



Lumion 2023 System Requirements

	Minimum Requirements	Recommended Requirements	High-end Requirements
PC Configuration and Capabilities	<p>A PC with this hardware is not recommended, as it would only be able to handle simple projects, such as:</p> <ul style="list-style-type: none">A small park or residential building with Lumion models and textures. <p>Please note that this configuration will not be capable of smoothly handling Lumion's high-end features. We recommend upgrading if you find that your computer is close to these minimum requirements.</p>	<p>A PC with this hardware can handle complex designs and projects, such as:</p> <ul style="list-style-type: none">A small park or part of a city made with OpenStreetMap or other simple models.A large home with detailed interiors made up of several models and HD textures.A single residential or commercial model with a single section of the landscape using some high-end models, such as the fine-detail trees.	<p>A PC with this hardware can handle ultra-complex designs and projects with several high-end features, such as:</p> <ul style="list-style-type: none">A detailed city, airport or stadium.A detailed multi-floor building with interiors made up of many models and HD textures.A detailed landscape made with high-end Lumion features, such as high-detail trees and 3D Grass.
Internet connection	The PC running Lumion must be connected to the internet	The PC running Lumion must be connected to the internet	The PC running Lumion must be connected to the internet
Graphics card	GPU scoring a G3DMark of 9,000 or higher with up-to-date drivers. (Such as the Nvidia GeForce RTX 3060, Quadro RTX 4000, AMD Radeon RX 5700 or better)	A GPU scoring a G3DMark of 16,000 or higher with up-to-date drivers. (Such as the NVIDIA GeForce RTX 3080, NVIDIA Quadro RTX 5000, AMD Radeon RX 6700XT or better).	A GPU scoring a G3DMark of 22,000 or higher with up-to-date drivers. (Such as the NVIDIA GeForce RTX 3090, NVIDIA RTX A6000, AMD Radeon RX 6800 or better).
Graphics card memory	6 GB or more	10 GB or more	16 GB or more
Operating system	Up-to-date Windows 10 64-bit or newer	Up-to-date Windows 10 64-bit or newer	Up-to-date Windows 10 64bit or newer
CPU (processor)	Intel/AMD processor scoring a single thread CPUMark of 2200 or higher. (Such as the AMD Ryzen 5 1600X, Intel Core i7-4790S or better)	Intel/AMD Processor scoring a single thread CPUMark of 2,600 or higher. (Such as the AMD Ryzen 5 3600, Intel Core i5-8600 or better)	Intel/AMD Processor scoring a single thread CPUMark of 3,000 or higher. (Such as AMD Ryzen 5 5500, Intel Core i7-11700K or better)
Screen resolution	1920 x 1080 pixels	1920 x 1080 pixels	Minimum 1920 x 1080 pixels
System memory (RAM)	16 GB or more	32 GB or more	64 GB or more
Hard drive	SATA SSD or HDD	SATA3 SSD or NVME m.2 storage	SATA3 SSD or NVME m.2 Hard Drive
Hard drive space	Minimum 75 GB of free disk space in the drives where the Windows User Account and Documents folder are located in.	Minimum 75 GB of free disk space in the drives where the Windows User Account and Documents folder are located in.	Minimum 75 GB of free disk space in the drives where the Windows User Account and Documents folder are located in.
Power supply	Minimum 80+ gold-rated with sufficient wattage. As per https://support.lumion.com/hc/en-us/articles/360003476773-Which-power-supply-do-you-need-	Minimum 80+ gold-rated with sufficient wattage. As per https://support.lumion.com/hc/en-us/articles/360003476773-Which-power-supply-do-you-need-	Minimum 80+ gold-rated with sufficient wattage. As per https://support.lumion.com/hc/en-us/articles/360003476773-Which-power-supply-do-you-need-
New PC purchase considerations	If you are considering the purchase of a new PC, we do not recommend using these minimum requirements.	If you are considering the purchase of a new PC for Lumion, we recommend that it has at least the hardware listed above.	