

# How To Install PDM Standard Server 2022

TITLE:	How To Install PDM Standard Server 2022
DATE:	September 2021
SUBJECT:	PDM server install
ABSTRACT:	Comprehensive guide on installing the PDM Server for SOLIDWORKS 2022



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 Windows Server 2016. 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.

This document is only to be distributed and used by Hawk Ridge Systems customers. Any other use is prohibited.

## 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 [minimum system requirements](#) for the products you are installing.

Below are the primary operating system and software requirements for SOLIDWORKS PDM 2022 server components.

	SOLIDWORKS 2020 (EDU 2020-2021)	SOLIDWORKS 2021 (EDU 2021-2022)	SOLIDWORKS 2022 (EDU 2022-2023)
<b>Server Products</b> (e.g. SOLIDWORKS PDM)			
Windows Server 2022	✗	✗	To be announced
Windows Server 2019	✓	✓	✓
Windows Server 2016	✓	✓	✓
<b>MS SQL</b>			
SQL 2019	✓	SQL 2019 <b>CU4 required</b>	SQL 2019 <b>CU4 required</b>
SQL 2017	✓	✓	✓
SQL 2016	✓	✓	✓
SQL 2014	SQL 2014 <b>SP3 required</b>	SQL 2014 <b>SP3 required</b>	✗

Below are the basic hardware requirements for a SOLIDWORKS PDM 2022 server.

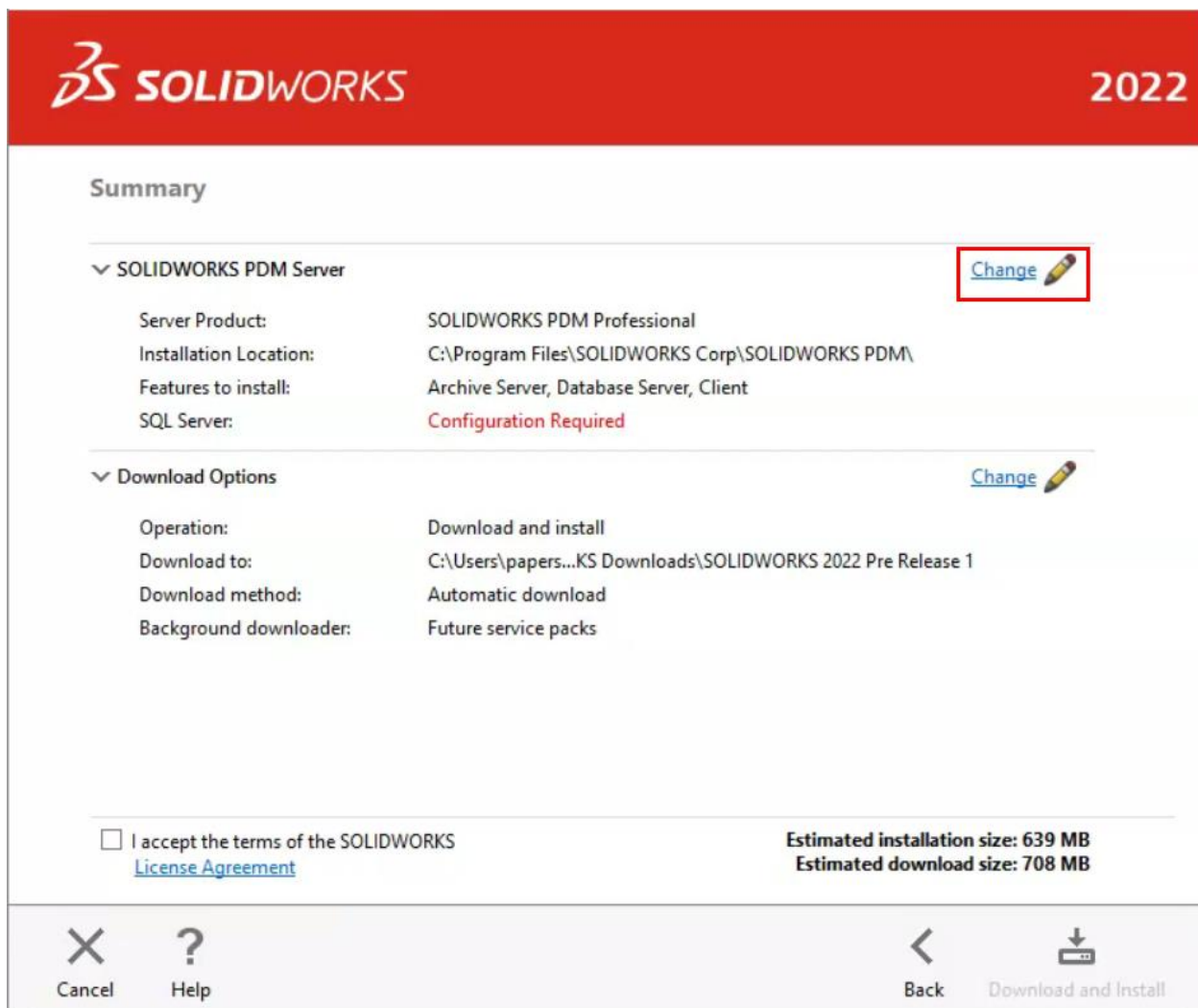
<b>Hardware</b>	
Processor	3.3 GHz or higher
RAM	16 GB or more PDM Contributor/Viewer or Electrical Schematic: 8 GB or more
Graphics Card	Certified cards and drivers
Drives	SSD drives recommended for optimal performance

