

Hardware Requirements



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DYNAMICS GP 10.0 HARDWARE REQUIREMENTS – FINANCIALS ONLY, 1 – 5 USERS

The following profile applies if you:

- Use only Financial Series modules
- Have 0-5 concurrent users for Microsoft SQL Server, SQL Server Desktop Engine (MSDE) 2000, or SQL Server 2005 Express Edition
- Process fewer than 250 transactions a day
- Use no Web applications
- Run Microsoft Dynamics GP in a peer-to-peer environment

Component	Requirements	Notes
Database	One of the following: <ul style="list-style-type: none"> • SQL Server 2008 Standard Edition, Workgroup Edition, or Express Edition, with or without SP1 • SQL Server 2005 SP2 or SP3 Standard Edition, Workgroup Edition, or Express Edition • SQL Server 2000 SP4 Standard Edition or Workgroup Edition • MSDE 2000 SP4 	<ul style="list-style-type: none"> • Note SQL Server 2000 mainstream support ended on April 8, 2008.
Operating system	One of the following: <ul style="list-style-type: none"> • Microsoft Windows Server 2008 Standard Edition (32-bit or 64-bit), with or without SP2 • Windows Server 2003 Standard Edition SP2 or R2 Standard Edition SP2 (32-bit or 64-bit) • Windows Small 	<ul style="list-style-type: none"> • Windows Server 2008, Windows Small Business Server 2008, and Windows Essential Business Server 2008 are supported with Microsoft Dynamics GP SP2 or later only. • While you can install MSDE 2000 and SQL Server 2005 Express Edition on a non-server operating system, it is recommended you install those components on a server operating system. The only non-server operating system supported with MSDE 2000 is Windows XP Professional SP2. The only non-server operating systems supported with SQL Server

Component	Requirements	Notes
	Business Server 2008 Premium Edition <ul style="list-style-type: none"> • Windows Essential Business Server 2008 Premium Edition • Windows Small Business Server 2003 Premium Edition SP2 or R2 Premium Edition SP2 • Windows Small Business Server 2003 Standard Edition SP2 or R2 Standard Edition SP2 	2005 Express Editing are Windows XP Professional SP2 and Windows Vista. <ul style="list-style-type: none"> • The Easy Print functionality in Windows Server 2008 is not supported. • Small Business Server 2003 Standard Edition is supported with MSDE 2000 and SQL Server 2005 Express Edition only.
Processor	One dual-core or two single-core	Ensure that processors can be upgraded.
RAM	1 GB or greater	
Network card	100 MB Full Duplex or 1 GB Ethernet	
Virtual environments (optional)	Hardware Virtualization <ul style="list-style-type: none"> • Microsoft Virtual PC • Microsoft Virtual Server • Microsoft Windows Server 2008 Hyper-V Software Virtualization <ul style="list-style-type: none"> • Microsoft SoftGrid 4.2 	Each computer that you deploy in a virtual environment should meet or exceed RAM requirements and hard disk space requirements to avoid performance problems.

DYNAMICS GP 10.0 HARDWARE REQUIREMENTS – FINANCIALS ONLY

The following profile applies if you:

- Use only Financial Series modules
- Have 0-20 concurrent users for Microsoft SQL Server or 0-10 concurrent users for SQL Server Desktop Engine (MSDE) 2000 or SQL Server 2005 Express Edition
- Use Report Writer, Crystal Reports, or FRx
- Process fewer than 1,000 transactions a day
- Import very little data
- Have a dedicated server with SQL Server only
- Have a dedicated server with MSDE 2000/SQL Server 2005 Express Edition only (recommended)

Component	Requirements	Notes
Database	One of the following: <ul style="list-style-type: none"> • SQL Server 2008 Standard Edition, Workgroup Edition, or Express Edition, with or without SP1 • SQL Server 2005 SP2 or SP3 Standard Edition, Workgroup Edition, or Express Edition • SQL Server 2000 SP4 Standard Edition or Workgroup Edition • MSDE 2000 SP4 	<ul style="list-style-type: none"> • SQL Server 2000 mainstream support ended on April 8, 2008.
Operating system	One of the following: <ul style="list-style-type: none"> • Microsoft Windows Server 2008 Standard Edition (32-bit or 64-bit), with or without SP2 • Windows Server 2003 Standard Edition SP2 or R2 Standard Edition SP2 (32-bit or 64-bit) 	<ul style="list-style-type: none"> • Windows Server 2008 is supported with Microsoft Dynamics GP SP2 only. • Windows Small Business Server 2008 and Windows Essential Business Server 2008 are supported with Microsoft Dynamics GP SP2 or later only. • While you can install MSDE 2000 and SQL Server 2005 Express Edition on a non-server operating system, it is recommended you install those components on a server operating system. The only

