

# KPS designstudio

## System Requirements in the year 2023

The system requirements listed in this document are based on the KPS designstudio V7 program version. We also recommend that you consider these requirements when purchasing new hardware for previous versions of KPS designstudio.

### **Minimum requirement**

For occasional users. A stable and secure operation of the planning program is possible when your system meets the minimum requirements in all respects. Certain waiting times are possible during CPU-intensive processes.

### **Recommended configuration**

For standard users. A fast and convenient operation is possible when your system complies with the recommendations. The focus is on a reasonable cost-performance ratio for the average user.

### **Premium configuration**

For demanding professionals in the high-end sector. Your system will meet the highest performance requirements if it has the premium configuration in all respects. It is possible to open several designs simultaneously or present them in several windows simultaneously and in the highest graphic quality without noticeable delays, even with large and complex designs.

## Workstation

	Minimum	Recommended	Premium
<b>Processor</b>	Intel Core i5 (3rd generation) or equivalent	Intel Core i7 (7th generation) or equivalent	Intel Core i9 (9th generation) or equivalent
<b>Memory</b>	8 GB	16 GB	32 GB
<b>Local data carrier</b>	30 GB HDD	500 GB SSD	1 TB SSD
<b>Operating system</b>	Microsoft Windows 10 64-Bit <sup>1</sup> Microsoft Windows 11 <sup>2</sup> German, English, French, Italian, Spanish. Version is within the Windows lifecycle <sup>3</sup>		
<b>Screen resolution</b>	1280 x 1024 at 48.3 cm (19")	1920 x 1080 at 68.6 cm (27")	
<b>Graphics card <sup>4</sup></b>	NVIDIA GTX 2 GB <sup>5</sup> or equivalent e.g. NVIDIA GTX 1050 2 GB	NVIDIA GTX 4 GB or equivalent e.g. NVIDIA GTX 1070 4 GB	NVIDIA RTX 8 GB or equivalent e.g. NVIDIA RTX 2070 8 GB
	<ul style="list-style-type: none"> <li>• latest driver is installed</li> <li>• has dedicated memory</li> <li>• supports Microsoft DirectX 11</li> <li>• physically independent graphics card <sup>6</sup></li> </ul>		

<sup>1</sup> all except 10S and 10 mobile

<sup>2</sup> all except 11S and 11 mobile

<sup>3</sup> For detailed information regarding the Windows lifecycle, click here:

<https://support.microsoft.com/en-gb/help/13853/windows-lifecycle-fact-sheet>

<sup>4</sup> Graphics cards with a "NVIDIA T550 Laptop GPU" chip are not supported.

<sup>5</sup> A minimum of 4 GB of dedicated memory is required for multiple presentation windows or open rooms and a screen resolution higher than 1920 x 1080.

<sup>6</sup> No pure onboard chipset. Systems with onboard and dedicated graphics cards must ensure that the dedicated graphics card is activated in the BIOS.

## Server <sup>7</sup>

	Minimum	Recommended	Premium
<b>Operating system application server</b>	Microsoft Windows Server 2016 64-Bit	Microsoft Windows Server 2019 64-Bit	
<b>Operating system File Server <sup>8 9</sup></b>	Microsoft Windows Server 2012 R2 64 bit (from Update 1, all except "Foundation")	Microsoft Windows Server 2016 64-Bit	Microsoft Windows Server 2019 64-Bit

## Additional prerequisites for optional components

	Minimum	Recommended	Premium
<b>Network installation, all network components</b>	100 MBit/s LAN	1000 MBit/s LAN	1000 MBit/s LAN
<b>Virtualized operating systems <sup>10</sup></b>	VMware 5.1		
<b>Apple Macintosh hardware</b>	Intel based Macintosh system <ul style="list-style-type: none"> <li>• Mac OS X Version 10.14 or higher</li> <li>• Boot Camp 6.1 or higher</li> <li>• Microsoft Windows 10 64-Bit <sup>11</sup> started via Boot Camp</li> </ul>		

<sup>7</sup> For all versions of Microsoft Windows Server: with Desktop Experience, all except "Nano-Server".

<sup>8</sup> The use of NAS systems as file servers is not recommended. Please refer to the notes in the section "Not released or not recommended system components".

<sup>9</sup> For information regarding Microsoft Windows Server system requirements, click here:

<https://docs.microsoft.com/en-gb/windows-server/get-started-19/sys-reqs-19>

<sup>10</sup> Please note the system requirements "KPS designstudio with Windows Terminal Server environment (native and virtualized)".

<sup>11</sup> except Windows 10S and Windows 10 mobile, provided the version is within the Windows lifecycle. For detailed information regarding the Windows lifecycle, click here:

<https://support.microsoft.com/en-gb/help/13853/windows-lifecycle-fact-sheet>

## Important information for all configurations



Using a workstation as a server at the same time is not recommended.

### Windows display for text

(Workstation) If you select a higher scaling level (e.g. 150%) for text in the Windows display, it can happen that some screen elements appear shifted in the application or can no longer be optimally operated.

### Dongle

KPS designstudio is licensed via a dongle. When replacing a parallel dongle with a USB dongle, a handling fee of € 65.00 plus VAT, packaging and shipping will be charged.

### Other devices

An active Internet connection (at least 2 MB broadband) is required for initial installation, updates and system registration.

## Unapproved or non-recommended system components

Individual system components have not been approved for use or are not recommended for use because their use in combination with KPS designstudio cannot guarantee trouble-free operation.

### NAS systems

The use of NAS systems as file servers is not recommended. Trouble-free operation cannot be guaranteed. SHD does not provide support for NAS systems.

### LINUX server

The use of LINUX servers in all available variants is not approved either as an application server or as a file server.

### Virus protection

The use of Kaspersky Anti-virus software is not approved.

### Network

The use of our products via WLAN is not approved.

### Apple Macintosh hardware

Other Apple Macintosh hardware or virtualization software (Parallels, VMware, ...), except the configuration specified in the minimum requirements, is not approved for KPS designstudio.