



Software Product Compatibility Reports
Detailed System Requirements

Product
IBM SPSS Statistics 27.0.1.0



Operating Systems

The Operating systems section specifies the operating systems that IBM SPSS Statistics 27.0.1.0 supports, organized by operating system family.

Operating system families



[Windows](#)

Component support















- Full
- Partial
- None

Windows

Summary

Operating system	Operating system minimum	Hardware	Bitness	Product minimum	Components  	Notes?
Windows 10 Education	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	<input checked="" type="radio"/> <input type="radio"/>	No
Windows 10 Enterprise	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	<input checked="" type="radio"/> <input type="radio"/>	No
Windows 10 Home	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	<input checked="" type="radio"/> <input type="radio"/>	No
Windows 10 Pro	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	<input checked="" type="radio"/> <input type="radio"/>	No
Windows Server 2019 Datacenter Edition	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	<input checked="" type="radio"/> <input checked="" type="radio"/>	Yes
Windows Server 2019 Essentials Edition	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	<input checked="" type="radio"/> <input checked="" type="radio"/>	Yes
Windows Server 2019 Standard Edition	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	<input checked="" type="radio"/> <input checked="" type="radio"/>	Yes



Operating system	Operating system minimum	Hardware	Bitness	Product minimum	Components  	Notes?
Windows Server 2012 R2 Datacenter Edition	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	 	Yes
Windows Server 2012 R2 Essentials Edition	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	 	Yes
Windows Server 2012 R2 Standard Edition	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	 	Yes
Windows Server 2016 Datacenter Edition	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	 	Yes
Windows Server 2016 Essentials Edition	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	 	Yes
Windows Server 2016 Standard Edition	Base	x86-64	64-Exploit, 64-Tolerate	27.0.1.0	 	Yes



Windows Notes

1. If Statistics Desktop or Statistics Developer is installed on a supported Windows Server operating system, it must use a Concurrent License.
2. If Statistics Desktop or Statistics Developer is installed on a supported Windows Server operating system, it must use a Concurrent License.



Hardware

IBM SPSS Statistics 27.0.1.0 requires the following hardware organized by operating system family.

Operating System Families

Windows

Windows

Hardware	Components	Requirement	Applicable operating systems
Disk Space	Desktop <ul style="list-style-type: none">IBM SPSS Statistics Client Server <ul style="list-style-type: none">IBM SPSS Statistics Server	4 gigabytes (GB) of available hard-disk space.	<ul style="list-style-type: none">Windows Server 2012 R2 Datacenter Edition x86-64Windows Server 2012 R2 Essentials Edition x86-64Windows Server 2012 R2 Standard Edition x86-64Windows Server 2016 Datacenter Edition x86-64Windows Server 2016 Essentials Edition x86-64Windows Server 2016 Standard Edition x86-64Windows Server 2019 Datacenter Edition x86-64



Hardware	Components	Requirement	Applicable operating systems
			<ul style="list-style-type: none"> ● Windows Server 2019 Essentials Edition x86-64 ● Windows Server 2019 Standard Edition x86-64
Display	<p>Desktop</p> <ul style="list-style-type: none"> ● IBM SPSS Statistics Client <p>Server</p> <ul style="list-style-type: none"> ● IBM SPSS Statistics Server 	1024*768 or higher screen resolution	<ul style="list-style-type: none"> ● Windows Server 2012 R2 Datacenter Edition x86-64 ● Windows Server 2012 R2 Essentials Edition x86-64 ● Windows Server 2012 R2 Standard Edition x86-64 ● Windows Server 2016 Datacenter Edition x86-64 ● Windows Server 2016 Essentials Edition x86-64 ● Windows Server 2016 Standard Edition x86-64 ● Windows Server 2019 Datacenter Edition x86-64 ● Windows Server 2019 Essentials Edition x86-64 ● Windows Server 2019 Standard Edition x86-64
Memory	<p>Desktop</p> <ul style="list-style-type: none"> ● IBM SPSS Statistics Client <p>Server</p>	4 gigabyte(GB) of RAM or more is required, 8 gigabyte(GB) of RAM or more is recommended for 64-bit Client platforms.	<ul style="list-style-type: none"> ● Windows Server 2012 R2 Datacenter Edition x86-64 ● Windows Server 2012 R2



Hardware	Components	Requirement	Applicable operating systems
	<ul style="list-style-type: none"> ● IBM SPSS Statistics Server 		<ul style="list-style-type: none"> Essentials Edition x86-64 ● Windows Server 2012 R2 Standard Edition x86-64 ● Windows Server 2016 Datacenter Edition x86-64 ● Windows Server 2016 Essentials Edition x86-64 ● Windows Server 2016 Standard Edition x86-64 ● Windows Server 2019 Datacenter Edition x86-64 ● Windows Server 2019 Essentials Edition x86-64 ● Windows Server 2019 Standard Edition x86-64
Network: adapters, drivers, protocols	Desktop <ul style="list-style-type: none"> ● IBM SPSS Statistics Client Server <ul style="list-style-type: none"> ● IBM SPSS Statistics Server 	IPv6 is supported and it is not required.	<ul style="list-style-type: none"> ● Windows Server 2012 R2 Datacenter Edition x86-64 ● Windows Server 2012 R2 Essentials Edition x86-64 ● Windows Server 2012 R2 Standard Edition x86-64 ● Windows Server 2016 Datacenter Edition x86-64 ● Windows Server 2016 Essentials Edition x86-64



