

# System Requirements for Microsoft Dynamics GP 2013 Web Client

Last Modified 12/18/2012  
Posted 12/18/2012

This page lists the system requirements for the Microsoft Dynamics GP 2013 Web Client.

## On this page:

- [Overview](#)
- [Deployment Configurations](#)
- [Single Machine Recommendations](#)
- [Scale Out Recommendations](#)
- [Client Requirements](#)
- [Additional Information](#)
- [Support Information](#)

## Overview

This section contains the server recommendations and client workstation requirements for Microsoft Dynamics GP 2013 Web client supported by the Microsoft Dynamics GP Technical Support Team.

The Microsoft Dynamics GP Web client provides access to Microsoft Dynamics GP through the Internet Explorer web browser. The user experience and functionality provided by the Microsoft Dynamics GP Web client closely matches the experience of using the Microsoft Dynamics GP desktop client.

No client application software is installed on the user's local system. The Microsoft Dynamics GP application process for the user is running on a separate server. A Silverlight 5 application running inside the web browser on the user's computer presents the application.

The web client application software is installed on one or more servers using one of three deployment configurations outlined below and documented in the Web Client Installation and Administration Guide.

[Top](#)

## Deployment Configurations

Single Machine	Scale Out	Multi-tenant
In this configuration, all of the web client components are installed on a single server.	In this configuration the Web Server and Session Server (Session Host) components are installed on different servers. There can be any number of web and session servers deployed depending on the number of web client users and redundancy needs.	This configuration is similar to the scale out configuration but is set up for access by multiple customer organizations. The server recommendations remain the same as the scale out configuration for the Web Server and Session Server.

[Top](#)

## Single Machine Recommendations

Item	Requirements
<b>Operating System</b>	Microsoft Windows Server 2012 - Datacenter Edition or Standard Edition Microsoft Windows Server 2008 R2 SP1 or later - Enterprise Edition or Standard Edition
<b>Processor</b>	1 Quad Core or 2 Dual Core Processors or higher (see note 7)
<b>Minimum Available RAM</b>	4 GB – Up to 25 concurrent web client users 8 GB – Up to 60 concurrent web client users

	16 GB – Up to 120 concurrent web client users
<b>Network Card</b>	1GB Ethernet or Fiber
<b>Bandwidth Consideration</b>	Planning Average: 25,000 Kilo Bytes(KB)/sec per active Web Client user with spikes up to .25 MG/sec (see note 4)
<b>Internet Information Services (IIS)</b>	IIS 8.0 IIS 7.5
<b>Other Applications</b>	.Net Framework 4.0+ ASP.Net 4.0+ SQL Native Client Adobe Reader (Required to read or print manuals)
<b>Back Office Server</b>	All deployments require a dedicated Microsoft SQL Server. Refer to the Microsoft Dynamics GP 2013 System Requirements
<b>Windows License Guidance</b>	Microsoft Dynamics GP 2013 Web Client requires both Microsoft Windows Server and Microsoft SQL Server. Microsoft Windows Server and Microsoft SQL Server – and their corresponding Client Access Licenses (CALs) are not included with Microsoft Dynamics GP 2013. They must be acquired separately in accordance with the applicable licensing requirements for these products. These licenses may be purchased through traditional Microsoft Volume Licensing channels.
<b>NOTES</b>	
1. The web server computer name cannot contain an underscore (_).	
2. Hyper threading can be enabled for the processors.	
3. When you deploy a system in a virtual environment, make sure that you have sufficient hard disk space to avoid performance problems. Each computer that you deploy in a virtual environment should meet or exceed the random access memory (RAM) requirements and the hard disk space requirements. For more information, click the following article number to view the article in the Microsoft Knowledge Base: <a href="#">897615</a> Support policy for Microsoft software running in non-Microsoft hardware virtualization software.	
4. Sustained bandwidth utilization will increase with SmartList data exports and printing large Word Template documents.	
5. Server recommendations for Microsoft SQL Server Reporting Services can be found in the <a href="#">System Requirements for Dynamics GP 2013 Web Application</a> .	
6. Microsoft Dynamics GP 2013 Web Client must be installed in a domain environment	
7. Processor requirements are minimums and will need to increase as number of concurrent web client users increase per machine.	

[Top](#)

<b>Scale Out Recommendations</b>	
<b>Web Server(s)</b>	
<b>Item</b>	<b>Requirements</b>
<b>Operating System</b>	Microsoft Windows Server 2012 - Datacenter Edition or Standard Edition Microsoft Windows Server 2008 R2 SP1 or later - Enterprise Edition or Standard Edition
<b>Processor</b>	1 Dual Core Processor or higher
<b>Minimum Available RAM</b>	4 GB or more
<b>Network Card</b>	1GB Ethernet or Fiber
<b>Internet Information Services (IIS)</b>	IIS 8.0 IIS 7.5
<b>Other Applications</b>	.Net Framework 4.0+ ASP.Net 4.0+ SQL Native Client
<b>Back Office Server</b>	All deployments require a dedicated Microsoft SQL Server. Refer to the Microsoft Dynamics GP 2013 System Requirements
<b>Windows License Guidance</b>	Microsoft Dynamics GP 2013 Web Client requires both Microsoft Windows Server and Microsoft SQL Server. Microsoft Windows Server and Microsoft SQL Server – and their corresponding Client Access Licenses (CALs) are not included with Microsoft Dynamics GP 2013. They must be acquired separately in accordance with the applicable licensing requirements for these products. These licenses may be purchased through traditional Microsoft Volume Licensing channels.

