Manual SQL Server 2012 Installation

This document will help you install a Microsoft SQL Server Express 2012 Service Pack 1 on your local machine manually.

The goal is to end up with a SQL Server Instance, which will provide the programs made by AgroSoft A/S with the opportunity to create databases.

You must have administrative rights on your local machine in order to complete the installation.

If for some reason the Setup fails during the installation process, an error log can be found at the following location on your local machine:

C:\Programmer\Microsoft SQL Server\110\Setup Bootstrap\Log\

To begin the installation, find and run the appropriate SQL Server installer. There is one for Windows 32 bit called **SQLEXPR32_x86_ENU.exe** and one for Windows 64 bit called **SQLEXPR_x64_ENU.exe**. They are both on the AgroSoft CD in the following folder:

.\Installers\Prerequisites\Microsoft SQL Server 2012 Express Service Pack 1\[32bit / 64bit]\

If the SQL Server installer will not start because of missing prerequisites, try installing .Net Framework and / or Windows Installer. They can be found on the AgroSoft CD here:

.\Installers\Prerequisites\Microsoft .NET Framework 3.5 Service Pack 1\ .\Installers\Prerequisites\Microsoft Windows Installer 4.5\[32bit / 64bit]\

If the prerequisites for the SQL Server is installed on your local machine, the following SQL Server Installation Center window appears.



Choose Installation to the left and afterwards choose New SQL Server stand-alone installation or add features to an existing installation to the right.

You now need to read and accept the license terms.

髋 SQL Server 2012 Setup	
License Terms To install SQL Server 2012, you	a must accept the Microsoft Software License Terms.
License Terms Product Updates Install Setup Files	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2012 EXPRESS These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft • updates, • supplements, • Internet-based services, and • support services
	Copy Print I accept the license terms. Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components. See the Microsoft SQL Server 2012 Privacy Statement for more information.
	< Back Next > Cancel

If you accept the terms, put a check mark in the **I accept the license terms** check box.

You are now ready to install the latest updates for SQL Server 2012.

🐮 SQL Server 2012 Setup			
Product Updates			
Always install the latest update	s to enhance your SQL Server security	and performance.	
License Terms Product Updates	✓ Include SQL Server product upda	tes	
Install Setup Files	Name	Size (MB)	More Information
	SQL Server 2012 SP1 GDR Produc	145	KB 2793634
	SQL Server 2012 SP1 GDR Setup	26	KB 2793634
	The Setup updates (26 MB) will be in Read our privacy statement online Learn more about SQL Server produ	nstalled when you click Next. <u>ct updates</u>	
		< Ba	ack Next > Cancel

Now the setup files are being installed.

📸 SQL Server 2012 Setup			- • •
Install Setup Files			
SQL Server Setup will now be i update will also be installed.	nstalled. If an update for SQL Server Setup	is found and specified to be included, the	
License Terms			
Product Updates Install Setup Files	Update is being extracted.		
	Task	Status	
	Scan for product updates	Completed	
	Download Setup files	Completed	
	Extract Setup files	In Progress	
	Install Setup files	Not started	
		< Back Install	Cancel

Now you have to choose which SQL Server features you wish to install.

Only the **Instance** feature **Database Engine Services** are required by AgroSoft programs.



Put a check mark in the **Database Engine Services** check box. Uncheck the others.

Now you have to give the SQL Server **Instance** a name.

Any name can be used, as long as it does not exceed 16 characters. Setup sets the default name to **SQLEXPRESS**, but AgroSoft uses the name **AGROSOFT_SQLEXPR** as default.

A new installation of an AgroSoft program (WinPig.Net, WinOpti.Net etc.) tries during startup to connect to the SQL Server via the **AGROSOFT_SQLEXPR Instance**. If the AgroSoft program can't find that particular **Instance**, a window will be displayed to the user, where he can change the **Instance** name to the one chosen during the SQL Server installation.

🏗 SQL Server 2012 Setup					- • •
Instance Configuration	1				
Specify the name and instance	ID for the instance of SQL	Server. Instance	ID becomes part of t	he installation path.	
Setup Support Rules	Default instance				
Feature Selection Installation Rules	Named instance:	AGROSOFT_S	QLEXPR		
Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress	Instance ID: Instance root directory:	AGROSOFT_S	QLEXPR les\Microsoft SQL Ser	ver\	
	SQL Server directory: Installed instances:	C:\Program Fil	es\Microsoft SQL Serv	ver\MSSQL11.AGROSO	FT_SQLEXPR
	Instance Name I	Instance ID	Features	Edition	Version
			< Back	Next > Can	cel Help

Click on the Named instance button and type in AGROSOFT_SQLEXPR.

In the **Server Configuration** window nothing should be changed.

