



# HARDWARE-SOFTWARE REQUIREMENTS

Release Note

3DXpert 22.2



## Table of Contents

Hardware Requirements .....	1
Memory (RAM) / Processor & Graphics Card.....	1
3 Button Mouse .....	1
Software Requirements.....	2



## Hardware Requirements

The hardware requirements for 3DXpert are as follows:

### Memory (RAM) / Processor & Graphics Card

	Memory (RAM) / Processor *	Graphics Card **
<b>3DXpert:</b>		
<b>Minimum:</b>	16 GB RAM, 4 cores i7 CPU (Gen 9 & above)	4 GB
<b>Recommended:</b>	64 GB RAM, 8 cores & above, i9 CPU (Base clock - 2.7 GHz & above)	8 GB
<b>High End:</b>	256 GB RAM, 12 cores & above, i9 CPU (Base clock - 2.7 GHz & above)	24 GB
<b>OffLoad Calculation Seat (Superbox):</b>		
<b>Recommended:</b>	256 GB RAM, 2 x 8 cores i9 CPU	8 GB (P4000)
<b>High End:</b>	512 GB RAM, 2 x 12 cores i9 CPU	24 GB (P6000)
<b>OffLoad Calculation Seat (Superbox) for Build Simulation:</b>		
<b>Recommended:</b>	256 GB RAM, 2 x 8 cores i9 CPU	24 GB (P6000)
<b>High End:</b>	512 GB RAM, 2 x 12 cores i9 CPU	48 GB (RTX8000)

\* To gain better I/O performance, it is recommended using a solid state hard Drive (SSD). Windows and 3DXpert should be installed on the SSD. The file management should be configured on a different hard drive, local or network based.

\*\* Quadro cards from Nvidia and FirePro/Radeon Pro cards from AMD are the most recommended cards for CAD/CAM software. The performance of graphics cards is tightly related to driver version and memory size. The newer the driver and the greater the memory, the better the graphics card performance.

The graphics card must support OpenGL 3.3.

For recommended graphics cards see the following website:

<https://3DXpertGraphics.3dsystems.com>

### 3 Button Mouse

## Software Requirements

The software requirements for this product are detailed below.

### Recommended:

- Windows Server 2012 R2, 2016, 2019 or 2022
- Windows 10 or 11, Professional.

### Not Supported:

- Windows 7, 8, 8.1 and Windows Server 2008 are no longer supported, however, the system will still run on them.
  - Windows versions older than Windows 7 are not supported.
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- .NET Framework 4.8 is an installation prerequisite. If this is not installed, it is automatically installed during the 3DXpert installation process.