

# Logics Minimum Technical Requirements

These requirements are based on the assumption of using a dedicated server for Logics' applications. We cannot guarantee performance or fully troubleshoot issues when other applications are installed on the same server along with other non-Logics' applications. Larger Clients should consider doing a dual server setup, one dedicated to SQL Server and one dedicated to the Logics Application for optimal performance.

## Server Requirements

Microsoft Windows Server 2012 – 2019 (2019 recommended)

### Additional Server Software

Microsoft SQL Server

2012 R2 Server - Standard, Enterprise

2016 Server - Standard, Enterprise

2017 Server - Standard, Enterprise

2019 Server - Standard, Enterprise (2019 Standard recommended)

➤ SQL Express is not supported

### Server Components

- Physical and virtual servers supported
- Optional RAID configuration
  - RAID 5
  - RAID 10 recommended

### Single Server Environment

- 2.7 GHz 12 core or better
- 500GB of storage
  - If partitioned, the main server drive must have 200 GB or more of hard drive space.
- 32 GB Memory
- Video, minimum 1024 x 768 display resolution

## Dual Server Environment

### Application Server

- 3.0 GHz 4 core or better
- 500GB of storage
  - If partitioned, the main server drive must have 200 GB or more of hard drive space
- 16 GB Memory
- Video, minimum 1024 x 768 display resolution

### Database Server

- 2.7 GHz 8 core or better
- 500GB of storage
  - If partitioned, the main server drive must have 200 GB or more of hard drive space
- 32 GB Memory (32 GB recommended for larger clients)
- Video, minimum 1024 x 768 display resolution

## Additional Server Requirements

- Working High-Speed Internet Connection (10 Mbps or greater)
- Browsers:
  - Chrome
  - Edge
  - Internet Explorer IE 11 until Q4 2022
- Windows Installer 4.5 or later
- Servers should have the latest Windows Service Pack and critical updates available from the Microsoft Security Web site.
- Internet Information Services (IIS) installed with security patches.
- Microsoft SQL Server 2012 or later, recommend 2019
- Microsoft.NET Framework 1.1, 2.0.5, 3.5 SP1, 4.0, 4.5 with security patches
- Adobe Acrobat Reader 9.0 or greater
- Network Ready HP (or compatible) laser printer for checks
  - Handle HP Barcode Printing Solution if printing Intelligent mail barcodes for postal discounts

# Software Requirements

## Required Minimum Internet Information Services (IIS) Options

### *.NET Framework 3.5 Features*

- NET Framework 3.5 (includes .NET 2.0 and 3.0)

### *.NET Framework 4.x Features*

- ASP.NET 4.x
- WCF Services
- HTTP Activation

### *Web Server (IIS)*

- Management Tools
- IIS Management Console
- Management Service
- IIS Management Scripts and Tools

### *Web Server*

- Application Development
- ASP
- ASP.NET 4.x
- ISAPI Extensions
- ISAPI Filters
- .NET Extensibility 4.x
- Common HTTP Features
- Default Document

### *HTTP Errors*

- Static Content
- Health and Diagnostics
- HTTP Logging
- Tracing
- Logging Tools
- Request Monitor
- Performance
- Static Content Compression



## Security

- Request Filtering
- Windows Authentication
- Windows Process Activation Service
- Configuration APIs
- Process Model

## Required Minimum SQL Server Options:

### Instance Features

- Database Engine Services

### Shared Features

- Client Tools Connectivity
- Integration Services
- Client Tools Backward Compatibility
- SQL Client Connectivity SDK

### Miscellaneous Software

- 7zip (File compression software)
- Notepad++ (Text editor)
- WinSCP (FTP client)
- WinMerge (File comparison software)
- sqlcmd (MS SQL Server command line utility)
- MS-ODBC (MS ODBC driver for SQL Server)
- MS-AccessDB Engine (Export to Excel)



## Client PC Requirements

### Windows Versions Supported:

- 64-Bit Platform
- Windows 10 Professional or higher

### Additional Components

- 2.8 Ghz Processor or better
- 20 GB Hard Disk Space Free
- 4 GB RAM or more
- Monitor/Video minimum 1024 x 768 display resolution
- Browsers:
  - Chrome
  - Edge
  - Internet Explorer 11 until Q4 2022
- Working High-Speed internet connection (10 Mbps or greater)

## Client Tablet Requirements

### iPad Requirements:

- Wi-Fi + Cellular
- 32GB or 128GB

### Android Requirements:

- Samsung Galaxy Tab 4 (10.1, Wi-Fi + Cellular)
- 10.1-inch WXGA TFT Display
- 1.2 GHz Quad Core Processor
- 16 GB Flash Memory
- 1.5 GB RAM Memory
- Android
- 6800 mAh battery