Component	Requirements	Notes
	<ul style="list-style-type: none"> • Windows Small Business Server 2008 Premium Edition • Windows Essential Business Server 2008 Premium Edition • Windows Small Business Server 2003 Premium Edition SP2 or R2 Premium Edition SP2 • Windows Small Business Server 2003 Standard Edition SP2 or R2 Standard Edition SP2 	<p>non-server operating system supported for MSDE 2000 is Windows XP Professional SP2. The only non-server operating systems supported for SQL Server 2005 Express Edition are Windows XP Professional SP2 or Windows Vista.</p> <ul style="list-style-type: none"> • The Easy Print functionality in Windows Server 2008 is not supported. • Small Business Server 2003 Standard Edition is supported with MSDE 2000 and SQL Server 2005 Express Edition only.
Processor	One dual-core or two single-core	Ensure that processors can be upgraded.
Disk configuration (for SQL Server only)	<ul style="list-style-type: none"> • Minimum: RAID 5 for operating system, applications, and SQL database log and data files • Recommended: RAID 1 for operating system and applications; RAID 5 for SQL database log and data files 	<ul style="list-style-type: none"> • More available disks will improve SQL Server performance. • We recommend using a dual-channel fast and wide SCSI-2 controller.
RAM	1 GB or greater	
Network card	100 MB Full Duplex or 1 GB Ethernet	
Virtual environments (optional)	<p>Hardware Virtualization</p> <ul style="list-style-type: none"> • Microsoft Virtual PC • Microsoft Virtual Server • Microsoft Windows Server 2008 Hyper-V <p>Software Virtualization</p>	<p>Each computer that you deploy in a virtual environment should meet or exceed RAM requirements and hard disk space requirements to avoid performance problems.</p>

Component	Requirements	Notes
	<ul style="list-style-type: none"><li data-bbox="435 268 704 296">• Microsoft SoftGrid 4.2	

DYNAMICS GP 10.0 HARDWARE REQUIREMENTS – ALL MODULES

- Use Financial Series modules
- Use Distribution Series modules moderately
- Use Field Service Series modules
- Use Manufacturing Series or Project Series modules moderately
- Have 20-60 concurrent users
- Use Terminal Services
- Use Report Writer, Crystal Reports, or FRx
- Perform some online analytical processing (OLAP) cube generation
- Use an import routine/eConnect/Integration Manager
- Process 1,000–4,000 transactions a day originating in Sales (Sales Order Processing and/or Receivables Management), Payables Management, or General Ledger
- Have a dedicated server with SQL Server only

Component	Requirements	Notes
Database	One of the following: <ul style="list-style-type: none"> • SQL Server 2008 Enterprise Edition or Standard Edition (32-bit and 64-bit), with or without SP1 • SQL Server 2005 SP2 or SP3 Enterprise Edition or Standard Edition (32-bit and 64-bit) • SQL Server 2000 SP4 Enterprise Edition or Standard Edition 	<ul style="list-style-type: none"> • SQL Server 2000 mainstream support ended on April 8, 2008.
Operating system	One of the following: <ul style="list-style-type: none"> • Windows Server 2008 Standard Edition or Enterprise Edition (32-bit or 64-bit), with or without SP2 • Windows Server 2003 Enterprise Edition SP2, R2 Enterprise Edition SP2, Standard Edition SP2, or R2 Standard Edition SP2 (32-bit or 64-bit) 	<ul style="list-style-type: none"> • Windows Server 2008 is supported only with Microsoft Dynamics GP 10.0 SP2. • The Easy Print functionality in Windows Server 2008 is not supported
Processor	One dual-core or two single-core	Ensure that processors can be upgraded to

