Installing MSSQL 2022 Express

• You will need to be an administrator on your PC for this install. To be done if your organization does not already utilize a SQL server. Inquire with your organization's IT department DBA team for more details.

SQL Express 2022 requires two main components to install. The main SQL component as well as SQL Management Studio (SSMS)

First, we need to download the components.

From the computer you desire to install MSSQL Express go to: <u>https://www.microsoft.com/en-us/download/details.aspx?id=104781</u>

download the main SQL component. "Microsoft will update this over time so please download the latest version.

Microsoft® SQL Server® 2022 Express

		Microsoft® SQL Server® 2022 Express is a powerful and reliable free data management system that delivers a rich and reliable data store for lightweight Web Sites and desktop applications.							
		Important! Selecting a language below Select language	w will dynamically change the cor	nplete page content to that language.					
xpa	and all <u>Collapse all</u>								
>	Details								
	Version: 16.0.1000.6		Date Published	d:					
	File Name: SQL2022-SSEI-Expr.exe	3	File Size: 4.1 MB						

Next, we need Microsoft SQL Management Studio (SSMS).

Please go here:

https://learn.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sqlserver-ver16

Download SSMS

 \frown Free Download for SQL Server Management Studio (SSMS) 19.1 tr



SSMS 19.1 is the latest general availability (GA) version. If you have a *preview* version of SSMS 19 installed, uninstall it before installing SSMS 19.1. If you have SSMS 19.x installed, installing SSMS 19.1 upgrades it to 19.1.

- Release number: 19.1
- Build number: 19.1.56.0
- Release date: May 24, 2023

Both files should now be downloaded:



Installing SQL Server Main Component.

r → This PC → Downloads			✓ Č
Name	Date modified	Туре	Size
✓ Today (2) SSMS-Setup-ENU.exe	10/26/2023 11:57 AM	Application	644 163 KB
SQL2022-S Open SQL2022-S Open	10/05/2020 11 11 AM	Application	4,191 KB

Right click SQL2022-SSEI-EXPR.exe and select run as administrator.

Select YES if prompted

User Account Control	×
changes to your device?	
SQL Server 2022	
Verified publisher: Microsoft Corporation File origin: Hard drive on this computer	
Show more details	
Yes No	

Select Custom Install:

Basic	Custom	Download Media
Select Basic installation type to install the SQL Server Database Engine feature with default configuration.	Select Custom installation type to step through the SQL Server installation wizard and choose what you want to install. This installation type is detailed and takes longer than running the Basic install.	Download SQL Server setup files now and install them later on a machine of your choice.

You may browse to select to save the component to a different folder location or just press install to start with the default location as it looks below.



This may take some time to download.



Once finished you will receive a screen shown below. Select the top option with red arrows.



Accept License and then press next:

髋 SQL Server 2022 Setup	- 🗆 X
License Terms To install SQL Server 2022, you License Terms	must accept the Microsoft Software License Terms.
Global Rules Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	SQL Server 2022 Express Edition YOU MUST ACCEPT THE SOFTWARE LICENSE TERMS. SEE BELOW. Please read the full license terms provided at (aka.ms/useterms). DATA COLLECTION. The software may collect information about you and your use of the software and send that to Microsoft. Microsoft may use this information to provide services and improve Microsoft's products and services. Your opt-out rights, if any, are described in the product documentation. Some features in the software may enable collection of data from users of your applications that access or use the software. If you use these features to enable data collection in your applications, you must comply with applicable law, including getting any required user consent, and maintain a prominent privacy policy that accurately informs users about how you use, collect, and share their data. You can learn more about Microsoft's data collection and use in the product documentation and the Microsoft Privacy Statement at https://go.microsoft.com/fwlink/2l.inkld=521820. You agree to comply with all
	< Back Next > Cancel

Click next again when prompted about Microsoft Updates.

When prompted for Install Rules, select next.



Uncheck when prompted about Microsoft Azure and select Next.

髋 SQL Server 2022 Setup	-			-	-		×
Azure Extension for SC	L Server						
Azure Extension for SQL Server	is required to enable Microsoft Defende	er for Cloud, Purvie	w, and Azure Act	ive Directory.			
License Terms Global Rules Microsoft Updates Install Setup Files Install Rules Azure Extension for SQL Serv Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	 Azure Extension for SQL Server Use Azure Login Use Service Principal Azure Service Principal ID* Azure Service Principal Secret* Azure Subscription ID* Azure Resource Group* Azure Region* Azure Tenant ID* Proxy Server URL (optional) 	To install Azure ex account or a servi instance to Azure. Resource Group, f registered. For mo https://aka.ms/arc	tension for SQL S ce principal to au You also need to Region, and Tenar re information fo sql-server.	erver, provide yc thenticate the Sc provide the Sub ti ID where this i r each paramete	our A QL Se sscrip nstan r, visi	zure river river ition ID, ce will b it	e
			< Back	Next >		Cance	J

