System Requirements

Overview

Please make sure that your system fulfills the following requirements before installing V-Ray. Check the Nuke system requirements on The Foundry website for additional information.

Windows

Note that V-Ray is only supported for 64-bit operating systems and 64-bit versions of Nuke.

Processor	1st Gen Intel® Core™* or compatible processor with SSE4.2 support (x64)
RAM	4 GB RAM and 4 GB swap minimum – recommended 8 GB or more RAM, 8 GB or more swap file
USB Port	Required for hardware lock, preferably USB 2.0
TCP/IP	Only IPv4 is supported. IPv6 is currently not supported
GPU Support	Maxwell-, Pascal-, Turing-, Volta- or Ampere-based NVIDIA card(s) with latest recommended video driver The minimum required compute capability is 5.2[**].

* Windows 11 is required for running Intel Alder Lake processors.

** CUDA compute capability and card reference

The following table shows the versions of The Foundry Nuke and operating systems on which V-Ray is supported.

Version of Nuke	Supported Operating System
Nuke 12 64-bit	Windows ® 10, Windows ® 11
Nuke 12.1 64-bit	Windows ® 10, Windows ® 11
Nuke 12.2 64-bit	Windows ® 10, Windows ® 11
Nuke 13 64-bit	Windows ® 10, Windows ® 11

Linux

Processor	1st Gen Intel® Core™ or compatible processor with SSE4.2 support (x64)
RAM	4 GB RAM and 4 GB swap minimum – recommended 8 GB or more RAM, 8 GB or more swap file
USB Port	Required for hardware lock, preferably USB 2.0
TCP/IP	Only IPv4 is supported. IPv6 is currently not supported
GPU Support	Maxwell-, Pascal-, Turing-, Volta- or Ampere-based NVIDIA card(s) with latest recommended video driver The minimum required compute capability is 5.2[*] .

* CUDA compute capability and card reference

The following table shows the versions of The Foundry Nuke and operating systems on which V-Ray is supported.

Version of Nuke	Supported Operating System
Nuke 12 64-bit	CentOS 7.4, 7.5, and 7.6 (64-bit)
Nuke 12.1 64-bit	CentOS 7.4, 7.5, and 7.6 (64-bit)
Nuke 12.2 64-bit	CentOS 7.4, 7.5, and 7.6 (64-bit)
Nuke 13 64-bit	CentOS 7.4, 7.5, and 7.6 (64-bit)