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

	SOLIDWORKS 2020 (EDU 2020-2021)	SOLIDWORKS 2021 (EDU 2021-2022)	SOLIDWORKS 2022 (EDU 2022-2023)
<b>Hypervisors</b> (Virtual Environments)			
VMware vSphere ESXi	6.7	6.7 U3	To be announced
VMware Workstation	15	15.5	To be announced
Microsoft Hyper-V	2019	2019	To be announced
Parallels Desktop, Mac	14	16.0	To be announced
Citrix XenServer	7.6	8.2	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 2022 installation summary screen. The top bar is red with the SOLIDWORKS logo and the year 2022. Below the bar, the "Summary" section is divided into two main categories: "SOLIDWORKS PDM Server" and "Download Options".

**SOLIDWORKS PDM Server** (Change icon highlighted with a red box):

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 icon):

Operation:	Download and install
Download to:	C:\Users\papers...KS Downloads\SOLIDWORKS 2022 Pre Release 1
Download method:	Automatic download
Background downloader:	Future service packs

At the bottom, there is a checkbox for "I accept the terms of the SOLIDWORKS License Agreement" (with a link to the agreement), and the estimated installation size (639 MB) and estimated download size (708 MB). The bottom navigation bar includes "Cancel", "Help", "Back", and "Download and Install" 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.

**SOLIDWORKS PDM Server** 2022

▼ Select Server Product

- SOLIDWORKS PDM Standard
- SOLIDWORKS PDM Professional

▼ Installation Location

C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\

▼ Select Features

- Archive Server
- Database Server
- Client

▼ SQL Server

Name: localhost\SWPDM

- Install new instance of SQL Server Express
- Use an existing SQL Server Express database

Enter SQL login of a user with at least 'db\_owner' access to the SOLIDWORKS PDM databases



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 2022 installation interface. At the top, the SolidWorks logo and '2022' are displayed on a red background. Below this, 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.' The next section asks 'Where do you want to download the required files?' with a text field containing 'C:\Users\papers...KS Downloads\SOLIDWORKS 2022 Pre Release 1' and a 'Browse...' button. Below that, it states 'Estimated download size: 708 MB (1.5 GB total disk space needed)'. The 'Additional options' section has two checkboxes: 'Use the background downloader for future service packs' (checked) and 'Conduct manual download - Use this option if you have trouble downloading automatically.' At the bottom, there are three buttons: 'Cancel' (with an X icon), 'Help' (with a question mark icon), and 'Back to Summary' (with a left arrow icon).

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, that should be followed accordingly. After this is finished, the PDM Standard server installation is complete.