

Hardware and Software Systems Requirements

Operating Systems	Windows 10 64-bit Editions: Windows 10, Pro and Enterprise Windows 8.1 32-bit and 64-bit Editions: Windows 8.1, Pro and Enterprise ⁽¹⁾ Windows 7 32-bit and 64-bit Editions: Ultimate, Enterprise and Professional ⁽²⁾
Base Application	Creo Elements/Direct Modeling V20 and V19
CPU	Intel Pentium (III, 4, M, D) Intel Xeon Intel Celeron Intel Core AMD Athlon AMD Opteron Note: Support for single and multi-core CPUs.
Video Display	Minimum: 1024x768 Note: Dual monitor support available
System Memory (RAM)	Minimum: 1GB Recommended: 2GB or more Simulations for complex dies: 64-bit processor with 6GB or more
Optical Drive	DVD
Hard Disk Space	During DVD Installation: 3GB Minimum: 2GB
License Server	At least one License Server is required locally or within a network to host and maintain licenses
Virtual Machines	ExtrusionPower is not tested or certified yet on virtual machines, such as Microsoft VirtualPC or VMware products.

- (1) Windows 8.1 Update 1
(2) Windows 7 Service Pack 1 (SP1)

ExtrusionPower products are tested on the latest operating system service pack available at the time of release. Because system requirements define a minimum operating system service pack, a newer Microsoft service pack should not affect ExtrusionPower products.

However, we cannot guarantee the correct functioning of ExtrusionPower products on newer operating system service packs. If ExtrusionPower products are incompatible with the newest service pack, we will attempt to remove the incompatibilities in the next service pack or major release of its products.

Input Devices

SpaceMouse Pro	3.17.8/ 10.0.22/ 10.1.0/10.2.9/ 10.4.7
SpaceNavigator	10.1.0/10.2.9/ 10.4.7
SpaceNavigator for Notebooks	10.1.0/10.2.9/ 10.4.7

3Dconnexion input devices are supported on Windows 8 32-bit and 64-bit Editions, Windows 7 32-bit and 64-bit Editions and Windows 10 64-bit operating systems. Please refer to <http://www.3dconnexion.com/service/drivers.html> for specific driver information.

Creo Elements/Direct® is a registered trademark of PTC Corporation.
Microsoft, Windows® and Windows Server® are registered trademarks of Microsoft Corporation.
Intel® Pentium®, Intel® Xeon®, Intel® Celeron®, and Intel® Core™ are registered trademarks of Intel Corporation. AMD Athlon™ and AMD Opteron™ are registered trademarks of Advanced Micro Devices, Inc.
VMware is a registered trademarks or trademark of VMware, Inc. in the United States and/or other jurisdictions.