Hardware	Components	Requirement	Applicable operating systems
			<ul style="list-style-type: none"> ● Windows Server 2016 Standard Edition x86-64 ● Windows Server 2019 Datacenter Edition x86-64 ● Windows Server 2019 Essentials Edition x86-64 ● Windows Server 2019 Standard Edition x86-64
Other Hardware	<p>Desktop</p> <ul style="list-style-type: none"> ● IBM SPSS Statistics Client <p>Server</p> <ul style="list-style-type: none"> ● IBM SPSS Statistics Server 	<p>Minimum free disk space: Linux: 1.5 gigabyte (GB) for installation. Because the installer extracts files before installing, the same amount of temporary disk space is also needed for the installer. If you do not have enough space in /tmp or the installing user's home directory, use the IATEMPDIR environment variable to specify a different temporary location for the extracted installer files. You can remove this folder after installation. Additional free disk space is required to run the program (for temporary files). The amount of space needed for temporary files depends on the number of users, the expected size of the .sav file, and the procedure. You can use the following formula to estimate the space needed: <number of users> * <.sav file size> * <factor for procedures>, where <factor for procedures> can range from 1 to 2.5. For example, for procedures like K-Means Cluster Analysis (QUICK CLUSTER), Classification Tree (TREE), and Two-Step Cluster Analysis (TWOSTEP CLUSTER), the <factor for procedures> is closer to 1 than 2.5. If sorting is involved, it is 2.5. So, if you have four users, the expected .sav file size is 100 MB, and sorting is involved, you should allow 1 GB (4 × 100 MB ÷ 2.5) of storage for temporary files.</p>	<ul style="list-style-type: none"> ● Windows Server 2012 R2 Datacenter Edition x86-64 ● Windows Server 2012 R2 Essentials Edition x86-64 ● Windows Server 2012 R2 Standard Edition x86-64 ● Windows Server 2016 Datacenter Edition x86-64 ● Windows Server 2016 Essentials Edition x86-64 ● Windows Server 2016 Standard Edition x86-64 ● Windows Server 2019 Datacenter Edition x86-64 ● Windows Server 2019 Essentials Edition x86-64 ● Windows Server 2019 Standard Edition x86-64



Hardware	Components	Requirement	Applicable operating systems
Processor	Desktop <ul style="list-style-type: none">• IBM SPSS Statistics Client Server <ul style="list-style-type: none">• IBM SPSS Statistics Server	1.6 GHz or faster	<ul style="list-style-type: none">• Windows Server 2012 R2 Datacenter Edition x86-64• Windows Server 2012 R2 Essentials Edition x86-64• Windows Server 2012 R2 Standard Edition x86-64• Windows Server 2016 Datacenter Edition x86-64• Windows Server 2016 Essentials Edition x86-64• Windows Server 2016 Standard Edition x86-64• Windows Server 2019 Datacenter Edition x86-64• Windows Server 2019 Essentials Edition x86-64• Windows Server 2019 Standard Edition x86-64

Glossary

Bitness

Compatibility of the product with the bit version support that is provided by an operating system. Different parts of a product might run on the same operating system but support different application bitness. For example, one part of the product might run only in 32-bit mode, whereas another might support 64-bit tolerate mode.

31: The product or part of the product runs as a 31-bit application in a 31-bit operating environment.

32: The product or part of the product runs as a 32-bit application in a 32-bit operating environment.

64-tolerate: The product or part of the product runs as a 32-bit application in a 64-bit operating environment.

64-exploit: The product or part of the product runs natively as a 64-bit application in a 64-bit operating environment.

Co-packaged

Additional products that are included in the product package.

Co-installed

Additional products that are included in the product package and installed when the product is installed.

Deployment unit

Deployment Structure identifies pieces of a product that can be independently deployed onto one or more machines in a distributed infrastructure.

- The top level of the deployment structure consists of one or more deployment units. There are four possible deployment units that a product might support: Desktop, Server, Agent or client, Mobile.
- Deployment units may be further divided into deployable **components**

Desktop deployment unit: Part of the deployment structure intended for use by a single user, typically installed on the user desktops. Examples of desktop deployment units include development tools, administrative tools, stand-alone business applications.

Server deployment unit: Part of the deployment structure that can provide services to multiple clients, providing the server in a client-server architecture. Examples of server deployment units include application servers, management servers, database servers and server-based business applications.

Agent or client deployment unit: Part of the deployment structure that allows remote connection between software. Examples of agent or client deployment



units include agents in management system that are installed in the same tier as the managed resources, a remote application, or database clients that are installed with the software accessing the remote services.

Mobile deployment unit: Part of the deployment structure intended for use by a single user, typically installed on a mobile device. An example of a mobile deployment unit is a mobile application.

Hypervisor	A virtual machine in which a product can run on a guest operating system.
Limited operating system support	By default, the supported guest operating systems for a product and a hypervisor are the operating systems that are supported by both the product and the hypervisor. If a product restricts support to a subset of these operating systems, this restriction will be indicated by specifying that there is Limited Operating System Support.
Operating system minimum	The minimum operating system maintenance level that is required to run on the product.
Prerequisite minimum	The minimum maintenance level that is required for the prerequisite to work with the product.
Product minimum	The minimum maintenance level that is required for the product to run on the operating system, on an hypervisor, or work with a prerequisite product or supported software.
Supported software minimum	The minimum maintenance level that is required for the supported software to work with the product.
Long Term Support Release	A Long Term Support Release is a recommended product level for which support, including defect and security updates, will be provided over a specified period of time.
Continuous Delivery Product	A Continuous Delivery Product delivers new function to clients more frequently.
Continuous Delivery Product - Long Term Support Release	A Continuous Delivery Product delivers new function to clients more frequently. Since frequent releases may not be suitable for all client environments, Long Term Support Releases provide a package that will be supported for a longer period of time.



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