

Minimum system requirements

## Windows

- Intel© Core 2 Duo - *details below (1)*
- Windows 7 SP1 or Windows 8.1 (Windows Server 2008 R2 SP1 for 4D Server)
- 4GB minimum RAM, 8GB recommended
- 1280x1024 screen resolution

## macOS

- Intel© Core 2 Duo - *details below (1)*
- macOS Sierra (10.12.6)
- 4GB minimum RAM, 8GB recommended
- 1280x1024 screen resolution

Notes

<b>Certified:</b>	All product functionalities have been through validation tests
<b>Compatible:</b>	Some tests under this environment have not been carried out or failed. Basic functionality is given, some features/behavior may fail or behave wrong. If a problem occurs, an evolution to a called 'Certified' solution is recommended.
<b>Not tested</b>	4D has not performed any tests with this OS. We recommend that you test your application thoroughly before using it for production purposes. Should any problems occur, we advise using a 'Certified' version, or migrating to a v17.x version that is certified for a recent OS version.
<b>Not supported</b>	The product does not work under the designated environment
<input type="checkbox"/>	Does not exist under the designated environment

• (1) Instruction set SSE 4.1 must be available if using 64-bit 4D applications. SSE 4.1 exists in most Intel CPU's starting 2008.

For details see: <https://en.wikipedia.org/wiki/SSE4>

• 4D Windows versions are not compatible with the 'Server Core' option of Windows Server

• 4D Windows versions are certified with PDFCreator 1.7.3 - PDFCreator 2.0 version is not supported

• On Windows 7 and Windows Server 2008 R2 SP1, the usage of the 'PHP EXECUTE' command, requires the installation of Microsoft Visual C++ 2008 SP1 Redistributable Package (x86) (<https://www.microsoft.com/en-US/download/details.aspx?id=5582>), or .NET Framework 3.5.

	4D		4D Server		4D Volume Desktop		4D ODBC driver	
	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit
<b>Windows systems</b>								
Windows 10 (1803) (1)(2)	Certified	Note (3)	Compatible	Certified	Certified	Note (3)	Compatible	Certified
Windows 10 (1709, 1703, 1607, 1511) (1)(2)	Compatible		Compatible	Compatible	Compatible		Compatible	
Windows 8.1 (1)	Certified		Compatible	Certified	Certified		Compatible	Certified
Windows 7 SP1 (1)(2)	Certified		Compatible	Certified	Certified		Compatible	Certified
Windows Server 2016 (1)	Compatible		Compatible	Certified	Certified		Compatible	Certified
Windows Server 2012 R2 (1)	Compatible		Compatible	Certified	Certified		Compatible	Certified
Windows Server 2008 R2 SP1 (1)(2)	Compatible		Compatible	Certified	Certified		Compatible	Compatible
<b>OS X systems</b>								
macOS 10.14	Not Tested	Not Tested	Not Tested	Not Tested				
macOS 10.13.6	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
macOS 10.12.6	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
OS X 10.11.6 (4)	Not supported	Not supported	Not supported	Not supported				

(1) 64-bit 4D version runs only on 64-bit versions of operating systems

(2) For usage of 'PHP EXECUTE' command, it is required the installation of Microsoft Visual C++ 2008 SP1 Redistributable Package (x86) (<https://www.microsoft.com/en-US/download/details.aspx?id=5582>), or .NET Framework 3.5

(3) Final Windows 64-bit versions of 4D Developer and Volume Desktop. Windows are available starting 4D v16 R2 and with 4D v17.

(4) Apple stopped to provide security updates to OS X El Capitan (10.11) since Summer 2018. Therefore, unfixed security issues, using of this system for professional purpose cannot be supported anymore, please update to a newer OS.

**CERTIFICATION MATRIX 4D v16.6 - Plugins**

July, 2019

	4D for OCI		4D Internet Commands		4D ODBC Pro		4D Pack		4D View		4D Write		
	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit	
<b>Windows systems</b>													
Windows 10 (1803) (1)(2)	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified (2)	Certified	Certified (2)
Windows 10 (1709, 1703, 1607, 1511) (1)(2)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Windows 8.1 (1)	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified (2)	Certified	Certified (2)
Windows 7 SP1 (1)(2)	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified (2)	Certified	Certified (2)
Windows Server 2016 (1)	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Certified (2)	Compatible	Certified (2)
Windows Server 2012 R2 (1)	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Certified (2)	Compatible	Certified (2)
Windows Server 2008 R2 SP1 (1)(2)	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Certified (2)	Compatible	Certified (2)
<b>OS X systems</b>													
macOS 10.14	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested		Not Tested	
macOS 10.13.6	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified		Certified	
macOS 10.12.6	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified		Certified	
OS X 10.11.6 (3)	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported	Not supported		Not supported	

(1) 64-bit 4D version runs only on 64-bit versions of operating systems

(2) 4D Write and 4D View are certified when they are used with 4D Server 64-bit, however they are incompatible with 4D Developer 64-bit

(3) Apple stopped to provide security updates to 10.11/EI Capitan in summer 2018. As of open, unfixed security issues, using of this system for professional purpose cannot be supported anymore, please update to a newer OS.