Component	Requirements	Notes
		four processors for Standard Edition or up to eight processors for Enterprise Edition.
Disk configuration	<ul style="list-style-type: none"> • RAID 1 for operating system and applications (two disks) • RAID 1 for SQL database log files (two disks) • RAID 5 (four disk minimum) or RAID 10 (eight disk minimum) for SQL data files • RAID 1 for TempDB (two disks)—optional, but recommended • RAID 0 for SQL backups (full disk volume and log) (two disks) 	<ul style="list-style-type: none"> • Additional disks will improve SQL Server performance. • To process more than 4,000 transactions a day, you might need to increase the number of disks in your RAID 5 disk volume. • We recommend using an Ultra SCSI 3 or Fiber Controller.
RAM	4 GB or more	If more than 2 GB of RAM is available, enable the 3 GB and/or the PAE switch in the boot.ini file if using Windows Server 2003 Enterprise Edition.
Network card	100 MB Full Duplex or 1 GB Ethernet	Ensure switch is capable of handling network traffic.
Virtual environments (optional)	<p>Hardware Virtualization</p> <ul style="list-style-type: none"> • Microsoft Virtual PC • Microsoft Virtual Server • Microsoft Windows Server 2008 Hyper-V <p>Software Virtualization</p> <ul style="list-style-type: none"> • Microsoft SoftGrid 4.2 	Each computer that you deploy in a virtual environment should meet or exceed RAM requirements and hard disk space requirements to avoid performance problems.

MICROSOFT WINDOWS SERVER 2008 SUPPORTED FEATURES AND PRODUCTS

Review the following table to verify that the features and products you're using are supported on Windows Server 2008.

Product or feature	Windows Server 2008 support	Notes
Microsoft Dynamics GP client or server installation	Yes	<ul style="list-style-type: none"> • Microsoft Dynamics GP 10.0 SP2 is required. • If User Access Control (UAC) is used on the server, you must run Microsoft Dynamics GP Utilities as an administrator. • The Easy Print functionality is not supported.
Analysis Cubes for SQL Server 2005 (client and server)	Yes	<ul style="list-style-type: none"> • SP2 of Analysis Cubes for SQL 2005 is required. • If UAC is used on the server, you must run the Microsoft.Dynamics.GP.AnalysisCubes.ConfigurationWizard.exe program as an administrator. • If UAC is used, you must run SQL Server Management Studio as an administrator to connect to Integration Services and execute packages and process cubes.
Analysis Cubes for SQL Server 2000 (client and server)	No	No compatibility is planned.
Business Portal: Benefit Self Service Suite and Certification, Licensing, and Training Manager	Yes; 32-bit only	
Business Portal: Client accessing Business Portal	Yes	<ul style="list-style-type: none"> • Business Portal for Microsoft Dynamics GP SP2 or later is required. • If UAC is used and you're running Electronic Document Delivery from the browser on a Windows Server 2008 computer, documents will not send. To work around this issue, send the documents from a computer with a different operating system or use the ScheduledSend

Product or feature	Windows Server 2008 support	Notes
		<p>executable.</p> <ul style="list-style-type: none"> The Add Users wizard will fail if you're running it from the browser on a Windows Server 2008 computer where UAC is enabled. To work around this issue, run Internet Explorer as an administrator or run the wizard on a computer with a different operating system. The Easy Print functionality is not supported.
Business Portal: IIS Server	Yes; 32-bit only	<ul style="list-style-type: none"> Business Portal for Microsoft Dynamics GP SP2 or later is required. Electronic Document Delivery is supported only with Windows Server 2008 and Windows SharePoint Services 3.0 SP1. If UAC is used and you're running Electronic Document Delivery from the browser on a Windows Server 2008 computer, documents will not send. To work around this issue, send the documents from a computer with a different operating system or use the ScheduledSend executable. The Add Users wizard will fail if you're running it from the browser on a Windows Server 2008 computer where UAC is enabled. To work around this issue, run Internet Explorer as an administrator or run the wizard on a computer with a different operating system. The Easy Print functionality is not supported.
Business Portal: Migration Utility	Yes; 32-bit only	
Catalog Maintenance	Yes; 32 bit only	
Developer Toolkit for Microsoft Dynamics GP 10.0	Yes	
Dexterity Development	Yes	<ul style="list-style-type: none"> SP2 for the Dexterity Development Tools is required.

