

# How To Install PDM Standard Server 2023

TITLE:	How To Install PDM Standard Server 2023
DATE:	September 2022
SUBJECT:	PDM server install
ABSTRACT:	Comprehensive guide on installing the PDM Server for SOLIDWORKS 2023



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 2016, 2019, and 2022. The Database server component is supported with Microsoft SQL Server 2016, 2017, and 2019.

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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## 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 2023 server components.

	SOLIDWORKS 2021 (EDU 2021-2022)	SOLIDWORKS 2022 (EDU 2022-2023)	SOLIDWORKS 2023 (EDU 2023-2024)
<b>Server Products</b> (e.g. SOLIDWORKS PDM, SNL Manager)			
Windows Server 2022	✗	✓ (SW2022 SP4)	✓
Windows Server 2019	✓	✓	✓
Windows Server 2016	✓	✓	✓ (End of Life: SW 2023)
	SOLIDWORKS 2021 (EDU 2021-2022)	SOLIDWORKS 2022 (EDU 2022-2023)	SOLIDWORKS 2023 (EDU 2023-2024)
<b>MS SQL</b>			
SQL 2019	✓ SQL 2019 CU4 required	✓ SQL 2019 CU4 required	✓ SQL 2019 CU4 required
SQL 2017	✓	✓	✓ (End of Life: SW 2024)
SQL 2016	✓	✓	✓ (End of Life: SW 2023)
SQL 2014	✓ SQL 2014 SP3 required	✗	✗

Below are the basic hardware requirements for a SOLIDWORKS PDM 2023 server.

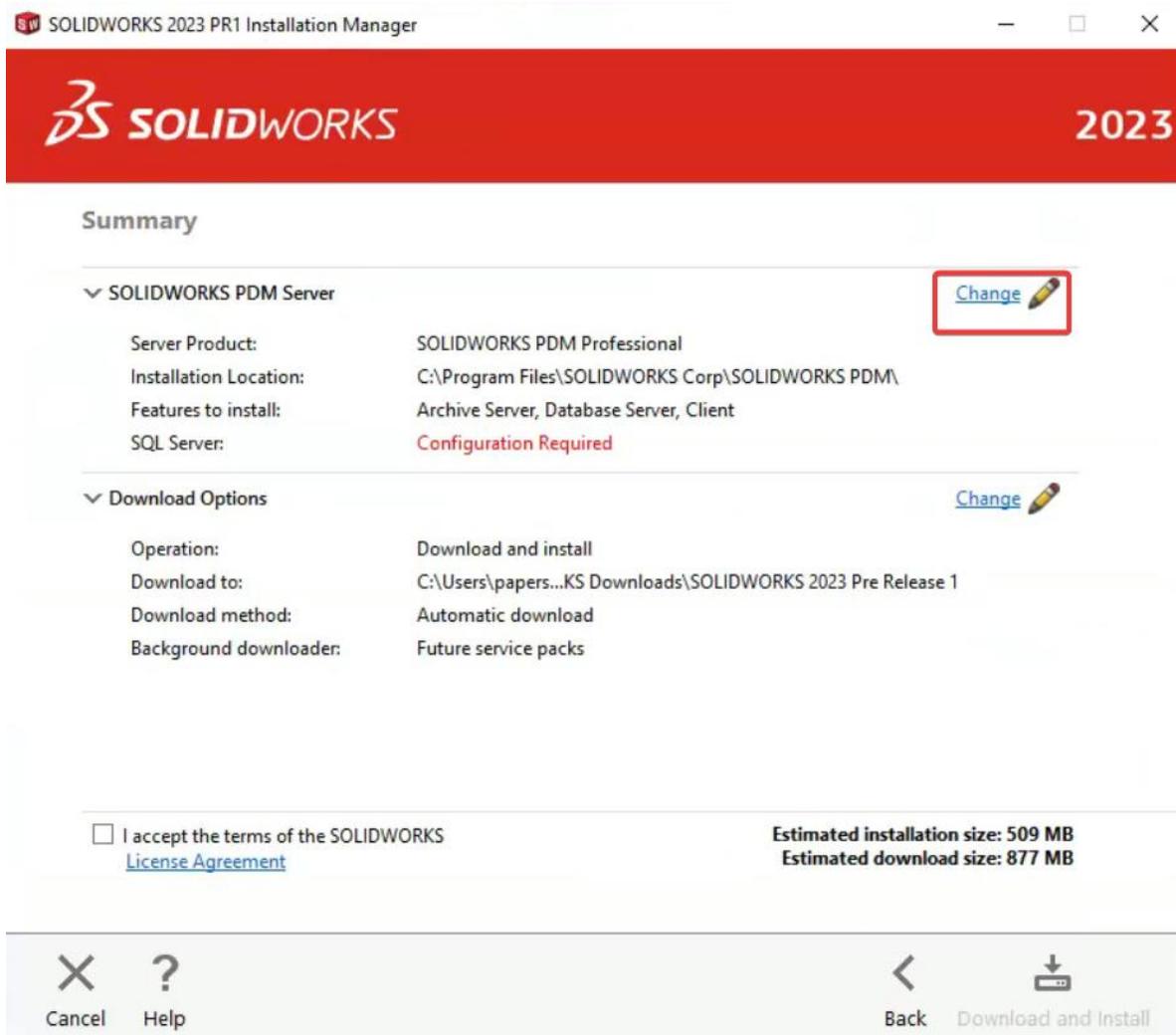
Hardware	
Processor	64-bit; Intel or AMD
RAM	16 GB or more PDM Contributor/Viewer or Electrical Schematic: 8 GB or more
Graphics	<a href="#">Certified cards and drivers</a>
Drives	SSD drives recommended for optimal performance

