

Before You Install

Before installing PSQL v12, begin by reviewing the following documents:

- [Preparing to Install PSQL](#) - Important information, including system requirements and platform specific notes, relevant to your operation.
- [Release Notes](#) - The release notes are located in `readme_psql.htm` on the distribution media and contain late-breaking news that could not be included in the user documentation.

Platform Notes

This section contains installation information specific to the Windows platform.

- To install PSQL for Windows, you must have full administrator-level rights on the machine where you will install PSQL.

Installing the Engine on Terminal Server

To install PSQL on a terminal server, you must be logged on to the console of the server as a user with system administrator rights to install. This can either be the physical console on the server or a remote console session.

Install PSQL as you normally would, using the steps discussed in this manual. The operating system automatically handles the changing of terminal server modes.

Running the Engine on Terminal Server

Only one instance of the database engine may run on any terminal server platform. You cannot run separate copies of the database engine within two or more terminal sessions.

Installation Tips

- When installing PSQL v12 for the first time on a system, the installer checks whether all of the needed system files meet the minimum requirements. In some cases, these files are locked by the operating system and a restart is required before the installer can continue.



Caution You must restart your system if you encounter the restart message. If you do not restart your system, the installer encounters failures during engine and utilities configuration.

- If you have any trouble with the following installation, see [Troubleshooting After Installation](#).

Failover Clusters

If you plan to install PSQL in a clustered environment using Microsoft Cluster Service (MSCS), you should first refer to [High Availability Support](#) in *Advanced Operations Guide*. This topic provides instructions for installing or patching PSQL in a clustering environment.

Installing PSQL for Windows

You must install PSQL for Windows at the server itself; you cannot install it remotely from a client machine.



Note If the installation fails for any reason, the installation log file can be found in the Windows %Temp% directory.

The following steps explain how to install PSQL from its media using the default interactive installation.

➤ To install PSQL for Windows

- 1 Launch the installation program from your Windows machine.
 - a. Insert the PSQL CD into the CD-ROM drive of your Windows server, or run the self-extracting executable.
 - b. If the installation does not start automatically, run the autorun executable from the operating system: drive:\autorun\autorun where *drive* is the drive letter of your CD-ROM device.

The installation selection dialog displays.

- 2 Click **Server** installation, which will install the components appropriate to your 32- or 64-bit Windows system.

The installer begins its initial preparation, after which the **Welcome** screen appears.

- 3 If prompted, close or uninstall any running applications that may interfere with the PSQL installation.



Note If you wish to leave one or more programs running that *may* interfere, you must click **Ignore** to continue. Unpredictable results may occur during the PSQL installation if you ignore programs that may interfere.

- 4 At the **Welcome** screen, click **Next**.
- 5 On the **License Agreement** page, read and accept the Software License Agreement, then click **Next**.
- 6 Select the setup type: **Complete** (default) or **Custom**.

The **Complete** setup (recommended for most users) installs all the PSQL v12 components using the default options and locations.

- If you choose a **Complete** install, click **Next** and continue with step 11.

The **Custom** setup (recommended for advanced users) allows you to specify the installation location, select the optional features and associated subfeatures to install, and determine the space requirements for the components.

- If you choose **Custom**, click **Next** and continue with the following steps.

- 7 To specify different installation locations, click **Change** for any of the folders listed, then enter or browse for a different folder. Click **OK** to accept the location.
- 8 Click **Next** to continue.

9 Select the optional features and associated subfeatures you want to exclude from the installation and click **Next**. All of the PSQL optional features and subfeatures are selected for installation by default.

■ **Data Access**

- ActiveX Interface Controls
- ADO.NET Providers
- Btrieve DOS (32-bit only)
- DTO
- JCL
- JDBC Driver
- OLE DB
- PDAC

■ **Utilities**

- Java Utilities
 - PSQL Control Center
 - Documentation
 - Data Definition File Builder
 - Notification Viewer
- Other Utilities
 - Cobol Schema Exec
 - PSQL System Analyzer

10 Click **Next** to continue.

11 Click **Install** to begin installation.

12 A dialog displays when the installation wizard completes. The product has been installed with a trial key that expires at the end of its trial period.

You have two choices at this point: continue and authorize the product with a permanent key, or end the installation (and later authorize the product with a permanent key).

- If you choose to continue and authorize the product, an Internet connection is required. Click **Next** and continue with step 13. (If you have no Internet connection, click **Next** then click **Finish**. See [Alternative Authorization Tasks](#) in *PSQL User's Guide*.)
- If you choose to end the installation at this point, click **Next** then click **Finish**. (You may run the License Administrator utility at a later time to authorize a key. See [License Administration](#) in *PSQL User's Guide*.)

13 Enter your license key and click the button to authorize the key.

(If you decide not to authorize the product at this point, click **Finish**. You may run the License Administrator utility at a later time to authorize a key. See [License Administration](#) in *PSQL User's Guide*.)

14 A message box displays the status of the authorization action. Perform one of the following actions depending on the status:

- If the authorization status message is “**key is authorized**,” click **OK**, then click **Finish** to complete the installation.

