

Microsoft SQL Server 2017 Installation Instructions

Students are eligible to download Microsoft SQL software from Microsoft imagine web site.

<https://e5.onthehub.com/WebStore/Security/Signin.aspx?ws=1c665421-ac8b-e011-969d-0030487d8897>

You may download even Microsoft SQL Server 2017 Enterprise Edition free of charge.

However, when considering the performance overhead, it is recommended to install Microsoft SQL Server 2017 Express Edition. It is a free version of Microsoft SQL Server.

Microsoft SQL Server Express supports 1 physical processor, 1 GB memory, and 10 GB storage and adequate for learning purposes and application development. **Please note that this instruction covers only the installation of Express Edition.**

Your PC need to have following requirements:

Operating System

Windows 10 , Windows 8, or Windows 8.1

Processor

Intel - compatible processor with a minimum speed of 1 GHz or a faster processor

RAM

Minimum 512MB

Hard Disk Space

4.2 GB of Disk Space

Note: You must install both **SQL Server** and **SQL Server Management Studio**. SQL Server is the server containing your Database Engine (where your databases will be stored). SQL Server Management Studio is the software/interface used to execute queries in order to interact with your databases.

The **SQL SERVER 2017** software can be downloaded from:

<https://www.microsoft.com/en-us/download/details.aspx?id=55994>

Scroll down to find the download button, make sure the language selected is English.

Microsoft® SQL Server® 2017 Express

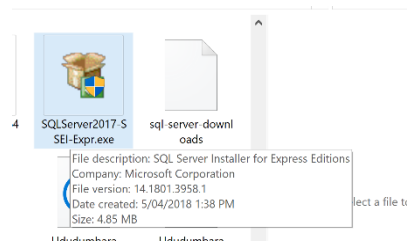
Important! Selecting a language below will dynamically change the complete page content to that language.

Select Language:

Microsoft® SQL Server® 2017 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.

[+ Details](#)

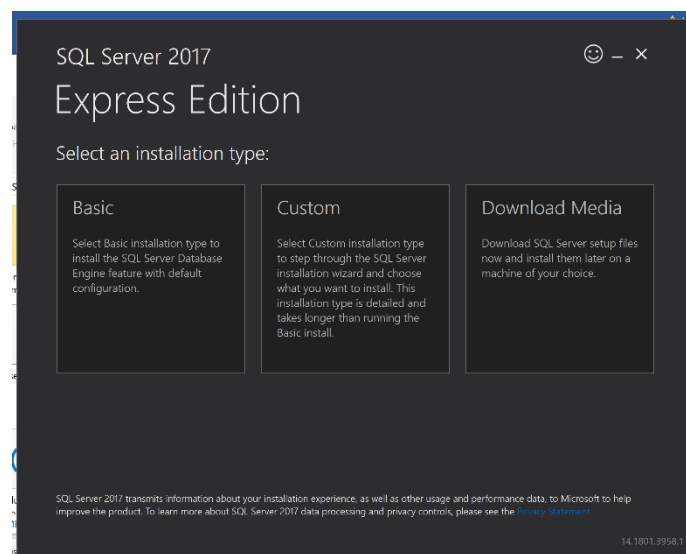
Find the downloaded file SQLServer2017-SSEI-Expr.exe (most probably in your Download directory) and click it.



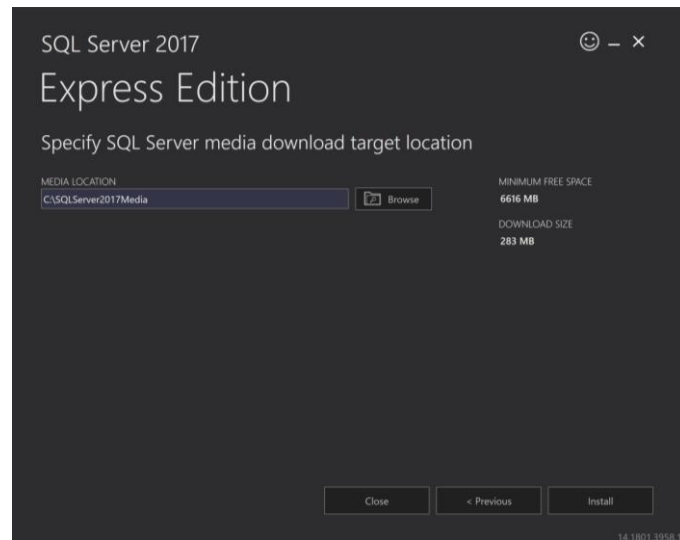
Allow the program to make changes in your PC by clicking the 'Yes' button if you get this notification.