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

	SOLIDWORKS 2021 (EDU 2021-2022)	SOLIDWORKS 2022 (EDU 2022-2023)	SOLIDWORKS 2023 (EDU 2023-2024)
<b>Hypervisors</b> (Virtual Environments)			
VMware vSphere ESXi	6.7 U3	7.0 U3c	To be announced
VMware Workstation	15.5	16.2.3	To be announced
Microsoft Hyper-V	2019	2019	To be announced
Parallels Desktop, Mac	16.0	17.1.2	To be announced
Citrix XenServer	8.2	8.2 CU1	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".



SOLIDWORKS 2023 PR1 Installation Manager

**SOLIDWORKS** 2023

### Summary

▼ SOLIDWORKS PDM Server [Change](#)

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

▼ Download Options [Change](#)

Operation:	Download and install
Download to:	C:\Users\papers...KS Downloads\SOLIDWORKS 2023 Pre Release 1
Download method:	Automatic download
Background downloader:	Future service packs

I accept the terms of the SOLIDWORKS [License Agreement](#)

Estimated installation size: 509 MB  
Estimated download size: 877 MB

Cancel Help Back Download and install



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 2023 PR1 Installation Manager" window. The title bar includes the SolidWorks logo and the text "SOLIDWORKS 2023 PR1 Installation Manager". The main content area has a red header with the SolidWorks logo and "2023". Below the header, the window is titled "SOLIDWORKS PDM Server" and contains several sections:

- Select Server Product:** Two radio buttons are present: "SOLIDWORKS PDM Standard" (selected) and "SOLIDWORKS PDM Professional".
- Installation Location:** A text box contains "C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\" and a "Browse..." button.
- Select Features:** Three checked checkboxes are shown: "Archive Server", "Database Server", and "Client".
- SQL Server:** A "Name:" label is followed by a text box containing "localhost\SWPDM" and a "Browse..." button. Below this, two radio buttons are shown: "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 is a navigation bar with 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 2023 PR1 Installation Manager' window. The title bar includes the SolidWorks logo and window controls. The main header is red with the SolidWorks logo and '2023'. The 'Download Options' section asks 'What do you want to do?' with three radio button options: 'Download and install' (selected), 'Download only', and 'Install only, I already have all the installation files needed.'. Below this, it asks 'Where do you want to download the required files?' with a text field containing 'C:\Users\papers...KS Downloads\SOLIDWORKS 2023 Pre Release 1' and a 'Browse...' button. The 'Estimated download size' is 877 MB (1.8 GB total disk space needed). Under 'Additional options', there are two checkboxes: 'Use the background downloader for future service packs' (checked) and 'Conduct manual download - Use this option if you have trouble downloading automatically.' (unchecked). The bottom bar contains '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.