System Requirements for Microsoft Dynamics GP 2015

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system requirements for Microsoft Dynamics GP 2015.

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Overview

This document contains the minimum client hardware requirements, server recommendations and Terminal Server minimum hardware requirements supported by the Microsoft Dynamics GP Technical Support Team. The following server recommendations are not minimum server requirements. The requirements and recommendations are based on experience with many different installations. Users may need to increase these requirements due to environmental factors to achieve individual performance expectations.

Review each Customer Profile below to determine what profile best fits the user count, modules used and transaction volume for your environment. Use that Customer Profile as a recommendation for your server hardware implementation.

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Client Requirements

Item	Requirements	
	32-bit	**x64**
Operating System	Microsoft Windows 8 & 8.1 Professional Edition Microsoft Windows 8 & 8.1 Ultimate Edition Microsoft Windows 7 Professional Edition Microsoft Windows 7 Ultimate Edition	Microsoft Windows 8 & 8.1 Professional Edition Microsoft Windows 8 & 8.1 Ultimate Edition Microsoft Windows 7 Professional Edition Microsoft Windows 7 Ultimate Edition
Processor	1 Dual Core or 1 Single Core Processor 2.6 GHz or higher	1 Dual Core or 1 Single Core Processor 2.6 GHz or higher
Available Hard Disk Space	2GB or more on the system root	2GB or more on the system root
Minimum Available RAM	2GB or more	2GB or more
Network Card	1GB Ethernet	
Microsoft Office	Microsoft Office 2013 32bit & x64 Microsoft Office 2010 32bit & x64 NOTES: 1. If using Office x64, the server type in System Preferences (Microsoft Dynamics GP | Tools | System | Setup | System Preferences) must be set to Exchange. 2. The Exchange server type only supports XPS and DOCX. PDF is not supported with the Exchange server type. 3. If using Office 32bit, the server type in System Preferences can either be MAPI or Exchange	
Internet Explorer	Internet Explorer 11.0 - Desktop Mode Only Internet Explorer 10.0 - Desktop Mode Only	
ODBC Driver	SQL Native Client 11.0 SQL Native Client 10.0	

NOTE: A 32bit ODBC DSN is required for Microsoft Dynamics GP 2015**

Adobe	Adobe X
Virtual Environments Supported (Optional)	Hardware Virtualization Windows Server 2012 Hyper-V Windows Server 2012 R2 Hyper-V Windows Server 2008 R2 Hyper-V Windows Server 2008 Hyper-V Software Virtualization Microsoft Application Virtualization (App-V) 5.0 For additional Virtual Technology Support, click the link below to review the Virtualization Support Policy Wizard. Choose Dynamics GP as the product. http://www.windowsservercatalog.com/svvp.aspx?svvppage=svvpwizard.htm

NOTES

1. The following are no longer supported with Microsoft Dynamics GP 2015:

a. Windows XP all editions

b. Windows Server 2003 all editions

c. Windows Vista all editions

d. Microsoft Office 2007

e. Microsoft SQL Server 2008 all editions

f. Office Communicator 2007

2. A 32-bit ODBC DSN is required for Microsoft Dynamics GP 2015 on a 32-bit and x64 machine. Refer to KnowledgeBase Article 870416 for the steps to setup a 32-bit ODBC DSN on an x64 machine.

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: 897615 Support policy for Microsoft software running in non-Microsoft hardware virtualization software.

Server Recommendations: Customer Profile 1

Item	Requirements	
Customer Profile 1 Usage	Use only Financial Series modules Have between 0-5 concurrent users for Microsoft SQL Server or for Microsoft SQL Server Express Process fewer than 250 transactions per day No web applications in use Peer to Peer Environment	
	32-bit	**x64**
Database Requirements	Microsoft SQL Server 2014 - Standard or Express Editions Microsoft SQL Server 2012 - Standard or Express Editions **Supported Microsoft SQL Server Collation** **1. Dictionary Order Case Insensitive - Sort Order 52** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = SQL_Latin1_General_CP1_CI_AS **2. Binary - Sort Order 50** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = Latin1_General_BIN	Microsoft SQL Server 2014 - Standard or Express Editions Microsoft SQL Server 2012 - Standard or Express Editions **Supported Microsoft SQL Server Collation** **1. Dictionary Order Case Insensitive - Sort Order 52** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = SQL_Latin1_General_CP1_CI_AS **2. Binary - Sort Order 50** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = Latin1_General_BIN
Operating System	Microsoft Windows Server 2008 Standard Edition SP2 or later	Microsoft Windows Server 2012 Essentials Edition or Standard Edition Microsoft Windows Server 2012 R2 Essentials Edition or Standard Edition Microsoft Windows Server 2008 R2 Standard Edition SP1 or later Microsoft Windows Server 2008 Standard Edition SP2