<b>Session Server(s)</b>	
<b>Item</b>	<b>Requirements</b>
<b>Operating System</b>	Microsoft Windows Server 2012 - Datacenter Edition or Standard Edition Microsoft Windows Server 2008 R2 SP1 or later - Enterprise Edition or Standard Edition
<b>Processor</b>	1 Quad Core or 2 Dual Core Processors or higher (see note 8)
<b>Minimum Available RAM</b>	4 GB – Up to 25 concurrent web client users 8 GB – Up to 60 concurrent web client users 16 GB – Up to 120 concurrent web client users
<b>Network Card</b>	1GB Ethernet or Fiber
<b>Bandwidth Consideration</b>	Planning Average: 25,000 Kilo Bytes(KB)/sec per active Web Client user with spikes up to .25 MG/sec (see note 4)
<b>Other Applications</b>	.NET Framework 4.0+ SQL Native Client Adobe Reader (Required to read or print manuals)
<b>Back Office Server</b>	All deployments require a dedicated Microsoft SQL Server. Refer to the Microsoft Dynamics GP 2013 System Requirements
<b>Windows License Guidance</b>	Microsoft Dynamics GP 2013 Web Client requires both Microsoft Windows Server and Microsoft SQL Server. Microsoft Windows Server and Microsoft SQL Server – and their corresponding Client Access Licenses (CALs) are not included with Microsoft Dynamics GP 2013. They must be acquired separately in accordance with the applicable licensing requirements for these products. These licenses may be purchased through traditional Microsoft Volume Licensing channels.
<b>NOTES</b>	
<ol style="list-style-type: none"> <li>1. The web server computer name cannot contain an underscore (_).</li> <li>2. Hyper threading can be enabled for the processors.</li> <li>3. When you deploy a system in a virtual environment, make sure that you have sufficient hard disk space to avoid performance problems. Each computer that you deploy in a virtual environment should meet or exceed the random access memory (RAM) requirements and the hard disk space requirements. For more information, click the following article number to view the article in the Microsoft Knowledge Base: <a href="#">897615</a> Support policy for Microsoft software running in non-Microsoft hardware virtualization software.</li> <li>4. Sustained bandwidth utilization will increase with SmartList data exports and printing large Word Template documents.</li> <li>5. Server recommendations for Microsoft SQL Server Reporting Services can be found in the <a href="#">System Requirements for Dynamics GP 2013 Web Application</a>.</li> <li>6. Microsoft Dynamics GP 2013 Web Client must be installed in a domain environment</li> <li>7. The Web Site, Web Client Management Console and Session Central Service are typically installed on the Web Server.</li> <li>8. Processor requirements are minimums and will need to increase as number of concurrent web client users increase per machine.</li> </ol>	

[Top](#)

<b>Client Requirements</b>		
<b>Item</b>	<b>Requirements</b>	
	<b>32-bit</b>	<b>x64</b>
<b>Operating System</b>	Microsoft Windows 8 Professional Edition Microsoft Windows 8 Ultimate Edition Microsoft Windows 7 Professional Edition Microsoft Windows 7 Ultimate Edition	Microsoft Windows 8 Professional Edition Microsoft Windows 8 Ultimate Edition Microsoft Windows 7 Professional Edition Microsoft Windows 7 Ultimate Edition
<b>Minimum Available RAM</b>	2 GB or more	2 GB or more
<b>Internet Explorer</b>	Internet Explorer 10.0 - Desktop Mode Only Internet Explorer 9.0 Internet Explorer 8.0	
<b>Microsoft Office</b>	Microsoft Office 2013 32bit or x64 Microsoft Office 2010 32bit or x64	
<b>Other Applications</b>	.Net Framework 4.0 or later Silverlight 5.0	

[Top](#)

### Additional Information

1. This document represents configurations tested by Microsoft Business Solutions and supported by Microsoft Dynamics Technical Support. Use of technologies not specified in this document is not recommended and will not be supported. Testing is ongoing, and as newer technologies become supported this list will be updated.
2. If you use antivirus software, consider its requirements when you're calculating processor and RAM requirements for your business.
3. If you have questions regarding licensing SQL Server for use with Microsoft Dynamics GP. Please contact a Licensing Specialist at 1-800-426-9400.
4. Click [HERE](#) to view a KnowledgeBase article regarding support in a virtual environment. The following virtual products have been tested: Microsoft Windows Server 2012 Hyper-V, Microsoft Windows Server 2008 R2 Hyper-V, Microsoft Application Virtualization 5.0, Microsoft Application Virtualization 4.6. For additional Virtual Technology Support, click the link below to review the Virtualization Support Policy Wizard. Choose Dynamics GP as the product.  
<http://www.windowservercatalog.com/svvp.aspx?svvppage=svvpwizard.htm>

[Top](#)

### Support Information

For technical support questions, contact your partner or, if enrolled in a support plan directly with Microsoft, you can enter a new support request to Microsoft Dynamics® Technical Support from Customer Source or Partner Source under Support >> [New Support Request](#).

You can also contact Microsoft Dynamics® Technical Support by phone using these links for country specific phone numbers.  
Partners - [Global Support Contacts](#) (requires Partner Source login)  
Customers - [Global Support Contacts](#) (requires Customer Source login)

[Top](#)