



# Software Requirements Guide

**Opera 3 & Opera II**



## **Software Requirements**

**Opera 3 (2.60.00+)**

**Opera II (7.73.00+)**

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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 Mainstream and 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](https://support.microsoft.com) for details.

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.

Visit the [support.microsoft.com](https://support.microsoft.com) for details of the Mainstream and Extended Support end dates.

## 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](https://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](https://docs.microsoft.com/en-us/windows-server/get-started/semi-annual-channel-overview) and [www.microsoft.com/en-us/itpro/windows-10/release-information](https://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 computing 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	
2016	Yes	Yes	Yes	Mainstream support ends 13/10/2020
2013 Service Pack 1	Yes	Yes	Yes	Extended support ends 11/4/2023
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 cannot be used for Opera 3, Opera 3 SQL SE or Opera II SQL editions but can be used for Pegasus Stocktake, Pegasus Scheduler and Pegasus Document Management.

For help with licensing, see the SQL Server Licensing guide on the Pegasus Help Centre.

Supported Microsoft SQL Server 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
SQL Server 2008 R2 (Service Pack 3)	No	Yes	Yes	Extended support ends 09/07/2019

## 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 2016	Yes	Yes	No	Mainstream support ends 01/11/2022
Windows Server 2012 R2	No	Yes	Yes	Extended support ends 10/10/2023
Windows Server 2012	No	Yes	Yes	Extended support ends 10/10/2023
Windows Server 2012 Essentials	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
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.

	Supported with			
Edition	Opera 3 SQL SE	Opera 3 Standard	Opera II Enterprise	Microsoft Support
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 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 ends 09/04/2019

Edition	Supported with			Microsoft Support
	Opera 3 SQL SE	Opera 3 Standard	Opera II Enterprise	
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 ends 09/04/2019
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 4.7.2	Opera 3 SQL SE	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		

The following Windows editions support the installation of Microsoft .NET Framework 4.7.2:

- Windows Server 2016 (version 1709)
- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2 Service Pack 1
- Windows 10 (version 1607+)
- Windows 8.1
- Windows 7 Service Pack 1