



Software Requirements Guide

Opera 3 & Opera II



Software Requirements

Opera 3 (2.62.00)

Opera II (7.82.00)

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Introduction

This guide lists the supported software products and environments for the latest available versions of Opera 3 SQL SE (Server Edition), Opera 3 Standard and Opera II Enterprise.

This includes the supported editions of:

- [Microsoft Office](#)
- [Microsoft SQL Server](#)
- [Microsoft Windows Server](#)
- [Microsoft Desktop editions](#)
- [Web browsers](#).

The guide also includes details of the [Microsoft .NET Framework](#) editions required.

This table lists the Opera editions and the databases used.

Opera Edition	Databases used
Opera 3 SQL SE	Microsoft SQL Server
Opera 3 Standard	Microsoft Visual Foxpro Microsoft SQL Server
Opera II Enterprise	Microsoft Visual Foxpro Microsoft SQL Server

Microsoft Support & Licensing

Mainstream & Extended Support

Within the Mainstream Support period, Microsoft provides security updates and new features. Mainstream Support is provided for a minimum of five years. Extended Support is then provided for a minimum of five years but with less support. Security updates are still provided. Visit support.microsoft.com for details.

Visit the support.microsoft.com for details of the Mainstream and Extended Support end dates

Opera is tested using, and supported for, Windows products mentioned in this guide that are under Microsoft Mainstream Support. Pegasus also offers support when Microsoft products are under Microsoft Extended Support, but those environments are not tested.

- We recommend that the version of the Microsoft software you use with Pegasus products is in Microsoft Mainstream Support. If you experience an environmental problem in Pegasus we will then be able to test using the same environment.
- Support from Pegasus Software will end when Microsoft extended support ends.
- Some Microsoft products are not supported at all for Opera 3 SQL SE and Opera II Enterprise. Check each section of this guide for details.

Licensing

A separate SQL Server Licensing guide from Pegasus Software is available at docs.pegasus.co.uk.

The product licensing terms and licensing programs for Microsoft desktop and server operating systems are explained at www.microsoft.com/en-us/licensing.

Semi-Annual Channel releases

The Microsoft Semi-Annual channel is a twice-per-year feature update that releases around March and September, with an 18-month servicing period for each release.

Support for Semi-Annual Channel releases

The testing of Semi-Annual Channel releases to a Microsoft platform that is supported by Pegasus is achieved in two stages.

1. When Microsoft announces a Semi Annual Channel release as a Release Candidate to the Community Technology Preview (CTP) group (Pegasus is included in this), we run installation tests in those environments. At this Release Candidate stage Pegasus does not offer support for the Semi Annual Channel release.
2. When Microsoft announces a Semi Annual Channel release has been released to manufacturing, Pegasus runs further tests to ensure that the stability, functionality, performance and locking of our products have not be affected.

After the second stage, if all testing has been successful Pegasus then offers support for the Semi Annual Channel release.

Monthly Rollup releases

Please note that Pegasus does not test Microsoft Monthly Rollup releases and so does not offer support for those releases. For a description from Microsoft about Monthly Rollup releases, please visit support.microsoft.com/en-us/help/824684/description-of-the-standard-terminology-that-is-used-to-describe-micro.

Ending support

Pegasus may decide to drop the support of a product on a new platform or a Semi Annual Update, but notice will be given of that decision.

For details please visit docs.microsoft.com/en-us/windows-server/get-started/semi-annual-channel-overview and www.microsoft.com/en-us/itpro/windows-10/release-information.

Hardware Requirements

This guide does not provide information about hardware requirements. Please check the Microsoft website for hardware requirements for the relevant environment.

Please keep these points in mind when making decisions on hardware purchases. System performance of each PC and server depends on the following:

- the processing power
- how computers are configured, and what Windows features are installed
- the number of applications running, including anti-virus utilities, backup utilities, screen savers, and power savers
- the number of users in Opera and the amount of Opera data throughput and the number of locations where Opera is used
- whether the Opera Client installation is used on the file server, adding an additional load on the server.

Microsoft Office

64-bit editions of Microsoft Office are not supported.

Supported Microsoft Word, Excel and Outlook editions:

Edition	Supported with			Microsoft Support
	Opera 3 SQL SE	Opera 3 Standard	Opera II Enterprise	
Office 2019	Yes	Yes	No	Mainstream support ends 10/10/2023
Office 2016	Yes	Yes	Yes	Mainstream support ends 13/10/2020
Office 2013 Service Pack 1	Yes	Yes	Yes	Extended support ends 11/4/2023
Office 2010 Service Pack 2	No	Yes	Yes	Extended support ends 13/10/2020
Microsoft Office 365 Desktop edition	Yes	Yes	Yes	See Microsoft website

Microsoft SQL Server

SQL Server Express editions can be used for Opera 3 SQL SE, Pegasus Stocktake, Pegasus Scheduler and Pegasus Document Management.

SQL Server Express cannot be used for Opera 3 or Opera II SQL.

For help with licensing, see the [SQL Server Licensing guide](#) on the Pegasus Help Centre.

