

NVIDIA Omniverse - System Requirements

Hardware and Operating System Requirements

<https://www.nvidia.com/en-us/omniverse/> (scroll to the bottom)

Note: Omniverse will not launch with incompatible graphics cards.

The screenshot shows the NVIDIA Omniverse website. At the top, there's a navigation bar with 'OMNIVERSE' and links for 'APPS', 'FOR DEVELOPERS', and 'SUPPORT'. A green button says 'DOWNLOAD OPEN BETA'. Below this, a section titled 'NVIDIA Omniverse' provides instructions: 'Download the Omniverse application and run the installation. Once installed, open the Omniverse application launcher. Click Install, then Launch.' A large green 'DOWNLOAD NOW' button is centered. Below this is the 'SYSTEM REQUIREMENTS' section, which includes a table of minimum specifications and a note about RTX-powered machines.

Element	Minimum Specifications
OS Supported	Windows 10 64-bit
CPU	Intel i7, AMD Ryzen
CPU Cores	4 or higher
RAM	16 GB or higher
Storage	500 GB or higher
GPU	Any RTX GPU
VRAM	6 GB or higher
Min. Video Driver Version	455.28 (Linux), 456.71 (Windows)

Note: Omniverse is built to run on any RTX-powered machine. For ideal performance, we recommend using GeForce RTX 2080, Quadro RTX 5000, or higher. For latest drivers, visit [here](#).

Graphic Card Drivers Requirements:

https://docs.omniverse.nvidia.com/app_create/app_create/requirements.html

<https://developer.nvidia.com/omniverse/driver>

Note. Omniverse will not launch with incompatible driver.

OMNIVERSE CREATE REQUIREMENTS			
Element	Minimum Spec	Good	Ideal
OS Supported	Windows 10+ Ubuntu 18.04+ CentOS 7+	Windows 10+ Ubuntu 18.04+ CentOS 7+	Windows 10+ Ubuntu 18.04+ CentOS 7+
CPU	Intel i7 Gen 7+ AMD Ryzen+	Intel i7 Gen 7+ AMD Ryzen+	Intel i7 Gen 7+ AMD Ryzen+
CPU Cores	4	6	16
RAM	16GB	32GB	64+GB
Storage Space (Available)	500GB SSD	500GB SSD	1TB+ M2 SSD
GPU	GeForce RTX 2070	Quadro RTX 6000	2x+ Quadro RTX 8000 (multi-gpu)
VRAM	8GB	24GB	76GB
Min Video Driver Version	440.66 (Linux) 456.39 (Windows)	440.66 (Linux) 456.71 (Windows)	440.66 (Linux) 456.71 (Windows)

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Reallusion FAQ

<https://kb.reallusion.com/Product/52977/NVIDIA-Omniverse-System-Requirements>