

## Minimum hardware and system requirements

### Windows

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

### OS X

- Intel® Core 2 Duo - *details below (1)*
- OS X 10.10.5 ("Yosemite")
- 4GB minimum RAM, 8GB recommended
- 1280x1024 min. screen resolution


## Notes

**Certified:** All product functionalities have been tested

**Compatible:** 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.

**Not compatible:** The product does not work under the designated environment

**Not Tested:** The OS has been released after the release of the next 4D version (v16), so it will not be certified.  
In case you run into an issue on that OS, please update your database to 4D v16.x

 : 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

• Only for Windows 7 and Windows Server 2008, 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.

	4D family					
	4D	4D Server		4D Volume Desktop		
	32-bit	32-bit	64-bit (2)	32-bit	32-bit	64-bit (2)
<b>Windows systems</b>						
Windows 10 Creator Update (1703) (1)(4)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Windows 10 Anniversary Update (1607) (1)	<b>Certified</b>	Compatible	<b>Certified</b>	<b>Certified</b>	Compatible	<b>Certified</b>
Windows 10 (1511) (1)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Windows 8.1 (1)	<b>Certified</b>	Compatible	<b>Certified</b>	<b>Certified</b>	Compatible	<b>Certified</b>
Windows 7 SP1 (1)(3)	<b>Certified</b>	Compatible	<b>Certified</b>	<b>Certified</b>	Compatible	<b>Certified</b>
Windows Server 2016 (1)	Compatible	Compatible	<b>Certified</b>	<b>Certified</b>	Compatible	<b>Certified</b>
Windows Server 2012 R2 (1)	Compatible	Compatible	<b>Certified</b>	<b>Certified</b>	Compatible	<b>Certified</b>
Windows Server 2008 R2 SP1 (1)(3)	Compatible	Compatible	<b>Certified</b>	<b>Certified</b>	Compatible	Compatible
<b>OS X systems</b>						
macOS 10.13 (4)	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
macOS 10.12.6	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>
OS X 10.11.6	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>
OS X 10.10.5	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>	<b>Certified</b>

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

(2) Instruction set SSE 4.1 must be available in the processor if using 64-bit 4D applications

(3) 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.

(4) If an issue is found, please update your database to 4D v16.x.

	Plugins 4D											
	4D for OCI		4D Internet Commands		4D Pack		4D View		4D Write			
	32-bit	64-bit (2)	32-bit	64-bit (2)	32-bit	64-bit (2)	32-bit	64-bit (2)	32-bit	64-bit (2)	32-bit	64-bit (2)
<b>Windows systems</b>												
Windows 10 Creator Update (1703) (1)(3)	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible
Windows 10 Anniversary Update (1607) (1)	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Windows 10 (1511) (1)	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	Certified
Windows 7 SP1 (1)	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Windows Server 2016 (1)	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified
Windows Server 2012 R2 (1)	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified
Windows Server 2008 R2 SP1 (1)	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified	Compatible	Certified
<b>OS X systems</b>												
macOS 10.13 (3)	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested		Not Tested	
macOS 10.12.6	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified		Certified	
OS X 10.11.6	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified		Certified	
OS X 10.10.5	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified		Certified	

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