



Re: CMS uHost Server Requirements

November 16, 2021

Hardware Requirements

	STANDALONE	INDEPENDENT SERVERS	
	Web Server & DB	CMS Web Server	SQL Server
Processor (CPU)	Intel® Xeon® E5-2620 v3	Intel® Xeon® E3-1220 v3	Intel® Xeon® E5-2620 v3
Memory (RAM)	Minimum: 32 GB Recommended: 64 GB	16 GB	Minimum: 32 GB Recommended: 64 GB
OS Drive	100 GB		
Backup Drive	1 TB		
DB Drive	1 TB+	50 GB+	1 TB+
LAN connection	100/1000 Ethernet LAN		
WAN connection	High Speed Internet connection		
Important: The information above is based on 100 NVR connections and a 3-year data retention. Minimum hardware specifications may change based on the actual system requirements.			

Software Requirements

	SERVICE	SOFTWARE
SERVER	CMS Web Server	Windows Server 2012/2016/2019 64-bit (Standard or Enterprise Edition) Recommended: Windows Server 2016 64-bit or newer
	Database	SQL Server 2012/2014/2016/2019 64-bit (Standard or Enterprise Edition) Recommended: SQL Server 2014 64-bit or newer
	Additional Software	<ul style="list-style-type: none"> • Microsoft .Net Framework 4.8* (Standalone or Full) • IIS version 8.5 or newer • Microsoft Report Viewer 2015 Runtime • C++ redistributable package for Visual Studio 2012
CLIENT	CMS Web Clients (Desktop Browsers)	Google Chrome 55+, Mozilla Firefox 50+, Microsoft Edge 79+, Opera 42+, Apple Safari 10+
	Mobile Platforms	Android 9+, iOS 12+
	PAC Converter	Access Engine 2010 (if using PAC Converter 64-bit), Microsoft .NET 4.5+
Important: For best overall system performance, 64-bit architecture is highly recommended for the entire system, includes the Server and all the required software.		



Download Links

- **Windows Server** (choose one):
 - [Windows Server 2012](#)
 - [Windows Server 2016](#)
 - [Windows Server 2019](#)
- **SQL Server**
 - [SQL Server 2012](#)
 - [SQL Server 2014](#)
 - [SQL Server 2016](#)
 - [SQL Server 2019](#)
- **.Net Framework**
 - [.NET 4.8](#)
- **Microsoft Report Viewer 2015**
 - [Report Viewer 2015](#)
- **Internet Information Service (IIS)**
 - [IIS 8.5](#)

For IIS installation, select the following options:

- Internet Information Services**
 - FTP Server**
 - Web Management Tools**
 - IIS 6 Management Compatibility
 - IIS Management Console
 - IIS Management Scripts and Tools
 - IIS Management Service
 - World Wide Web Services**
 - Application Development Features**
 - .NET Extensibility 3.5
 - .NET Extensibility 4.8
 - Application Initialization
 - ASP
 - ASP.NET 3.5
 - ASP.NET 4.8
 - CGI
 - ISAPI Extensions
 - ISAPI Filters
 - Server-Side Includes
 - WebSocket Protocol
 - Common HTTP Features**
 - Default Document
 - Directory Browsing
 - HTTP Errors
 - HTTP Redirection
 - Static Content
 - WebDAV Publishing
 - Health and Diagnostics**
 - Custom Logging
 - HTTP Logging
 - Logging Tools
 - ODBC Logging
 - Request Monitor
 - Tracing
 - Performance Features**
 - Dynamic Content Compression
 - Static Content Compression
 - Security**
 - Basic Authentication
 - Centralized SSL Certificate Support
 - Client Certificate Mapping Authentication
 - Digest Authentication
 - IIS Client Certificate Mapping Authentication
 - IP Security
 - Request Filtering
 - URL Authorization
 - Windows Authentication

Please contact technical support if you have any questions or issues.

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