

| Suite | Manufacturing & Supply Chain Suite | | |
|---|---|-----------------|---------------|
| V12.1 Platform Specifications that are supported | Aspen Multivariate Statistical Analysis | | |
| | Unscrambler | Unscrambler HSI | Process Pulse |
| Operating Systems (64-bit only) | | | |
| Windows 10 Anniversary Enterprise & Professional (64-bit) | ✓ | ✓ | ✓ |
| Windows 8.1 Update 1 Enterprise & Professional (64-bit) | ✓ | ✓ | ✓ |
| Windows Server 2019 | ✓ | ✓ | ✓ |
| Windows Server 2016 | ✓ | ✓ | ✓ |
| Windows Server 2012 R2 | ✓ | ✓ | ✓ |
| Ubuntu Server Edition 20.04 LTS | | | |
| Ubuntu Server Edition 18.04 LTS | | | |
| Ubuntu Server Edition 16.04 LTS | | | |
| Microsoft Office | | | |
| Office 365 (Desktop/Click-to-run) (32-bit/64-bit) | | | |
| Office 2019 (64-bit) | | | |
| Office 2019 (32-bit) | | | |
| Office 2016 (64-bit) | | | |
| Office 2016 (32-bit) | | | |
| Office 2013 (32-bit) | | | |
| Database Servers | | | |
| Microsoft SQL Server 2019 (Enterprise/Standard Edition) | | | ✓ |
| Microsoft SQL Server 2019 (Express Edition) | | | ✓ |
| Microsoft SQL Server 2017 (Enterprise/Standard Edition) | | | ✓ |
| Microsoft SQL Server 2017 (Express Edition) | | | ✓ |
| Microsoft SQL Server 2016 (Enterprise/Standard Edition) | | | ✓ |
| Microsoft SQL Server 2016 (Express Edition) | | | ✓ |
| Microsoft SQL Server 2014 (Enterprise/Standard Edition) | | | ✓ |
| Microsoft SQL Server 2014 (Express Edition) | | | ✓ |
| Microsoft SQL Server 2012 (Enterprise/Standard Edition) | | | ✓ |
| Microsoft SQL Server 2012 (Express Edition) | | | ✓ |
| SQL Server 2014 Local DB | | | |
| SQL Server 2016 Local DB | | | |
| SQL Server 2012 -2019 Analysis Services | | | |
| ProgresSQL 13.2 | | | |
| Oracle Database 19.x.x 64-bit | | | |
| Oracle Database 18.x.x 64-bit | | | |
| Oracle Database 12.2 64-bit | | | |
| Database Clients | | | |
| Oracle Client 19.x 32-bit | | | |
| Oracle Client 19.x 64-bit | | | |
| Oracle Client 18.x 32-bit | | | |
| Oracle Client 12.2 64-bit | | | |
| Oracle Client 12.2 32-bit | | | |
| Runtimes | | | |
| NET Framework 4.8 | ✓ | ✓ | ✓ |

| Suite | Manufacturing & Supply Chain Suite | | |
|--|---|-----------------|---------------|
| V12.1 Platform Specifications that are supported | Aspen Multivariate Statistical Analysis | | |
| | Unscrambler | Unscrambler HSI | Process Pulse |
| NET Framework 3.5 | | | |
| NET Core 3.1.x | | | |
| ASP.NET Core 3.1.x | | | |
| 64-bit Oracle Java 11 JRE LTS | | | |
| 64-bit Oracle Java 11 JDK LTS | | | |
| 64-bit Oracle Java 8 JRE LTS | | | |
| 64-bit Oracle Java 8 JDK LTS | | | |
| 32-bit AdoptOpenJDK Java 11 LTS | | | |
| 64-bit AdoptOpenJDK Java 11 LTS | | | |
| 64-bit AdoptOpenJDK Java 8 LTS | | | |
| MSXML 6 | | | |
| Visual Studio 2019 | | | |
| Visual Studio 2017 | | | |
| Visual Studio 2015 | | | |
| Visual Studio 2013 | | | |
| Visual Studio 2010 Tools for Office Runtime | | | |
| Microsoft Visual C++ Redistributable 2019 | | | |
| Microsoft Visual C++ Redistributable 2017 | | | |
| Microsoft Visual C++ Redistributable 2015 | | | |
| Microsoft Visual C++ Redistributable 2013 | | | |
| Virtualization | | | |
| Microsoft App-V 5.1 | | | |
| Microsoft Hyper-V (Server) | ✓ | ✓ | ✓ |
| VMware ESXi Hypervisor Server 6.x (Server) | | | |
| VMWare vSphere Enterprise Plus | | | |
| Microsoft Terminal Services (Desktop) | | | |
| Citrix XenApp 7.18 (Desktop) | ✓ | ✓ | ✓ |
| Web Browsers | | | |
| Internet Explorer 11 | | | ✓ |
| Microsoft Edge ²⁵ | | | ✓ |
| Google Chrome Evergreen Version 75+ | | | ✓ |
| Firefox | | | ✓ |
| Chrome on iOS 13+ for iPad Support | | | |
| Safari on iOS 13+ for iPad Support | | | |
| Security Components/Services | | | |
| Aspen Framework (AFW) 5 | | | |
| Java App (Servers) | | | |
| Apache Tomcat 9.0+ | | | |
| Native Web Servers | | | |
| IIS 10 | | | ✓ |
| IIS 8.5 | | | ✓ |
| Reporting Services | | | |
| Microsoft Report Viewer 2015 | | | |

