080, GeForce RTX 3070, GeForce RTX 3060, GeForce RTX 2080 Ti, GeForce RTX 2080, GeForce RTX 2070, GeForce RTX 2060

GeForce GTX Series: GeForce GTX 1660 Ti, GeForce GTX 1660, GeForce GTX 1650, GeForce MX250, GeForce MX230, GeForce GTX 1080 Ti, GeForce GTX 1080, GeForce GTX 1070 Ti, GeForce GTX 1070, GeForce GTX 1060, GeForce GTX 1050 Ti, GeForce GTX 1050, GeForce GT 1030, GeForce MX150, GeForce GTX 980 Ti, GeForce GTX 980, GeForce GTX 980M, GeForce GTX 970, GeForce GTX 970M, GeForce GTX 965M, GeForce GTX 960, GeForce GTX 950, GeForce GTX 960M, GeForce GTX 950M, GeForce 930MX, GeForce 920MX, GeForce 940M, GeForce 930M, GeForce GTX 860M, GeForce GTX 850M, GTX 780 Ti, GeForce GTX 780

Quadro Series: Quadro RTX 8000, Quadro RTX 6000, Quadro RTX 5000, Quadro RTX 4000, Quadro RTX 3000, Quadro T2000, Quadro T1000, Quadro GV100, Quadro GP100, Quadro P6000, Quadro P5200, Quadro P5000, Quadro P4200, Quadro P4000, Quadro P3200, Quadro P3000, Quadro P2200, Quadro P2000, Quadro P1000, Quadro P620, Quadro P600, Quadro P520, Quadro P500, Quadro M6000 24GB, Quadro M6000, Quadro M5500, Quadro M5000, Quadro M5000M, Quadro M4000, Quadro M4000M, Quadro M3000M, Quadro M2200, Quadro M2000, Quadro M2000M, Quadro M1000M, Quadro M1200, Quadro K2200M, Quadro K6000, Quadro K5200, Quadro K5000, Quadro K4000, Quadro K4200



Серия Arc: all models



Arctic Islands (RX 500) Series: all models

Radeon RX Vega Series: all models

Radeon VII Series: all models

Radeon RX 5000 Series: all models

List of embedded graphics cores with **OpenGL 4.6** support:



UHD Graphics for 12th Gen Intel® Processors, Iris® Xe Graphics, UHD Graphics 770, UHD Graphics 750, UHD Graphics 730, Iris® Plus Graphics, UHD Graphics 610/620/630/P630, HD Graphics 610/615/620/630, Iris® Plus Graphics 640/650/655, Iris® Plus Graphics 550/580



All processors with Vega video core, Navi 1, Navi 2