

PROJECT in a box version 4.0 Typical Hardware and Software Requirements

Server specification (single conventional server)

Approach recommended when number of Windows App users exceeds 30, when the Browser App is to be used extensively, or when external connections are to be received.

	Minimum	Recommended
Processor	Single core 32bit	Multi Core 64 bit
Memory	1GB	2Gb
Disk	40Gb	120Gb*
Operating System	Microsoft Windows 2003 Server SP2 (32 or 64bit) Windows 2008 R2 (32bit and 64bit), Window 2012 Server 64bit	
Other Requirements	.NET framework v3.5 SQL Server 2005 Express, 2008 Express Edition or SQL 2012 Express Edition. IIS v5 or above, with ASP.NET extensions enabled Network connectivity [#] .	
Split configuration	The server doesn't have to all be installed onto a single machine but 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.	
Virtualisation support	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 Windows App users with limited Browser App and no external connections.

	Minimum	Recommended
Processor	Single core 32bit	Multi Core 64 bit
Memory	1GB	1Gb
Disk	40Gb	120Gb*
Operating System	Windows XP Professional (32 or 64 bit) Windows 7 (32 or 64 bit), Windows 8 Professional (32 or 64 bit)	
Other	.NET framework v2.0.50727. .NET framework v3.5 SQL Server 2005, 2008, 2012 Express Editions. IIS v5 or above Network connectivity [#] .	

Client PC Minimum specification

Specification for installed Windows App on desktop PC or laptop.

	Minimum	Recommended
Processor	Single core 32bit	Multi Core 64 bit
Memory	1gb	2Gb
Disk	20Gb	40Gb
Operating System	Windows XP professional (32 or 64 bit) Windows Vista (32 or 64bit) Windows 7 (32 or 64 bit)	

	Windows 8 (32 or 64 bit)
Other	.NET framework v3.5 Internet web browser such as Internet Explorer v6 or above, Google Chrome, Mozilla Firefox or Safari. Network connectivity [#] . Microsoft Office is recommended (2007 or above)
Browser App Access	Many client day to day functions are now possible via the http web based Browser App. 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. Android and iPhone devices. <i>NB PROJECT in a box Administration tasks still require the Windows App</i>

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 HTTP Browser App is also possible from an Apple Mac running a suitable Browser such as Safari or Firefox.

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).