📸 SQL Server 2012 Setup					• ×
Server Configuration Specify the service accounts and	l collation configuration.				
Setup Support Rules Feature Selection Installation Rules	Service Accounts Collation Microsoft recommends that you	use a separate account for each	SQL Server serv	ice.	
Instance Configuration	Service	Account Name	Password	Startup Type	2
Disk Space Requirements	SQL Server Database Engine	NT Service\MSSQL\$AGR		Automatic	•
Server Configuration	SQL Server Browser	NT AUTHORITY\LOCAL		Disabled	-
Error Reporting Installation Configuration Rules Installation Progress Complete					
		< Back Next :	> Can	cel He	lp

Now you need to configure the Database Engine.

Make sure **Windows authentication mode** is selected (it should be as default) and that you are added as a SQL Server Administrator.

When you press the button **Add Current User**, you will be added to the SQL Server administrator list and granted unrestricted access to the Database Engine.

🐮 SQL Server 2012 Setup		
Database Engine Config	guration	
Specify Database Engine authen	ntication security mode, administrators and data directories.	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Server Configuration Data Directories User Instances FILESTREAM Specify the authentication mode and administrators for the Database Engine. Authentication Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode Image: Configuration Mode <t< th=""><th>dministrators icted access ase Engine.</th></t<>	dministrators icted access ase Engine.
	Add current User Add Kemove	
	< Back Next > Cancel	Help

Select **Windows authentication mode** and press the **Add Current User** button if needed.

Now you are shown a plea from Microsoft to send them reports of your SQL Server use.

You do not have to if you do not want to.

髋 SQL Server 2012 Setup	
Error Reporting	
Help Microsoft improve SQL Se	rver features and services.
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Specify the information that you would like to automatically send to Microsoft to improve future releases of SQL Server. These settings are optional. Microsoft treats this information as confidential. Microsoft may provide updates through Microsoft Update to modify feature usage data. These updates might be downloaded and installed on your machine automatically, depending on your Automatic Update settings. See the Microsoft SQL Server 2012 Privacy Statement for more information. Read more about Microsoft Update and Automatic Update. Send Windows and SQL Server Error Reports to Microsoft or your corporate report server. This setting only applies to services that run without user interaction.
	< Back Next > Cancel Help

Setup is installing the SQL Server.

📸 SQL Server 2012 Setup	
Installation Progress	
Setup Support Rules Feature Selection Installation Rules Instance Configuration Disk Space Requirements Server Configuration Database Engine Configuration Error Reporting Installation Configuration Rules Installation Progress Complete	Creating servicing cache folder.
	Next > Cancel Help

Wait until it is done. This will take several minutes...

The installation is complete and some various information is displayed to you.

📸 SQL Server 2012 Setup			ĸ
Complete	an annual start successfully with an dust use		
Your SQL Server 2012 Installation	on completed successfully with product upo	ates.	
Setup Support Rules Feature Selection	Information about the Setup operation of	possible next steps:	
Installation Rules	Feature	Status	
Instance Configuration	🖉 Database Engine Services	Succeeded	
Dick Space Perguirements	SQL Browser	Succeeded	
Secure Configuration	SQL Writer	Succeeded	
	SQL Client Connectivity	Succeeded	
Database Engine Configuration	SQL Cheft Connectivity SDK	Succeeded	
Error Reporting			
Installation Configuration Rules			
Installation Progress	Details:		
Complete	Viewing Product Documentation for	or SQL Server	
	Only the components that you use to been installed. By default, the Help V SQL Server, you can use the Help Lit your local computer. For more informa < <u>http://go.microsoft.com/fwlink/?Linkl</u>	view and manage the documentation for SQL Server have ever component uses the online library. After installing rary Manager component to download documentation to ation, see <u>Use Microsoft Books Online for SQL Server</u> D=224683>.]
	Summary log file has been saved to the fo	llowing location:	
	C:\Program Files\Microsoft SQL Server\12 \Summary Virgin 20140403 113955.txt	.0\Setup Bootstrap\Log\20140403 113955	
		Close Help]

Press **Close** to end the installation.

You will be returned to the SQL Server Installation Center window. Close that by pressing the red close button in the window's upper right corner.

To make sure that your new SQL Server instance is running, open the **Sql Server Configuration Manager** which can be found here:

Start \rightarrow All programs \rightarrow Microsoft SQL Server 2012 \rightarrow Configuration Tools

Choose **SQL Server Services** on the left side and make sure that your new SQL Server instance is running on the right side.

🚡 Sql Server Configuration Manager 💼 💼				
Filer Handling Vis Hjælp				
 SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Native Client 11.0 Configuration (32bit) SQL Server Network Configuration SQL Server Network Configuration SQL Native Client 11.0 Configuration 	Name SQL Server Browser SQL Server (AGROSOFT_SQLEXPR) SQL Server Agent (AGROSOFT_SQLEXPR)	State Stopped Running Stopped		

Close the window by pressing the red close button in the window's upper right corner.