		or later
Processor	1 Dual Core or 2 Single Core Processors	1 Dual Core or 2 Single Core Processors
Minimum Available RAM	2 GB or more	2 GB or more
Network Card	1GB Ethernet	
Virtual Environments Supported (Optional)	Hardware Virtualization Windows Server 2012 Hyper-V Windows Server 2012 R2 Hyper-V Windows Server 2008 R2 Hyper-V Windows Server 2008 Hyper-V Software Virtualization Microsoft Application Virtualization (App-V) 5.0 For additional Virtual Technology Support, click the link below to review the Virtualization Support Policy Wizard. Choose Dynamics GP as the product. http://www.windowsservercatalog.com/svvp.aspx?svvppage=svvpwizard.htm	

NOTES

1. The following are no longer supported with Microsoft Dynamics GP 2015:

a. Windows XP all editions

b. Windows Server 2003 all editions

c. Windows Vista all editions

d. Microsoft Office 2007

e. Microsoft SQL Server 2008 all editions

f. Office Communicator 2007

2. Microsoft SQL Server 2008 Express or Microsoft SQL Server 2012 Express can be installed on a non-server operating system, however it is recommended to install on a server operating system.

3. Verify processors can be upgraded.

4. 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: 897615 Support policy for Microsoft software running in non-Microsoft

hardware virtualization software.

Server Recommendations: Customer Profile 2

Item	Requirements	
Customer Profile 2 Usage	Use only Financial Series modules Have between 0-20 concurrent users for Microsoft SQL Server or 0-10 concurrent users for Microsoft SQL Server Express Use Report Writer, Crystal Reports, or Management Reporter Process fewer then 1000 transactions per day Import very little data Dedicated server with Microsoft SQL Server only Recommend a dedicated server with Microsoft SQL Server Express only	
	32-bit	**x64**
Database Requirements	Microsoft SQL Server 2014 - Standard or Express Editions Microsoft SQL Server 2012 - Standard or Express Editions **Supported Microsoft SQL Server Collation** **1. Dictionary Order Case Insensitive - Sort Order 52** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = SQL_Latin1_General_CP1_CI_AS **2. Binary - Sort Order 50** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = Latin1_General_BIN	Microsoft SQL Server 2014 - Standard or Express Editions Microsoft SQL Server 2012 - Standard or Express Editions **Supported Microsoft SQL Server Collation** **1. Dictionary Order Case Insensitive - Sort Order 52** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = SQL_Latin1_General_CP1_CI_AS **2. Binary - Sort Order 50** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = Latin1_General_BIN
Operating System	Microsoft Windows Server 2008 Standard Edition SP2 or later	Microsoft Windows Server 2012 Essentials Edition or Standard Edition

	Microsoft Windows Small Business Server 2008 Premium Edition SP2 or later	Microsoft Windows Server 2012 R2 Essentials Edition or Standard Edition
		Microsoft Windows Server 2008 R2 Standard Edition SP1 or later
		Microsoft Windows Server 2008 Standard Edition SP2 or later
Processor	1 Dual Core or 2 Single Core Processors	1 Dual Core or 2 Single Core Processors
Disk Configuration	RAID 1 for operating system and applications (2 disks) RAID 5 for SQL database log and data files (4 disks)	RAID 1 for operating system and applications (2 disks) RAID 5 for SQL database log and data files (4 disks)
Minimum Available RAM	2 GB or more	2 GB or more
Network Card	1GB Ethernet	
Virtual Environments Supported (Optional)	Hardware Virtualization Windows Server 2012 Hyper-V Windows Server 2012 R2 Hyper-V Windows Server 2008 R2 Hyper-V Windows Server 2008 Hyper-V Software Virtualization Microsoft Application Virtualization (App-V) 5.0 For additional Virtual Technology Support, click the link below to review the Virtualization Support Policy Wizard. Choose Dynamics GP as the product. http://www.windowsservercatalog.com/svvp.aspx?svvppage=svvpwizard.htm	

