

System Requirements

Hardware Requirements

CPU

Environment	Minimum Requirement
Server	64-bit multi-core processor with at least 4 cores, 2.4 GHz
Cloud	64-bit modern dual-core processor, 2 GHz
Development	64-bit dual-core processor, 2 GHz

Memory

As the amount of memory is dependent on the number of concurrent users and the complexity of the processes and screens, the following values should only be used as a guideline. Recommended minimums:

Environment	Minimum Required
Production	32 GB
Development	16 GB

Storage and Disk Space Requirements

A minimum of 100 GB of disk space should be available for the product installation and is dependent on usage. This estimate does not include document storage or database server requirements.

- Recommended: 100 GB available disk space
- SSD recommended for database storage in production environments

Display Resolution

Application	Minimum Resolution
Administration Console	1366x768
Navigator (Default)	1366x768
Designer	1920x1080

NOTE

Full HD resolution 1920 × 1080 should be the minimum standard when buying a monitor.

Software Requirements

Supported Server Operating Systems

Production Environments

- Windows Server 2025
- Windows Server 2022
- Windows Server 2019

Development Environments

- Windows 11+ (Build 22000 or higher)
- Windows 10 (Version 1607, Build 14393 or higher)

IMPORTANT

Support for Windows 10 ended December 2025.

NOTE

The Microsoft Windows Operating System must be installed using an English (UK or US) locale.

Internet Information Services (IIS)

- IIS 10.0 or higher required
- A valid SSL certificate is required for HTTPS connections
- Application Pool management permissions required
- **WebSocket Protocol must be enabled** (new requirement for v6.0, not required in v2019)

TIP

Enable WebSocket Protocol in: Server Manager → Roles → Web Server (IIS) → Application Development → WebSocket Protocol

.NET Runtimes

Runtime	Version	Architecture	Required By
ASP.NET Core Runtime	.NET 10	x64	Process Engine, Navigator, Administration Console
.NET Desktop Runtime	.NET 10	x64	Sample Client application

IMPORTANT

Install the Hosting Bundle, not just the runtime. The Hosting Bundle includes the .NET Runtime, ASP.NET Core Runtime, and IIS support.
After installation, run iisreset from an Administrator Command Prompt.

Database

Requirement	Details
Database Engine	Microsoft SQL Server 2019, 2022, or 2025
Driver	Microsoft OLE DB Driver for SQL Server (required)
Permissions	db_creator role or sysadmin for database creation; appropriate connection permissions for service accounts

Web Browsers

Processware v6.0 is a Blazor-based web application and supports any modern browser that implements current web standards (WebAssembly, WebSockets, and modern CSS).

Formally Tested and Supported

DESKTOP

- Google Chrome (latest)
- Microsoft Edge (latest)
- Mozilla Firefox (latest)
- Opera Browser (latest)
- Safari on macOS (latest)

MOBILE

- Safari (iOS)
- Chrome (Android)

Extended Compatibility

The following browsers are expected to work based on their underlying engine but are not formally tested. If an issue is reported on one of these browsers, the support position is to first reproduce it on Chrome or Edge before investigating further.

CHROMIUM-BASED BROWSERS (SAME ENGINE AS CHROME AND EDGE)

- Brave
- Vivaldi
- Arc

GECKO-BASED BROWSERS (SAME ENGINE AS FIREFOX)

- Firefox-based forks and derivatives

NOTE

Always use the latest stable release of your browser. Older browser versions are not supported regardless of browser type.

Email Services

An SMTP-compatible email server or relay is required. The specific mail service is determined by the client's environment and infrastructure.

Development Tools

Tool	Version	Purpose
Microsoft Visual Studio	2022 (version 17.9 or higher)	Developing .NET 10 managed code processes and task forms
Processware VSIX Extension	v6.0	Automated task form creation via Roslyn source generators

Pre-Installation: Windows Features Required

The following IIS and .NET features must be enabled before installing Processware components.

Feature	Category
WebSocket Protocol	Application Development Features
IIS Management Console	Web Management Tools
Application Initialisation	Application Development Features
Static Content	Common HTTP Features
Windows Authentication	IIS Security

External Resources

Microsoft Downloads

- .NET 10.0 Downloads — <https://dotnet.microsoft.com/download/dotnet/10.0>
- SQL Server Downloads — <https://www.microsoft.com/sql-server/sql-server-downloads>
- OLE DB Driver Downloads — <https://learn.microsoft.com/en-us/sql/connect/oledb/download-oledb-driver-for-sql-server>
- Visual Studio Downloads — <https://visualstudio.microsoft.com/downloads/>

Tools

- Processware Visual Studio Extension — <https://marketplace.visualstudio.com/items?itemName=flowcentric-technologies.processwareextension01>