

# How To Install PDM Standard Server 2024

TITLE:	How To Install PDM Standard Server 2024
DATE:	September 2023
SUBJECT:	PDM server install
ABSTRACT:	Comprehensive guide on installing the PDM Server for SOLIDWORKS 2024



This guide is written for administrators of SolidWorks PDM Standard. The goal of this guide is to detail the steps necessary for an administrator to successfully install the server components of the PDM Standard installation. Please see the installation guide for the PDM Client for information about installing that component.

SOLIDWORKS PDM Standard is used to securely store and manage files. The server components of PDM Standard run as services and are supported on Windows Server 2019 and 2022. The Database server component is supported with Microsoft SQL Server 2017, 2019, and 2022.

This is not a troubleshooting guide. If you have any technical issues with SolidWorks, please search the [Hawk Ridge Systems Help Center](#), or contact Hawk Ridge Systems technical support.

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## Contents

Before Installation.....2  
 Installation of PDM Standard Server Components.....4

## Before Installation

Hawk Ridge Systems highly recommends taking a moment before installing SOLIDWORKS and checking that you are ready to load your new software. First, ensure that your system meets the [minimum system requirements](#) for the products you are installing.

Below are the primary operating system and software requirements for SOLIDWORKS PDM 2024 server components.

	SOLIDWORKS 2022 (EDU 2022-2023)	SOLIDWORKS 2023 (EDU 2023)	SOLIDWORKS 2024 (EDU 2024)
Windows Server 2022	✓ (SW2022 SP4)	✓	✓
Windows Server 2019	✓	✓	✓ (End of Life: SW 2025)
Windows Server 2016	✓	✓	✗

	SOLIDWORKS 2022 (EDU 2022-2023)	SOLIDWORKS 2023 (EDU 2023)	SOLIDWORKS 2024 (EDU 2024)
<b>MS SQL</b>			
SQL 2022	✗	✓ (SW2023 SP2)	✓
SQL 2019	✓ SQL 2019 CU4 required	✓ SQL 2019 CU4 required	✓ SQL 2019 CU4 required (End of Life: SW 2025)
SQL 2017	✓	✓	✓ (End of Life: SW 2024)
SQL 2016	✓	✓	✗

Below are the basic hardware requirements for a SOLIDWORKS PDM 2024 server.

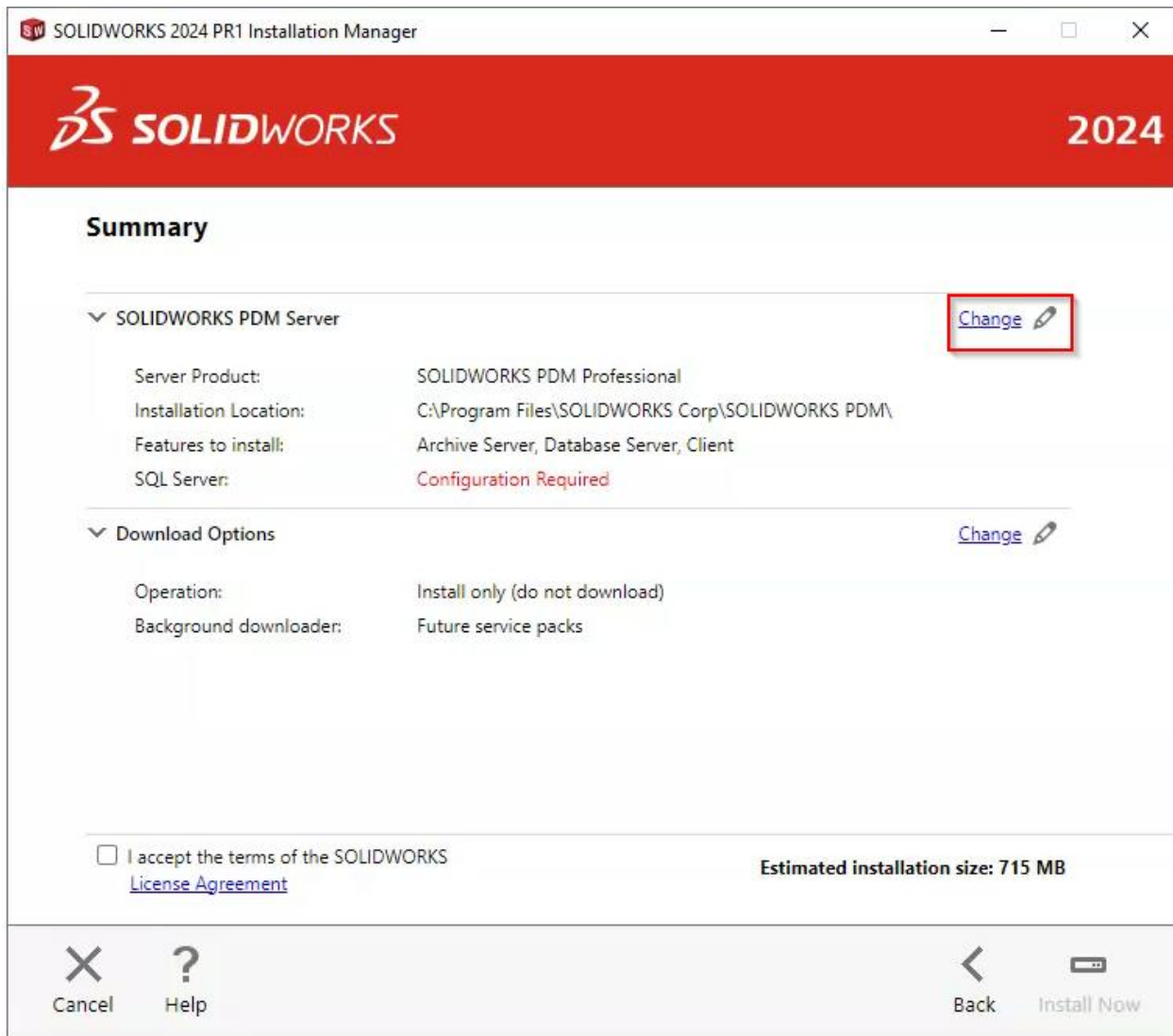
Hardware	
Processor	64-bit; Intel or AMD
RAM	16 GB or more PDM Contributor/Viewer or Electrical Schematic: 8 GB or more
Graphics	<a href="#">Certified cards and drivers</a>
Drives	SSD drives recommended for optimal performance

