

Supported server-side configuration

Supported operating systems:

- Windows 7 Service Pack 1 (32bit or 64bit)
- Windows 8 or 8.1 (32bit or 64bit)
- Windows 10 (32bit or 64bit)
- Windows Server versions: 2008 R2 Service Pack 1, 2012, 2012 R2, 2016

We recommend that you install the following components on the computer where you want to run Kentico. If you do not install these components on your computer before installing Kentico, the Installer is capable of downloading and installing them or their suitable alternatives on its own (except for the Visual Studio built-in server). In such cases, your computer must be connected to the Internet.

- Microsoft .NET Framework [4.6](#) or [4.7](#).
- Microsoft Internet Information Services (see the table below) or Visual Studio 2015 built-in web server.
- Microsoft SQL Server 2008 R2, 2012, 2014, 2016, 2017 (including the free [SQL Server Express Edition](#)). The **collation** set for the SQL server **must be case-insensitive**.

Internet Information Services overview

The following table lists instructions on how to install different versions of IIS on different operating systems.

Internet Information Services version	Operating system	Details and installation instructions
IIS 7.0	Windows Vista	not supported
	Windows Server 2008	
IIS 7.5	Windows 7 SP1	IIS 7 Installation and Deployment
	Windows Server 2008 R2 SP1	
IIS 8.0	Windows 8	Installing IIS on Windows Server 2012
	Windows Server 2012	
IIS 8.5	Windows 8.1	Installing IIS 8.5
	Windows Server 2012 R2	
IIS 10	Windows 10	Same process as IIS 8+
	Windows Server 2016	


For the Kentico Installer to work correctly with your IIS, check that the following features are installed on your computer:

- On Windows 7 and Server 2008 R2 SP1: **ASP.NET**, **.NET Extensibility**, **ISAPI Extensions**, **ISAPI Filters** and **Static Content**
- On Windows 8/8.1 and Server 2012/2012 R2: **ASP.NET 4.5**, **.NET Extensibility 4.5**, **ISAPI Extensions**, **ISAPI Filters** and **Static Content**
- On Windows 10 and Server 2016: **ASP.NET 4.6** or **4.7**, **.NET Extensibility 4.6** or **4.7**, **ISAPI Extensions**, **ISAPI Filters** and **Static Content**

See [Configuring IIS for the installation of Kentico](#) for instructions.




Note: The application in IIS must use an *Application Pool* with *Managed Pipeline Mode* set to **Integrated**. Classic mode is not supported.

 The system may also work with other configurations. However, Kentico does not guarantee correct functionality for unsupported options.

Hosting requirements

Kentico has the following requirements when using a traditional hosting server (dedicated or shared):

- Supported server-side software configuration (see above)
- Full trust permissions for the ASP.NET application (hosting in a medium trust environment is not supported)
- Hosting plan parameters:
 - **Minimum:** 4 GB memory (RAM), 200 MB database size
 - **Recommended:** 8 GB memory, 1 GB database size

 **Note:** The recommended hosting parameters depend on the scale and implementation details of each project. Very large or heavily trafficked websites may have significantly higher requirements. For virtual hosting servers, the listed values refer to the memory capacity available for your web application, not the server's overall resources.

You can pick from the list of our [hosting partners](#).

Cloud hosting

Kentico fully supports the [Microsoft Azure](#) platform, including Azure SQL, Azure Storage, and other services.

Microsoft Azure SDK **2.9.5 or newer** is required for Azure Cloud Services. See [Requirements and limitations for running Kentico in Azure Cloud Services](#) for details.

Development tools

If you want to create custom web parts or integrate custom code, you need Visual Studio 2015 or 2017 (or the free [Visual Studio Express 2015 for Web](#)).

Kentico requires the [.NET Compiler Platform \("Roslyn"\)](#) compiler to run. Do not uninstall the default [Microsoft.CodeDom.Providers.DotNetCompilerPlatform](#) NuGet package from the Kentico web project.

Kentico administration interface requirements

Recommended resolution

The Kentico administration interface is optimized for the 1920x1080 resolution (also known as 1080p or Full HD). Kentico makes use of the resolution to display graph areas and other elements correctly. Using Kentico on lower resolutions may result in some of the UI elements displaying incorrectly.

Supported browsers

- Chrome 31+
- Firefox 26+
- Microsoft Edge 38+ (Windows 10 Anniversary Update or newer)
- Internet Explorer 11
- Safari 7+ on Mac OS

We strongly recommend using the *latest versions* of the browsers. Older browsers that meet the minimum requirements remain functional, but may display simplified renderings of certain components.



JavaScript

JavaScript must be enabled and allowed in the browser for the administration interface to work correctly.

Live site browser requirements

The list of supported browsers above also applies to visitors of websites running on Kentico.

However, the exact browser requirements always depend on the implementation of specific websites. With appropriate styling, live websites can work well in a wide variety of browsers, including responsiveness and general support for mobile browsers.