NOTES

1. The following are no longer supported with Microsoft Dynamics GP 2015:

a. Windows XP all editions

b. Windows Server 2003 all editions

c. Windows Vista all editions

d. Microsoft Office 2007

e. Microsoft SQL Server 2008 all editions

f. Office Communicator 2007

2. Microsoft SQL 2008 Express and Microsoft SQL Server 2012 Express can be installed on a non-server operating system, however it is recommended to install on a server operating system.

3. Verify processors can be upgraded.

4. Additional disks will improve Microsoft SQL Server performance.

5. 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: 897615 Support policy for Microsoft software running in non-Microsoft hardware virtualization software.

Server Recommendations: Customer Profile 3

Item	Requirements	
Customer Profile 3 Usage	Use Financials Series modules	
	Use Distribution Series modules moderately	
	Use Field Service Series modules	
	Use Manufacturing Series or Project Series modules moderately	
	Have between 20 and 60 concurrent users	
	Use Terminal Server	
	Use Report Writer, Crystal Reports or Management Reporter	
	Perform some online analytical processing (OLAP) cube generation	
	Using an import routine/eConnect/Integration Manager	
	Process between 1000 and 4000 transactions per day	
	-Originating in Sales (SOP and/or RM), Payables or General Ledger	
	Dedicated Microsoft SQL Server	
	32-bit	**x64**
Database Requirements	Microsoft SQL Server 2014 Enterprise or Standard Edition	Microsoft SQL Server 2014 Enterprise or Standard Edition
	Microsoft SQL Server 2012 - Enterprise or Standard Edition	Microsoft SQL Server 2012 - Enterprise or Standard Edition
	Supported Microsoft SQL Server Collation	**Supported Microsoft SQL Server Collation**

	1. Dictionary Order Case Insensitive - Sort Order 52 In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = SQL_Latin1_General_CP1_CI_AS **2. Binary - Sort Order 50** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = Latin1_General_BIN	**1. Dictionary Order Case Insensitive - Sort Order 52** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = SQL_Latin1_General_CP1_CI_AS **2. Binary - Sort Order 50** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = Latin1_General_BIN
Operating System	Microsoft Windows Server 2008 SP2 or later - Enterprise Edition or Standard Edition	Microsoft Windows Server 2012 Standard or Datacenter Edition Microsoft Windows Server 2012 R2 Standard or Datacenter Edition Microsoft Windows Server 2008 R2 Enterprise Edition or Standard Edition SP1 or later Microsoft Windows Server 2008 SP2 or later - Enterprise Edition or Standard Edition
Processor	1 Dual Core or 2 Single Core Processors	1 Dual Core or 2 Single Core Processors
Disk Configuration	RAID 1 for operating system and applications (2 disks) RAID 1 for SQL database log files (2 disks) RAID 5 (4 disk minimum) or RAID 0+1 (8 disk minimum) for SQL data files RAID 1 for TempDB (2 disks) - optional, but recommended RAID 0 for SQL backups (full and log) (2 disks)	RAID 1 for operating system and applications (2 disks) RAID 1 for SQL database log files (2 disks) RAID 5 (4 disk minimum) or RAID 0+1 (8 disk minimum) for SQL data files RAID 1 for TempDB (2 disks) - optional, but recommended RAID 0 for SQL backups (full and log) (2 disks)

Minimum Available RAM	4 GB or more	4 GB or more
Network Card	1GB Ethernet	
Virtual Environments Supported (Optional)	Hardware Virtualization Windows Server 2012 Hyper-V Windows Server 2012 R2 Hyper-V Windows Server 2008 R2 Hyper-V Windows Server 2008 Hyper-V Software Virtualization Microsoft Application Virtualization (App-V) 5.0 For additional Virtual Technology Support, click the link below to review the Virtualization Support Policy Wizard. Choose Dynamics GP as the product. http://www.windowsservercatalog.com/svvp.aspx?svvppage=svvpwizard.htm	