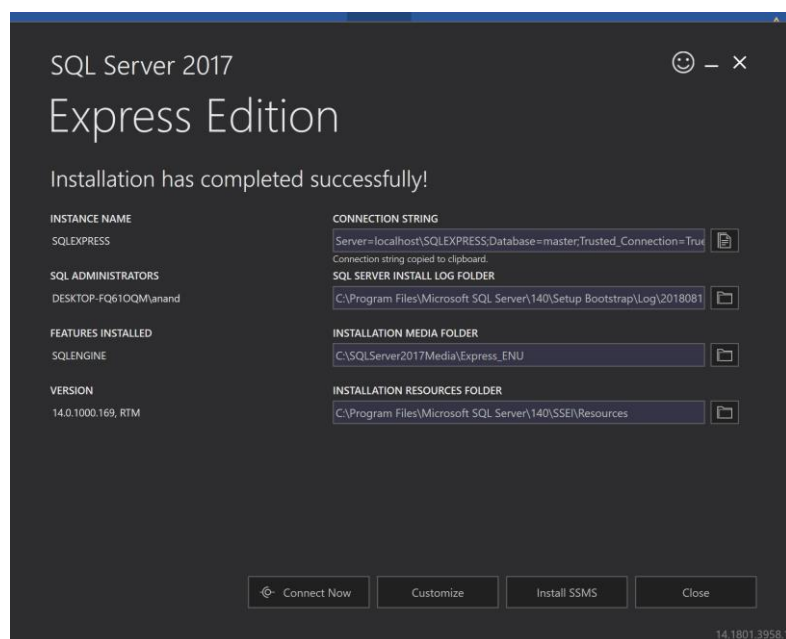
Select Basic installation from the next screen by clicking the Basic button.



Click Install in the next screen.



After sometime installation of SQL Server 2017 will be completed.




If needed you can customise the installation but it is not necessary. **Now you can install SQL Server Management Studio 2017 from the above screen by clicking Install SSMS.** It will then open up a link to download the software. After that close the screen.

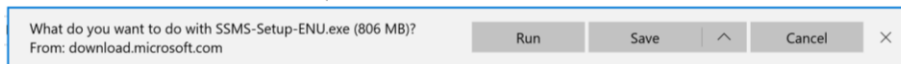
Optionally download the program from here:

<https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-2017>

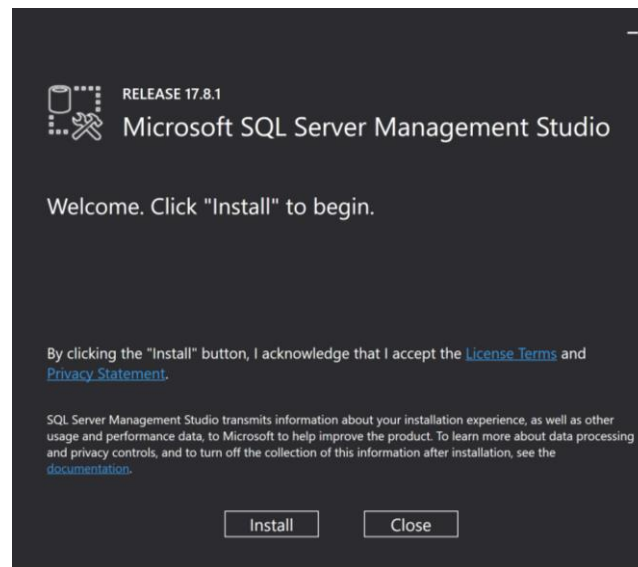
Download the following version by clicking it.

 [Download SQL Server Management Studio 17.8.1](#) (no previous version of SSMS 17.x is required on the computer)

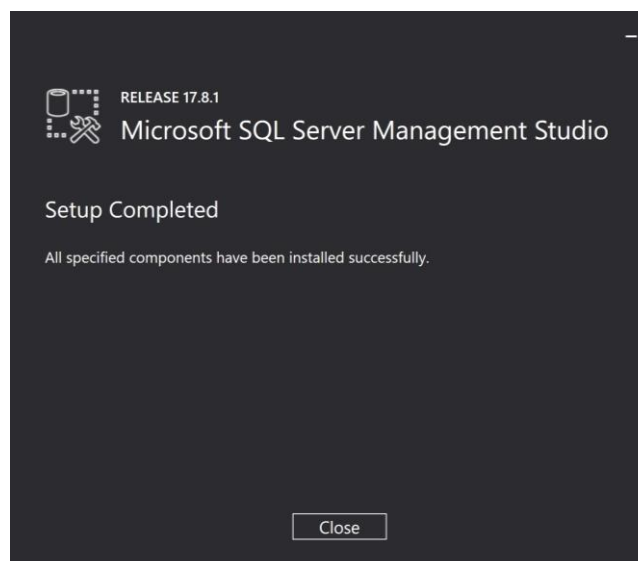
Click Run on the following or similar pop-up box.



Downloading can take a few minutes.



It takes sometime to install and after completing the set up close the program



Open Microsoft SQL Management Studio 2017 and connect to the default database using Windows Authentication.

Note: If you are concerned about performance you may be able to install Localdb database engine using Custom setup of SQL Server Express. You may also omit services such as replications when you install the server.

Localdb does not run as a windows service in the background; It starts the database engine on demand.