SOLIDWORKS also supports a small number of virtual environments for the PDM Server components.

	SOLIDWORKS 2022	SOLIDWORKS 2023	SOLIDWORKS 2024
Hypervisors (Virtual Environments)			
VMware vSphere ESXi	7.0 U3c	7.0 U3f	To be announced
VMware Workstation	16.2.3	16.2.4	To be announced
Microsoft Hyper-V	2019	2022	To be announced
Parallels Desktop, Mac	17.1.2	17.1.2	To be announced
Citrix XenServer	8.2 LTSR	8.2 LTSR	To be announced

# Installation of PDM Standard Server Components

1. Insert and run the SOLIDWORKS Installation disc 1 or run the "Setup.exe" file inside your downloaded installation folder.
2. Select "Install server components" > "Install SOLIDWORKS PDM Server," and "Next."
3. If you had selected to install the SolidNetwork License Manager on the previous page, please enter your PDM serial number in the appropriate field and press "Next."
4. Select "Change" next to "SOLIDWORKS PDM Server."



The screenshot shows the "SOLIDWORKS 2024 PR1 Installation Manager" window. The title bar includes the SW logo and window controls. The main header features the SOLIDWORKS logo and the year "2024". The "Summary" section is expanded to show details for "SOLIDWORKS PDM Server". A red box highlights the "Change" button next to the product name. Below this, the following details are listed:

Server Product:	SOLIDWORKS PDM Professional
Installation Location:	C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\
Features to install:	Archive Server, Database Server, Client
SQL Server:	Configuration Required

The "Download Options" section is also expanded, showing:

Operation:	Install only (do not download)
Background downloader:	Future service packs

At the bottom, there is a checkbox for "I accept the terms of the SOLIDWORKS License Agreement" and the text "Estimated installation size: 715 MB". The footer contains "Cancel", "Help", "Back", and "Install Now" buttons.



5. Select "SOLIDWORKS PDM Standard," check both "Archive Server" and "Database Server," input your SQL server login information to either use an existing instance or create a new one, and then select "Back to Summary." We recommend that you download and install MS SQL Management Tools when installing a new instance.

Note that you can also choose to install the Client component here if needed. Please see the guide for that product for more information.

The screenshot shows the "SOLIDWORKS 2024 PR1 Installation Manager" window. The title bar includes the SolidWorks logo and the text "SOLIDWORKS 2024 PR1 Installation Manager". The main content area is titled "SOLIDWORKS PDM Server" and contains the following sections:

- SOLIDWORKS PDM Standard** (selected) and **SOLIDWORKS PDM Professional** (unselected).
- Installation Location**: A text box containing "C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\" and a "Browse..." button.
- Select Features**: Three checked checkboxes for "Archive Server", "Database Server", and "Client".
- SQL Server**: A "Name:" text box containing "localhost\SWPDM" and a "Browse..." button. Below this are two radio buttons: "Install new instance of SQL Server Express" (unselected) and "Use an existing SQL Server Express database" (selected). A note below reads: "Enter SQL login of a user with at least 'db\_owner' access to the SOLIDWORKS PDM databases".

At the bottom of the window, there are three buttons: "Cancel" (with an 'X' icon), "Help" (with a '?' icon), and "Back to Summary" (with a left-pointing arrow icon).



6. Select "Change" next to "Download Options" to verify that your download options are correct. Adjust these as needed and select "Back to Summary."

The screenshot shows the 'SOLIDWORKS 2024 PR1 Installation Manager' window. The title bar includes the SolidWorks logo and the text 'SOLIDWORKS 2024 PR1 Installation Manager'. The main header is red with the 'SOLIDWORKS' logo on the left and '2024' on the right. The 'Download Options' section asks 'What do you want to do?' and provides three radio button options: 'Download and install', 'Download only', and 'Install only. I already have all the installation files needed.' The third option is selected. Below this, there are two 'Browse...' buttons for selecting installation and download paths, both showing the path '\\.\.\.\.\\_Installers\SOLIDWORKS 2024 Pre Release 1'. The 'Estimated download size' is 0 (0 total disk space needed). Under 'Additional options', the checkbox 'Use the background downloader for future service packs' is checked, and 'Conduct manual download - Use this option if you have trouble downloading automatically.' is unchecked. At the bottom, there are 'Cancel', 'Help', and 'Back to Summary' buttons.

7. Accept the terms of the SOLIDWORKS License Agreement and select "Install Now," or "Download and Install," depending on your selection in "Download Options."
8. If the installation prompts a restart of the computer, this should be followed accordingly. After this is finished, the PDM Standard server installation is complete.