

System Requirements for Surpac 2023

	Minimum Specification	Recommended Specification
Operating system	<ul style="list-style-type: none"> • Microsoft® Windows® 10 64-bit versions 20H2, 21H1, and 21H2. • Microsoft® Windows® 11 64-bit versions 21H2. 	
Office suite¹	Microsoft® Office 2016 32-bit	<ul style="list-style-type: none"> • Microsoft® Office 2016 64-bit • Microsoft® Office 2019 64-bit • Microsoft® Office 365
Memory²	8 GB	16 GB+
Processor³	i5 2.3 GHz quad-core 64-bit Microprocessor	i7/Xeon 2.66 GHz+ quad core 64-bit Microprocessor
Disk drives	7200 RPM SATA II	7200 RPM SATA III or SAS 10,000 RPM (for data) + SSD (for Windows and applications)
Graphics adapter	Nvidia GeForce® GTX series or similar card	Nvidia Quadro® 2000, 4000, 6000 series or similar DirectX 11 or OpenGL 2.0 compatible card
Screen resolution	1920 x 1080 LED	1920 x 1080 LED

Notes:

These system requirements refer to only the current version of GEOVIA Surpac™ and may vary for earlier versions.

¹Microsoft® Office is required only if you use a Microsoft Access database with Surpac 2023. For best performance, use Microsoft® Office 64-bit.

²Additional memory will improve performance with large file sets. For example, a 20 GB block model will require at least 24 GB to be loaded fully into memory, but will perform better with 32 GB.

³ Surpac 2021 and later versions require the processor to support the Advanced Vector Extensions (AVX) instruction set. To check if your processor supports AVX, refer to the Intel Processor Diagnostic Tool.