

PDM System Requirements

System hardware and operating system requirements for SolidWorks Enterprise Product Data Management (PDM) and SolidWorks Workgroup PDM.

For the SolidWorks, Simulation, and eDrawings requirements, [click here](#).

SolidWorks Enterprise PDM

Client	Minimum	Recommended
SolidWorks Enterprise PDM (CAD Editor)		
Processor	Intel Pentium 4, 1.7GHz	Intel Core2 Duo, 1.8GHz
RAM	512 MB	2 GB
Hard drive (Free space)	512 MB	20 GB
Operating system	Windows XP SP2	Windows XP SP2
Internet browser	Microsoft Internet Explorer 6 SP1	Microsoft Internet Explorer 6 SP2

SolidWorks Enterprise PDM Contributor/Contributor Web and SolidWorks Enterprise PDM Viewer

Processor	Intel Pentium 4, 1.7GHz	Intel Core2 Duo, 1.8GHz
RAM	512 MB	1 GB
Hard drive (Free space)	256 MB	10 GB
Operating system	Windows XP SP2	Windows XP SP2
Internet browser	Microsoft Internet Explorer 6 SP1	Microsoft Internet Explorer 6 SP2

Server

Archive	Minimum	Recommended
Processor	Intel Pentium 4, 1.7GHz	Quad Core Intel Xeon, 1.6GHz
RAM	1 GB	2 GB
Hard drive (Free space)	10 GB	200 GB
Operating system	Windows 2003 Server SP1 or higher	Windows 2003 Server SP1 or higher

Database

Processor	Intel Xeon, 2.6GHz	Quad Core Intel Xeon, 2.0GHz
RAM	2 GB	4 GB
Hard drive (Free space)	10 GB	100 GB
Operating system	Windows 2003 Server SP1	Windows 2003 Server SP1
Database Server	Microsoft SQL Server 2005 SP2	Microsoft SQL Server 2005 SP2

Web

Processor	Intel Xeon, 2.6GHz	Quad Core Intel Xeon, 2.0GHz
RAM	1 GB	3 GB
Operating system	Windows 2003 Server SP1 and Internet Information Services (IIS)	Windows 2003 Server SP1 and Internet Information Services (IIS)

Notes:

- The SolidWorks Enterprise PDM server components can run on workstations running XP, but in a production environment, SolidWorks Corporation [requires](#) the use of a server-specific operating system.
- The minimum requirement is an absolute minimum. SolidWorks Corporation cannot guarantee system performance or behavior for installations running on configurations not meeting the minimum recommended levels.
- The hard drive requirements are solely dependent on the size of data stored in the system. Therefore, the actual requirements can exceed the values in this recommendation.
- The recommended configuration is based on a typical installation with approximately 20 users and approximately 60,000 stored documents.
- Prerequisites for installing any SolidWorks Enterprise PDM component are Windows Installer 3.1, MSXML 6, and Microsoft SQL Server 2005 SQL_DMO backward-compatibility drivers. These are automatically installed when running the SolidWorks Enterprise PDM setup. Client also has a prerequisite of Microsoft .Net 3 Framework.
- If using an administrative install image for client deployment, these components will not be installed automatically.
- As the Database Server of SolidWorks Enterprise PDM runs on SQL server, we do not recommend installing any instances of other applications on the database server.
- Note that client, database and archive server support both 32 and 64 bit operating systems, but web server currently supports 32 bit operating systems only.
- Starting with SolidWorks Enterprise PDM 2009 the product will only be available on DVDs.
- Windows 2003 Small Business Server Edition is not supported. Installation is blocked for SolidWorks Workgroup PDM Vault.

SolidWorks Workgroup PDM Vault:

The CPU, Other, and Network requirements listed above plus the following:

Microsoft Windows XP Professional or Windows Server 2003® (recommended)

- Minimum: 512 MB RAM or greater, Recommended: 2GB
- Minimum: 50 GB hard drive, Recommended: 100GB
(requirements vary based on number of files, size of files, and number of revisions)

SolidWorks Workgroup PDM Viewer:

SolidWorks Workgroup PDM Vault server requirements plus the following:

API Triggers

- Microsoft Message Queuing (MSMQ)
- Microsoft Message Queuing Triggers

Web Portal

- Microsoft Internet Information Services (IIS) 5.1 or later