	Minimum	Modium	Liab	
	Minimum	Medium	nigii	
CPU	Dual Core 64-bit processors (e.g., AMD Athlon 64 X2, Intel Xeon, and AMD Phenom)		e 64-bit processors or better (e.g., AMD Athlon 64 X2, n, and AMD Phenom)	
Memory	4 GB of RAM is required (6 GB Recommended)	8 GB of RAM or higher	16 GB of RAM or higher	
	<b>Note:</b> It is recommended that the system page file size be a minimum of four (4) times the size of installed (physical) RAM.			
	<b>Note:</b> It is recommended that the virtual memory allotment be two times the amount of physical memory (RAM) on the system.			
Hard Disk	At least 4 GB free hard disk space is required (10 GB Recommended)			
Video Card	DirectX 9 or 10 Video Card or better			
	Onboard Video Memory (256 MB)	Onboard Video Memory (500 MB)	Onboard Video Memory (1 GB)	
Resolution Minimum	1024x768, 32-bit color		1920x1080, 32-bit color	
Operating System	Windows 11 (Professional, Enterprise, or IoT Enterprise Edition) Windows 10 x64 (Professional, Enterprise, or IoT Enterprise Edition) Windows 10 x64 2021 LTSC (Enterprise or IoT Enterprise Edition) Windows 10 x64 2019 LTSC (Enterprise or IoT Enterprise Edition) Windows 10 x64 2016 LTSB (Enterprise or IoT Enterprise Edition) Windows Server 2022 Windows Server 2019 (including Server IoT 2019) Windows Server 2016 x64 Windows Server 2012 R2 x64 Windows Server 2012 x64			

	Notes:			
	<ol> <li>For server class operating systems that offer "Server Core" or "Desktop Experience" options, ICONICS Suite only supports "Desktop Experience".</li> <li>Server class operating system highly recommended for web hosting and AnalytiX features.</li> <li>Microsoft SQL Server 2019 is not supported on Server 2012 or 2012 R2. Users installing on these operating systems should install a supported version of SQL Server before installing ICONICS Suite or use a remote SQL Server instance.</li> </ol>			
.NET Framework	Microsoft .NET Framework 4.8 and 3.5			
Web Server	Microsoft Internet Information Services (IIS) 7.0 or higher			
Web	HTML5 WebHMI displays: Edge, Firefox, Safari, Chrome			
Browser	WPF WebHMI displays: Edge (in Internet Explorer Mode), Internet Explorer 11			
	Microsoft SQL Azure			
	Microsoft SQL Server 2019			
	Microsoft SQL Server 2017			
	Microsoft SQL Server 2016			
	Microsoft SQL Server 2014			
SQL Server	Notes:			
	3. SQL Azure is not supported for AlarmWorX64 MMX.			
	4. The connection to SQL Server data source may be either local or remote.			
	5. ICONICS supports SQL databases with encryption.			

**NOTE:** The requirements described above are based on typical applications. Depending on your specific application, the minimum requirements may vary.

## **Optional Hardware**

- 1. Ethernet adapter, Wi-Fi card, or cellular (at least 3G)
- 2. USB port (for hardware license)

3. Serial COM ports or other adapters (for data I/O)

## Uninstalling

It is recommended by ICONICS to use Apps & features from Windows Settings to uninstall the applications. Removing the application via other means (such as simply deleting the files) may leave files, settings, or registry entries behind, and is not supported.

If you uninstall some common components that are used by the product, you may be required to register those components again or simply reinstall the product.

**NOTE**: Do not delete the files and directories manually; doing so will leave the registry entries intact and interfere with future installations. Please use the uninstall feature of the operating system!