NOTES

1. The following are no longer supported with Microsoft Dynamics GP 2015:

a. Windows XP all editions

b. Windows Server 2003 all editions

c. Windows Vista all editions

d. Microsoft Office 2007

e. Microsoft SQL Server 2008 all editions

f. Office Communicator 2007

2. Verify processors can be upgraded.

3. Additional disks will improve Microsoft SQL Server performance.

4. Verify switch is capable of handling network traffic.

5. 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:

   897615 Support policy for Microsoft software running in non-Microsoft hardware virtualization software.

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Server Recommendations: Customer Profile 4

Item	Requirements	
Customer Profile 4 Usage	Use Financials Series and Distribution Series modules extensively Use Field Service Series, Manufacturing Series, and Project Series modules extensively Have between 60 and 100 concurrent users Use Terminal Server Use Report Writer, Crystal Reports or Management Reporter extensively Use an import routine extensively - eConnect Process more than 4000 transactions per day-Originating in Sales (SOP and/or RM), Payables or General Ledger Perform online analytical processing (OLAP) cube generation (to different machine) Dedicated Microsoft SQL Server	
	32-bit	**x64**
Database Requirements	Microsoft SQL Server 2014 Enterprise or Standard Edition	Microsoft SQL Server 2014 Enterprise or Standard Edition
	Microsoft SQL Server 2012 - Enterprise Edition or Standard Edition	Microsoft SQL Server 2012 - Enterprise Edition or Standard Edition
	Supported Microsoft SQL Server Collation **1. Dictionary Order Case Insensitive - Sort Order 52** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = SQL_Latin1_General_CP1_CI_AS	**Supported Microsoft SQL Server Collation** **1. Dictionary Order Case Insensitive - Sort Order 52** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = SQL_Latin1_General_CP1_CI_AS
	2. Binary - Sort Order 50 In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = Latin1_General_BIN	**2. Binary - Sort Order 50** In the SQL Server Management Studio, right-click the SQL Server Name and click Properties: Server Collation = Latin1_General_BIN

Operating System	Microsoft Windows Server 2008 Enterprise Edition SP2 or later	Microsoft Windows Server 2012 Datacenter Edition Microsoft Windows Server 2012 R2 Datacenter Edition Microsoft Windows Server 2008 R2 Enterprise Edition SP1 or later Microsoft Windows Server 2008 Enterprise Edition SP2 or later
Processor	2 Dual Core or 4 Single Core Processors	2 Dual Core or 4 Single Core Processors
Disk Configuration	RAID 1 for operating system and applications (2 disks) RAID 1 for SQL database log files (2 disks) RAID 1 for TempDB (2 disks) RAID 0 for SQL backups (full and log) (2 disks) RAID 0+1 for data files (8 disks or more)	RAID 1 for operating system and applications (2 disks) RAID 1 for SQL database log files (2 disks) RAID 1 for TempDB (2 disks) RAID 0 for SQL backups (full and log) (2 disks) RAID 0+1 for data files (8 disks or more)
Minimum Available RAM	8 GB or more	8 GB or more
Network Card	1GB Ethernet	
Virtual Environments Supported (Optional)	Hardware Virtualization Windows Server 2012 Hyper-V Windows Server 2012 R2 Hyper-V Windows Server 2008 R2 Hyper-V Windows Server 2008 Hyper-V Software Virtualization Microsoft Application Virtualization (App-V) 5.0 For additional Virtual Technology Support, click the link below to review the Virtualization Support Policy Wizard. Choose Dynamics GP as the product. http://www.windowsservercatalog.com/svvp.aspx?svvppage=svvpwizard.htm	

NOTES

1. The following are no longer supported with Microsoft Dynamics GP 2015:

a. Windows XP all editions

b. Windows Server 2003 all editions

c. Windows Vista all editions

d. Microsoft Office 2007

e. Microsoft SQL Server 2008 all editions

f. Office Communicator 2007

2. Verify processors can be upgraded to 8 processors.

3. Additional disks will improve Microsoft SQL Server performance.

4. Verify switch is capable of handling network traffic.

5. 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: 897615 Support policy for Microsoft software running in non-Microsoft hardware virtualization software.