Supported Microsoft SQL Server Standard and Enterprise editions:

Edition	Supported with			Microsoft Support
	Opera 3 SQL SE	Opera 3 Standard	Opera II Enterprise	
SQL Server 2017	Yes	Yes	No	Mainstream support ends 11/10/2022
SQL Server 2016 (Service Pack 2)	Yes	Yes	No	Mainstream support ends 13/07/2021
SQL Server 2014 (Service Pack 3)	Yes	Yes	Yes	Mainstream support ends 09/07/2019
SQL Server 2012 (Service Pack 4)	No	Yes	Yes	Extended support ends 12/07/2022

Supported Microsoft SQL Server Express edition:

Edition	Supported with			Microsoft Support
	Opera 3 SQL SE	Opera 3 Standard	Opera II Enterprise	
SQL Server 2017 Express	Yes	No	No	Mainstream support ends 11/10/2022

Support for Opera 3 SQL SE with SQL Server Express

Infor agrees that it will support SQL Server Express edition ("SQL Express") with Opera 3 SQL SE, however due to certain known limitations with SQL Express, such support is granted subject to the following conditions: (i) it is the Partner's sole responsibility to ensure that the specification of SQL Express meets the End User's technical requirements (as may be amended from time to time); and (ii) in the event

that the End User suffers any degradation in operation due to its use of SQL Express, Partner will procure that the End User upgrades to a full SQL server deployment as soon as reasonably practicable. Infor shall provide the specifications for SQL Express in its online documentation and installation guides. Infor accepts no liability whatsoever due to Partner's failure to meet the conditions set out above.

For a comparison of the Express, Standard and Enterprise editions, see www.microsoft.com/en-us/sql-server/sql-server-2017-editions.

For Processor, Memory, and Operating System Requirements, see docs.microsoft.com/en-us/sql/sql-server/install/hardware-and-software-requirements-for-installing-sql-server?view=sql-server-2017.

Microsoft Windows Server

Servers should have at least 16 GB of RAM.

Terminal Services implementations should be installed on an independent server.

Supported Microsoft Windows Server editions:

Edition	Supported with			Microsoft Support
	Opera 3 SQL SE	Opera 3 Standard	Opera II Enterprise	
Windows Server Standard 2019	Yes	Yes	No	Mainstream support ends 09/01/2024
Windows Server Essentials 2019	Yes	Yes	No	Mainstream support ends 09/01/2024
Windows Server Standard 2016	Yes	Yes	No	Mainstream support ends 11/01/2022
Windows Server Standard 2012 R2	No	Yes	Yes	Extended support ends 10/10/2023
Windows Server Standard 2012	No	Yes	Yes	Extended support ends 10/10/2023
Windows Server Essentials 2012	No	No (not a Microsoft supported platform for .NET Framework 4.7.2 - required for Opera 3 (2.60+))	Yes (does not require .NET Framework 4.7.2)	Extended support ends 10/10/2023

Edition	Supported with			Microsoft Support
	Opera 3 SQL SE	Opera 3 Standard	Opera II Enterprise	
Windows Small Business Server Essentials 2011	No	No (not a Microsoft supported platform for .NET Framework 4.7.2 - required for Opera 3 (2.60+))	Yes (does not require .NET Framework 4.7.2)	Depends on components.
Windows Server 2008 R2 (Service Pack 1)	No	Yes	Yes	Extended support ends 14/01/2020

Microsoft Windows Desktop

PCs running Microsoft Windows desktop editions should not be used as servers.

Supported Microsoft Windows desktop editions:

Edition	Supported with			Microsoft Support
	Opera 3 SQL SE	Opera 3 Standard	Opera II Enterprise	
Windows 10, version 1903				
Enterprise	Yes	Yes	Yes	Mainstream support ends 08/12/2020
Pro	Yes	Yes	Yes	Mainstream support ends 08/12/2020
Windows 10, version 1809				
Enterprise	Yes	Yes	Yes	Mainstream support ends 11/05/2021
Pro	Yes	Yes	Yes	Mainstream support ends 12/05/2020
Windows 10, version 1803				
Enterprise	Yes	Yes	Yes	Mainstream support ends 10/11/2020
Pro	Yes	Yes	Yes	Mainstream support ends 12/11/2019
Windows 10, version 1709				
Enterprise	Yes	Yes	Yes	Mainstream support ends 14/04/2020
Pro	Yes	Yes	Yes	Mainstream support ended

Edition	Supported with			Microsoft Support
	Opera 3 SQL SE	Opera 3 Standard	Opera II Enterprise	
				09/04/2019 (See the Review Note)
Windows 10, version 1703				
Enterprise	Yes	Yes	Yes	Mainstream support ends 08/10/2019
Pro	Yes	Yes	Yes	Mainstream support ended 09/10/2018 (See the Review Note)
Windows 10, version 1607				
Enterprise	Yes	Yes	Yes	Mainstream support ended 09/04/2019 (See the Review Note)
Pro	Yes	Yes	Yes	Mainstream support ended 10/04/2018 (See the Review Note)
Earlier Windows editions				
Windows 8.1	No	Yes	Yes	Extended support ends 10/01/2023
Windows 7 (Service Pack 1)	No	Yes	Yes	Extended support ends 14/01/2020

Web browsers

Supported web browsers:

- Microsoft Edge
- Microsoft Internet Explorer 11.x
- Google Chrome (latest version).

Microsoft .NET Framework

Microsoft .NET Framework editions required are:

Version	Opera edition	Install on server?	Install on client PCs?
Version 4.7.2	Opera 3 SQL SE	Yes	Yes
Version 4.7.2	Opera 3 Standard	Yes	Yes
Version 3.51	Opera 3 SQL SE	No	If Online Filing Manager or Document Management are used.
	Opera 3 Standard		
	Opera II Enterprise		

Please visit docs.microsoft.com/en-us/dotnet/framework/get-started/system-requirements for an updated list of Windows editions that support the installation of Microsoft .NET Framework 4.7.2.