

# PROJECT in a box version 5.3 Typical Hardware and Software Requirements

## ***Server specification (single conventional server)***

Approach recommended when number of clients exceeds 30; when the Web application is to be used; or when external connections are to be received.

	<b>Minimum</b>	<b>Recommended</b>
<b>Processor</b>	Single core 32bit	Multi Core 64 bit
<b>Memory</b>	2GB	4Gb
<b>Disk</b>	40Gb	120Gb*
<b>Operating System</b>	Microsoft Windows 2003 Server SP2 (32 or 64bit) Windows 2008 R2 (32bit and 64bit) Windows 2012 r2 Windows 2016	
<b>Other Requirements</b>	.NET framework v4.5 or later. SQL Server 2008, 2008 R2, 2012, 2014, 2016 2017 Express Editions. IIS v6, v7, v7.5, v8.0 or v8.5, with ASP.NET extensions enabled Network connectivity <sup>#</sup> .	
<b>Split configuration</b>	The server doesn't have to all be installed onto a single machine and can be distributed over existing hardware to leverage your existing investment in MS SQL licences of network storage capacity. A number of standard patterns are recommended, contact for further information.	
<b>Virtualisation support</b>	The product is fully supported on most 'Virtualised' Environments that support the Operating Systems and requirements above. i.e. VMware, Hyper-V and MS Virtual Server. Parallels on Apple Mac is also supported.	

## ***Server specification (using desktop PC as a Server)***

Suitable for <30 clients with no Enterprise Hub and no external connections.

	<b>Minimum</b>	<b>Recommended</b>
<b>Processor</b>	Single core 32bit	Multi Core 64 bit
<b>Memory</b>	2GB	4Gb
<b>Disk</b>	40Gb	120Gb*
<b>Operating System</b>	Windows XP professional (32 or 64 bit) Windows 7,8,10 (32 or 64 bit)	
<b>Other</b>	.NET framework v4.5 or later. SQL Server 2008, 2008 R2, 2012, 2014, 2016 or 2017 Express Editions IIS v6 or above Network connectivity <sup>#</sup> .	

## **Client PC Minimum specification**

Specification for installed client desktop PC or laptop.

	<b>Minimum</b>	<b>Recommended</b>
<b>Processor</b>	Single core 32bit	Multi Core 64 bit
<b>Memory</b>	1gb	2Gb
<b>Disk</b>	20Gb	40Gb
<b>Operating System</b>	Windows XP professional (32 or 64 bit) Windows Vista (32 or 64bit) Windows 7 (32 or 64 bit) Windows 8 (32 or 64 bit) Windows 10 (32 or 64 bit)	
<b>Other</b>	.NET framework v4.5 or later Internet web browser such as Internet Explorer v8 or above, Google Chrome, Mozilla Firefox or Safari. Network connectivity <sup>#</sup> . Microsoft Office is recommended (2007 or above) Prosis Solutions Planner (included free)	
<b>Web Application interface</b>	Many client day to day functions are now possible via the http web based client portal. This is platform independent and only requires a supported internet web browser from the list above. Mobile devices that support full web browsing will also be able to access the system via this method. e.g. Andriod and iPhone devices.	

## **Apple Mac Support**

There is no native support for Apple Mac platforms, however it is possible run PROJECT in a box Server or client from a 'Virtualised' environment with a supported Windows platform installed.

[Parallels Desktop for Mac](#) is an example of such a platform.

Client access via the Web App portal is also possible from an Apple Mac running a suitable Browser such as Safari or Firefox.

## **Citrix support**

We provide support for PROJECT in a box server running in a Citrix environment.

### **Notes:**

\* - Servers should have sufficient storage space for the expected level of project documents and preferably the capability to extend storage if required. File storage can be split to a dedicated file server/farm if required.

# - Network bandwidth has an impact on usability as files have to be transferred from the servers to the clients and back, we can advise on this depending on the typical and maximum file sizes and user profiles. The default files size is limited to 15Mb to protect the web server and network bandwidth from excessive traffic. This limit may be relaxed however we recommend that larger files are stored as references (windows shortcuts or URLs).