| Suite | Manufacturing & Supply Chain Suite | | |
|--|---|-----------------|---------------|
| V12.1 Platform Specifications that are supported | Aspen Multivariate Statistical Analysis | | |
| | Unscrambler | Unscrambler HSI | Process Pulse |
| Microsoft SQL Server 2012/2014/2016/2017/2019 Reporting Services | | | |
| Load Balancing | | | |
| F5 Load Balancing | | | |
| Integration Components | | | |
| Aspen Supply Chain Connect | | | |
| Informatica Powercenter 10.4 | | | |
| Cloud Support * | | | |
| Azure VM - Microsoft | | | |
| Amazon VM (AWS) | | | |
| Azure VM - Linux | | | |
| Nutanix XiFrame | | | |
| Virtual Apps Essentials | | | |
| Windows Virtual Desktop (WVD Fall 2019 Release) ²⁷ | ✓ | ✓ | ✓ |
| Deployment Tools | | | |
| SCCM | | | |
| Supported Versions of Fortran | | | |
| FORTRAN 2019 | | | |
| Container Support | | | |
| Docker Engine-Enterprise 19.03.x | | | |
| Docker Compose 1.26.x | | | |
| Desktop Types - Minimum Recommended | | | |
| Type I: Computer & processor: Intel Core-i5 family or faster Memory (RAM): 16 gigabytes (GB) RAM Hard Disk: 120 gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100MB/Sec | ✓ | ✓ | ✓ |
| Type II: Computer & processor: Intel Core-i5 family or faster Memory (RAM): 16 gigabytes (GB) RAM Hard Disk: 250 gigabytes (GB) available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100MB/Sec | | | |
| Server Types - Minimum Recommended | | | |
| Type I: Computer & processor: Intel Core-i7 family or faster for standalone deployment Intel Xeon Gold series, 4 cores or more for multi-user environment Memory (RAM): 16 or above gigabytes (GB) RAM for standalone deployment, 32 or above gigabytes (GB) RAM for multi-user environment Hard Disk: 150 gigabytes (GB) available for standalone deployment, 300 gigabytes (GB) for multi-user environment Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100MB/Sec | | | |
| Type II: Computer & processor: Intel Xeon Gold series type system (4 cores) or faster Memory (RAM): 16 or above gigabytes (GB) RAM Hard Disk: 300 gigabytes (GB) or more available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended) | | | |
| Type III: Computer & processor: Intel Cascade Lake-based Xeon processor with 8 cores or more per processor Memory (RAM): 32 or above gigabytes (GB) RAM Hard Disk: 500 gigabytes (GB) or more available Monitor: Graphics hardware acceleration requires a DirectX10 graphics card and a 1440 x 900 or higher resolution monitor Network: 100MB/Sec (Gigabyte network recommended) | | | |
| Type IV: (IIoT Gateways) Computer & processor: ARM or Intel based CPU or more Memory (RAM): 256Mb or more Hard Disk: 128Mb or more | | | |

| Suite | Manufacturing & Supply Chain Suite | | |
|--|---|-----------------|---------------|
| V12.1 Platform Specifications that are supported | Aspen Multivariate Statistical Analysis | | |
| | Unscrambler | Unscrambler HSI | Process Pulse |
| Type V Windows Server 2019 v1809+ Memory (RAM in GB): Minimum: 16 Recommended: 32 Cores: Minimum: 4, Recommended: 8 Disk space (GB): Minimum: 64, Recommended: 100 Network (MB/s): Minimum: 50, Recommended: 100 | | | |
| Notes <p>* In general, AspenTech aspenONE® software license agreements with customers permit use of the licensed software on Supported Computers at customer Sites. "Supported Computers" include computers with a manufacture, model and operating system for which AspenTech offers a supported version of the software, and that are controlled by the customer. "Sites" are customer facilities or locations specified in the license agreement.</p> <p>AspenTech permits customer use of licensed aspenONE software in the cloud where: (i) the Platform Support specifications published by AspenTech for the relevant version of the software product include cloud support; (ii) only the customer has access to the licensed software hosted by the cloud service provider; and (iii) the user is accessing the software only from a Site specified in the applicable license agreement.</p> <p>Cloud deployment does not change any license restrictions, including the restrictions on which regions can access the software.</p> | Aspen Unscrambler, Aspen Unscrambler HSI and Aspen Process Pulse | | |
| When running software on a virtual machine, the machine should meet the same requirements. | | | |
| AspenTech does not support the in-place upgrade of the Operating System (for example: upgrade Windows 7 to Windows 10) with AspenTech software already installed. Our recommendation is to uninstall Aspen Software before upgrading the OS and reinstall it after the upgrade. | | | |
| Your Aspen SLM Server must be installed and running prior to installing any V12 product. | | | |
| If running standalone, 1280 x 800 is the minimum recommended resolution monitor for servers. | | | |
| For SLM server using Type 1 Desktop configuration, the minimum memory is 4GB with 20GB hard drive. | | | |
| Microsoft Active Directory/Domain Services (Required for aspenONE Web Server) | | | |
| A minimum of 10GB of free space is needed to install/upgrade products. | | | |
| 25 Only the version of MS Edge that uses the Google Chrome engine is supported | | | |