GSC

SERVER SPECIFICATIONS	SOLIDWORKS RECOMMENDED			GSC RECOMMENDED INDIVIDUAL PDM PROFESSIONAL SERVER COMPONENTS ON SEPARATE SERVER HARDWARE (>15 CONCURRENT USERS)	GSC RECOMMENDED PDM ARCHIVE & DATABASE SERVER COMPONENTS ON SINGLE SERVER HARDWARE (<15 CONCURRENT USERS)
ARCHIVE SERVER & DATABASE SERVER COMPONENTS					
PROCESSOR	3.3 GHz or HIGHER			Quad Core Intel Xeon 3.3 GHz or higher	Quad Core Intel Xeon, Max CPU
RAM	16GB or more (ECC RAM recommended)			16GB minimum per server	32GB or more
HARD DRIVE(S) FREE SPACE	SSD drives recommended for optimal performance			Approximately 1TB, RAID 6/10 (depending on dataset size and amount of future growth)	Approximately 1TB, RAID 6/10 (depending on dataset size and amount of future growth)
OPERATING SYSTEM	**PDM 2021**	**PDM 2022**	**PDM 2023**		
WINDOWS SERVER 2022	X	✓ (SW 2022 SP2)	✓	Windows Server 2022 or 2019	Windows Server 2022 or 2019
WINDOWS SERVER 2019	✓	✓	✓		
WINDOWS SERVER 2016	✓	✓	✓ (End of Life: SW 2023)		
DATABASE	**PDM 2021**	**PDM 2022**	**PDM 2023**		
SQL 2019	✓ CU4 REQUIRED	✓ CU4 REQUIRED	✓ CU4 REQUIRED	SQL Server Standard and CALs (Client Access License) must be purchased separately for PDM CAD Editor, Contributor, & Viewer Licenses	SQL Server Standard and CALs (Client Access License) must be purchased separately for PDM CAD Editor, Contributor, & Viewer Licenses
SQL 2017	✓	✓	✓ (End of Life: SW 2024)		
SQL 2016	✓	✓	✓ (End of Life: SW 2023)		
SQL 2014	✓ SP3 REQUIRED	X	X		
WEB 2 SERVER (PDM PROFESSIONAL ONLY)					
PROCESSOR	Intel or AMD 64-bit with SSE2 support			Quad Core Intel Xeon 2.8GHz	Quad Core Intel Xeon 2.8GHz
RAM	4 GB or more			6 GB	6 GB
HARD DRIVE(S) FREE SPACE	5 GB or more			100 GB	100 GB
OPERATING SYSTEM	**PDM 2021 WEB2**	**PDM 2022 WEB2**	**PDM 2023 WEB2**		
WINDOWS SERVER 2022 & INFORMATION SERVICES (IIS)	X	✓ (SW 2022 SP2)	✓	Windows Server 2022 or 2019 with Internet Information Services (IIS)	Windows Server 2022 or 2019 with Internet Information Services (IIS)
WINDOWS SERVER 2019 & INFORMATION SERVICES (IIS)	✓	✓	✓		
WINDOWS SERVER 2016 & INFORMATION SERVICES (IIS)	✓	✓	✓ (End of Life: SW 2023)		

1. SOLIDWORKS recommends using a Windows Server operating system for all SOLIDWORKS server-based products.

2. The hard drive space requirements are solely dependent on the size of data stored in the system. Therefore, the actual requirements can exceed the values in recommendation

3. As the Database Server of SolidWorks PDM Professional runs on SQL server, it is not recommended installing any instances of other applications on the database server.
For PDM Professional, it is also recommended that the Archive and Database Servers are two separate, dedicated machines for user counts exceeding 15 users.

4. Windows