Remote Desktop Services Requirements

Item	Requirements	
	32-bit	**x64**
Operating System	Microsoft Windows Server 2008 SP2 or later - Enterprise Edition or Standard Edition	Microsoft Windows Server 2012 - Standard or Datacenter Edition Microsoft Windows Server 2008 R2 SP1 or later - Enterprise Edition or Standard Edition Microsoft Windows Server 2008 SP2 or later - Enterprise Edition or Standard Edition
Citrix (Optional)	Citrix XenApp	Citrix XenApp
Processor	1 Quad Core or 2 Dual Core Processors or higher	1 Quad Core or 2 Dual Core Processors or higher
Disk	RAID 1 for operating	RAID 1 for operating system

Configuration	system and applications (2 disks)	and applications (2 disks)
Minimum Available RAM	4 GB – Up to 15 concurrent users 8 GB – Up to 30 concurrent users 16 GB – Up to 60 concurrent users	4 GB – Up to 15 concurrent users 8 GB – Up to 30 concurrent users 16 GB – Up to 60 concurrent users
Network Card	1GB Ethernet	
Virtual Environments Supported (Optional)	Hardware Virtualization Windows Server 2008 Hyper-V Windows Server 2008 R2 Hyper-V Windows Server 2012 Hyper-V Software Virtualization Microsoft Application Virtualization (App-V) 5.0 For additional Virtual Technology Support, click the link below to review the Virtualization Support Policy Wizard. Choose Dynamics GP as the product. http://www.windowsservercatalog.com/svvp.aspx?svvppage=svvpwizard.htm	

NOTES

1. The following are no longer supported with Microsoft Dynamics GP 2015:

a. Windows XP all editions

b. Windows Server 2003 all editions

c. Windows Vista all editions

d. Microsoft Office 2007

e. Microsoft SQL Server 2008 all editions

f. Office Communicator 2007

2. It is recommended to have a dedicated Terminal Server/Citrix Server. There may be performance losses if Microsoft SQL Server is running on the Terminal Server/ Citrix Server. Therefore, it is highly recommended to have two separate servers. One server with Terminal Server and/or Citrix and one server with Microsoft SQL Server.

3. If using Adobe, Adobe must be installed at the Terminal Server.

4. If using Lync for Unified Communications, a remote app for Lync must also be configured and copied to the client along with the Microsoft Dynamics GP remote app. The Lync remote app must be launched first and then the Microsoft Dynamics GP remote app.

5. If accessing Citrix, the hardware and software must be supported according to the Citrix

configuration requirements.

6. Verify processors can be upgraded.

7. The amount of RAM needed depends on the number of concurrent users per
Terminal Server.

8. Verify switch is capable of handling network traffic.

9. Increased user count may require greater RAM and Processor speed.

10. Users utilizing Management Reporter or Crystal reporting via Terminal Services
may require increased hardware to increase performance.

11. 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: 897615 Support policy for Microsoft software running in non-Microsoft
hardware virtualization software.

Additional Information

1. This document represents configurations tested by Microsoft Business Solutions
and supported by Microsoft Dynamics GP 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. The following are no longer supported with Microsoft Dynamics GP 2015:

a. Windows XP all editions

b. Windows Server 2003 all editions

c. Windows Vista all editions

d. Microsoft Office 2007

e. Microsoft SQL Server 2008 all editions

f. Office Communicator 2007

3. 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, Windows Server 2008 R2 Hyper-V, Microsoft Windows
Server 2008 Hyper-V, Microsoft Application Virtualization (App-V) 5.0.
For additional Virtual Technology Support, click the link below to review the Virtualization Support
Policy Wizard. Choose Dynamics GP as the product.
http://www.windowsservercatalog.com/svvp.aspx?svvppage=svvpwizard.htm

4. The Microsoft Dynamics GP 2015 core application is supported in a peer to
peer (workgroup) environment. This environment excludes all web applications
such as Web Services, eConnect, and Management Reporter.
If web applications are used, a domain is required.

5. Click HERE for more information regarding SQL Server 2012 supported features with Microsoft

Dynamics GP 2015.

6. If you have questions regarding licensing SQL Server for use with Microsoft Dynamics GP. Please contact a Licensing Specialist at 1-800-426-9400.

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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)

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