Select Next again when prompted for feature selection:

📸 SQL Server 2022 Setup			– 🗆 X
Feature Selection Select the Express features to in	stall.		
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Database Engine Configuration Peature Configuration Database Engine Configuration Feature Configuration Pathere Configuration Feature Configuration		n vices and Language Ext ic Extractions for Search te for External Data	m the web Feature description: The configuration and operation of each instance feature of a SQL Server instances is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on the same computer. Prerequisites for selected features: Already installed: Mindows PowerShell 3.0 or higher To be installed from media: Microsoft Visual C++ 2017 Redistributable Microsoft Visual C++ 2017 Redistributable Microsoft Visual C++ 2017 Redistributable Microsoft Visual C++ 2017 Redistributable Microsoft MPI v10 Disk Space Requirements Drive C: 1840 MB required, 830725 MB
	Select All Unselect All Instance root directory: Shared feature directory: Shared feature directory (x86):	C:\Program Files\Mic C:\Program Files\Mic C:\Program Files (x86	

For instance configuration, you may leave it at the default SQLExpress for the Named instance/Instance ID or change it to what you wish. We will leave it at the default for this tutorial. Select Next.

髋 SQL Server 2022 Setup					-		×
Instance Configuration Specify the name and instance	1 e ID for the instance of SC	QL Server. Instance ID b	ecomes part o	of the installation pa	th.		
License Terms Global Rules Microsoft Update	 Default instance Named instance: * 	SQLExpress					
Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules	Instance ID:	SQLEXPRESS					
	SQL Server directory:	C:\Program Files\Mic	rosoft SQL Ser	ver\MSSQL16.SQLE	XPRESS		
Instance Configuration Server Configuration Database Engine Configuration	Instance Name	Instance ID	Features	Edition	Ve	ersion	
Feature Configuration Rules Installation Progress Complete							
				< Back	Next >	Cance	4

Select Next when prompted about Server Configuration.

For Database Engine Configuration it will show your PC Name and Currently signed in account below as the default administrator for this SQL instance. More administrators can be added later. Press Next to Continue.

🏗 SQL Server 2022 Setup	-		\times
Database Engine Confi	guration		
Specify Database Engine authe parallelism, Memory limits, and	ntication security mode, administrators, data directories, TempDB, Max degree of Filestream settings.		
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Server Configuration Data Directories TempDB Memory User Instances FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode Image: Comparison of the Comparison of the Database Engine. Authentication Mode Image: Comparison of the C	ricted	
	< <u>B</u> ack <u>N</u> ext >	Cancel	I

Installation will start. This will take some time depending on system speed.

🃸 SQL Server 2022 Setup			-		×
Installation Progress					
License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Database Engine Configuration Feature Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Running package: conn_info_loc : Remov	ing applications			
			Next >	Cancel	

Once finished installing, you may be prompted to restart your computer. Please do so, completing the first part of this installation guide.

	📸 SQL Server 2022 Setup		– – ×
Ne	Complete Your SQL Server 2022 installa	tion completed successfully with product updates.	
Lau fea Lau inti Lau SQ Inti Up Lau Up	License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Azure Extension for SQL Server Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Information about the Setup operation or possible next Feature Feature Actine Learning Services and Language Extensi Database Engine Services SQL Server Replication SQL Browser SQL Writer Setup Support Files Details: Install successful. Summary log file has been saved to the following locati C\Program Files\Microsoft SQL Server\160\Setup Boot \Summary.ilmbrowniii. 20231026.121556.txt	t steps: Status Succeeded Succ
l	Computer res	tart required or more affected files have operations pending. You must res cess is completed.	itart your computer after the setup
	🖹 Copy m	essage	ок

Installing Microsoft SQL Management Studio (SSMS)

Please right click SSMS-Setup-ENU.exe and run as administrator selecting YES if prompted.



You may change the default installation location or select Install to continue.



Once complete select close.



SQL is now installed. You may start SQL Management Studio.



♀ sql server management Studio Management Studio 19

Default information based on your computer name and signed on account should be shown on screen, you can just press connect to sign into the SQL instance.

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Object Explore · · 부 × Connect · 부 '부 표 또 승 ~			×	
	Server type:	SQL Server		
Server name Authenticatio User name Passwort		YourComputerName/SQLEXPRESS Windows Authentication \CompX E-Lock Support	v v	
		Connect Cancel Help Options	***	
☐ Ready				

SQL is now up and running and you may now use it to configure with Lockview 5.

