



Software Requirements Guide

Opera 3



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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) and Opera 3 Standard.

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 |

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. 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

Supported Microsoft Word, Excel and Outlook editions:

| Edition | Supported with | | Microsoft Support |
|--------------------------------------|----------------|------------------|--|
| | Opera 3 SQL SE | Opera 3 Standard | |
| Office 2019, Version 1908 | Yes* | Yes* | Mainstream support ends 10/10/2023 |
| Office 2016, Version 1908 | Yes* | Yes* | Mainstream support ends 13/10/2020 |
| Office 2013 Service Pack 1 | Yes | Yes | Extended support ends 11/4/2023 |
| Office 2010 Service Pack 2 | No | Yes | Extended support ends 13/10/2020 |
| Microsoft Office 365 Desktop edition | Yes | Yes | See Microsoft website |

* 32 and 64-bit supported.

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 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 | |
| SQL Server 2017 | Yes | Yes | Mainstream support ends 11/10/2022 |
| SQL Server 2016 (Service Pack 2) | Yes | Yes | Mainstream support ends 13/07/2021 |
| SQL Server 2014 (Service Pack 3) | Yes | Yes | Extended support ends 09/07/2024 |
| SQL Server 2012 (Service Pack 4) | No | 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 | |
| SQL Server 2017 Express | Yes | 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 | |
| Windows Server Standard 2019 | Yes | Yes | Mainstream support ends 09/01/2024 |
| Windows Server Essentials 2019 | Yes | Yes | Mainstream support ends 09/01/2024 |
| Windows Server Standard 2016 | Yes | Yes | Mainstream support ends 11/01/2022 |
| Windows Server Standard 2012 R2 | No | Yes | Extended support ends 10/10/2023 |
| Windows Server Standard 2012 | No | 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+)) | Extended support ends 10/10/2023 |

| Edition | Supported with | | Microsoft Support |
|---|----------------|---|--|
| | Opera 3 SQL SE | Opera 3 Standard | |
| 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+)) | Depends on components. |

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 | |
| Windows 10, version 2004 | | | |
| Enterprise | Yes | Yes | Mainstream support ends 14/12/2021 |
| Pro | Yes | Yes | Mainstream support ends 14/12/2021 |
| Windows 10, version 1909 | | | |
| Enterprise | Yes | Yes | Mainstream support ends 10/05/2022 |
| Pro | Yes | Yes | Mainstream support ends 11/05/2021 |
| Windows 10, version 1903 | | | |
| Enterprise | Yes | Yes | Mainstream support ended 08/12/2020 |
| Pro | Yes | Yes | Mainstream support ended 08/12/2020 |
| Windows 10, version 1809 | | | |
| Enterprise | Yes | Yes | Mainstream support ends 11/05/2021 |

| Edition | Supported with | | Microsoft Support |
|--------------------------|----------------|------------------|---|
| | Opera 3 SQL SE | Opera 3 Standard | |
| Pro | Yes | Yes | Mainstream support ends 10/11/2020 |
| Windows 10, version 1803 | | | |
| Enterprise | Yes | Yes | Mainstream support ends 10/11/2020 |
| Pro | Yes | Yes | Mainstream support ended 12/11/2019 (See the Review Note) |
| Windows 10, version 1709 | | | |
| Enterprise | Yes | Yes | Mainstream support ends 13/10/2020 |
| Pro | Yes | Yes | Mainstream support ended 09/04/2019 (See the Review Note) |
| Earlier Windows editions | | | |
| Windows 8.1 | No | Yes | Extended support ends 10/01/2023 |

Windows 10 Enterprise 1903 expired on December 8th, 2020 whereas Windows 10 Enterprise 1809 doesn't expire until November 2021. This is due to the support duration of Windows-as-a-Service release cycles.

For further details of Windows-as-a-Service please refer to <https://docs.microsoft.com/en-us/windows/deployment/update/waas-overview>

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 | | |

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.