- If the authorization status message reports an error or warning, click **OK**, and repeat step 13, ensuring that you enter a valid license key.
- 15** Register your product (recommended) as explained on the Registration page that displays, then close the Registration page.
- If you are prompted to restart your system, please do so in order to ensure proper operation of your PSQL v12 product.



Note The installation program modifies certain environment variables. On Windows systems, environment variables can be viewed in Advanced System Settings on the Advanced tab.

Installing the PSQL Client for Windows

You must install the PSQL Client for Windows at the client machine itself; you cannot install it remotely from a server machine.

The PSQL Client is installed by default with PSQL Server, PSQL Vx Server, and PSQL Workgroup.

If the installation fails for any reason, the installation log file can be found in the Windows %Temp% directory.

The steps in this section explain how to install PSQL Client from its media using the default interactive installation.



Note See also [Does it matter if I use PSQL Clients that are of a different version than that of the database engine?](#)

► To install PSQL Client for Windows

- 1 Launch the installation selection program from your Windows machine.
 - a. Insert the PSQL product CD in the CD-ROM drive of your Windows server.
 - b. If the installation does not start automatically, run the autorun executable from the operating system: `drive:\autorun\autorun` where *drive* is the drive letter of your CD-ROM device.

The installation selection dialog appears.

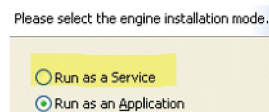
- 2 Click **Client**, which will install the components appropriate for your 32- or 64-bit Windows system. The installer begins its initial preparation, after which the **Welcome** screen appears.
- 3 If prompted, close or uninstall any running applications that may interfere with the PSQL installation.



Note If you wish to leave one or more programs running that *may* interfere, you must click **Ignore** to continue. Unpredictable results may occur during the PSQL installation if you ignore programs that may interfere.

- 4 At the **Welcome** screen, click **Next**.
- 5 Select the installation mode: **Run as an Application** (the default) or **Run as a Service**.

Figure 1 Client Cache Engine Installation Mode



Select **Run as an Application** if:

You plan to enable the use of Client Cache Engine and want the Client Cache Engine to auto-load as needed. After the Client Cache Engine starts, a tray icon appears, allowing you to control the Client Cache Engine from the Windows task bar.

Select **Run as a Service** if:

- You run the Client on a machine within a Terminal Services environment or in a multi-user environment where fast-user switching is used.
- You plan to enable the use of Client Cache Engine and want it to load when the machine starts.



Note Running the Client as a service requires the **Log On as Service** privilege. If you select to run the Client as a service under a user account other than the default Local System account, ensure that you modify the Log On Properties for the Service using the Windows Control Panel. If installed as a service, the Client cache service is set by default to auto-start. However, even though the Client cache service is running, an application does not use the Client cache unless the configuration setting for it is turned “on.” See the following.

The Client Cache Engine is a specialized version of the MicroKernel Engine that caches data for reading purposes and runs as a separate process. For simplicity, Client Cache Engine is often referred to as the “Client cache.”

By default, whether installed as a service or as an application, the use of the Client Cache Engine is disabled (turned “off”). “Off” means that nothing is cached on the Client side. READ requests from an application retrieve data from the remote database Engine. “On” means that the Client Cache Engine acts as an intermediary between the Client and the remote database Engine to cache data.

See [Use Cache Engine](#) in *Advanced Operations Guide*.

- 6 On the **License Agreement** page, read and accept the Software License Agreement, and then click **Next**.
- 7 Select the setup type: **Complete** (default) or **Custom**.

The **Complete** setup (recommended for most users) installs all the PSQL v12 components using the default options and locations.

 - If you choose a **Complete** install, click **Next** and continue with step 12.

The **Custom** setup (recommended for advanced users) allows you to specify the installation location.

 - If you choose **Custom**, continue with the following steps.
- 8 To specify different installation locations, click **Change** for any of the folders listed, click **Change** for any of the folders listed, then enter or browse for a different folder. Click **OK** to accept the location.
- 9 Click **Next** to continue.
- 10 Select the components and associated subfeatures you want to exclude from the installation and click **Next**. All of the PSQL components and subfeatures are selected for installation by default.
 - Data Access
 - ActiveX Interface Controls
 - ADO.NET Providers
 - Btrieve DOS (32-bit only)

- DTO
- JCL
- JDBC Driver
- OLE DB
- PDAC
- Utilities
 - Java Utilities
 - PSQL Control Center
 - Documentation
 - Data Definition File Builder
 - Other Utilities
 - Cobol Schema Exec
 - PSQL System Analyzer

11 Click **Next** to continue.

12 Click **Install** to begin installation.

13 Once the installation is complete, the final dialog of the Installation Wizard displays. Click **Finish**.

If you are prompted to restart your system, please do so to ensure proper operation of your PSQL product.



Note The installation program modifies some of the environment variables. On Windows platforms, environment variables are stored in the Control Panel under System information.