Product or feature	Windows Server 2008 support	Notes
Tools		<ul style="list-style-type: none"> • Includes Visual Basic Application compatibility. • The DSCCS.exe service can't be launched on a 64-bit operating system. However, it can be used on a 64-bit operating system if the service is running on a 32-bit operating system.
eConnect Runtime (including the SDK)	Yes	<ul style="list-style-type: none"> • SP2 for eConnect is required. • If UAC is used, you must run the .msp file as an administrator. Type MSIEXEC, followed by the name of the .msp to run, and press ENTER.
eExpense	Yes; 32-bit only	
Enterprise Reporting 7.5	No	No compatibility is planned.
FRx Forecaster 6.7	No	Compatibility is being researched.
FRx Forecaster 7.0	Yes	SP2 for Forecaster 7.0 is required.
FRx Reporter 6.7	No	Compatibility is being researched.
FRx Web Port 6.7	No	Compatibility is being researched.
Field Service Anywhere	No	Compatibility is being researched.
Human Resources and Payroll Suite	Yes	SP2 for the Human Resources and Payroll Suite is required.
Integration Manager	Yes	<ul style="list-style-type: none"> • SP2 for Integration Manager is required. • If UAC is used, you must run the .msp file as an administrator. Type MSIEXEC, followed by the name of the .msp to use, and press ENTER.
Office SharePoint Server Wizard	Yes	<ul style="list-style-type: none"> • SP2 for the Office SharePoint Server wizard is required. • If UAC is used, you must run the Office SharePoint Server wizard as an administrator. • If you are using a 64-bit operating system, the x64

Product or feature	Windows Server 2008 support	Notes
		Dexterity Common Components must be installed before you install the Office SharePoint Server wizard.
Personal Data Keeper	Yes; 32-bit only	<ul style="list-style-type: none"> • SP2 for Personal Data Keeper is required. • If UAC is used, you must run Personal Data Keeper as an administrator when you start it for the first time.
Rapid Implementation Tools: Rapid Installation, Rapid Configuration, and Rapid Migration	No	Compatibility is being researched.
SDK for Microsoft Dynamics GP	Yes	SP2 for the Microsoft Dynamics GP 10.0 SDK is required.
Security Synchronization Utility	Yes; 32-bit only	
SmartTags	No	No compatibility is planned.
Solution Accelerator for Compliance Management	No	No compatibility is planned.
SQL Server Reporting Services deployment wizard	No	<ul style="list-style-type: none"> • SP2 for the SQL Server Reporting Services deployment wizard is required. • If UAC is used, you must run the wizard as an administrator. • If you are using a 64-bit operating system, the x64 Dexterity Common Components must be installed before you install the SQL Server Reporting Services deployment wizard.
Web Services for Microsoft Dynamics GP Runtime (including the SDK and Management Tools)	Yes	<ul style="list-style-type: none"> • SP3 or later for Web Services and the Web Services SDK is required. • If you are using a 64-bit operating system, the x64 Dexterity Common Components must be installed before you install the Web Services Runtime.

Product or feature	Windows Server 2008 support	Notes
		<ul style="list-style-type: none"> •
Workflow for Microsoft Dynamics GP	No	Yes; 32-bit only
Workflow SDK	Yes	SP2 for the Workflow SDK is required.
Visual Studio Tools for Microsoft Dynamics GP SDK	Yes	<ul style="list-style-type: none"> • SP2 for the Visual Studio Tools SDK is required. • If UAC is used, you must run dag.exe from an administrative command prompt to generate DAG assemblies.

MICROSOFT SQL SERVER 2008 FEATURES AND PRODUCTS COMPATIBILITY

Review the following table to verify that the features and products you're using are supported with SQL Server 2008.

Product or feature	SQL Server 2008 support	Notes
Microsoft Dynamics GP client or server installation	Yes	Microsoft Dynamics GP 10.0 SP2 is required.
Analysis Cubes for SQL Server 2005 (client and server)	Yes	SP3 for Analysis Cubes for SQL Server 2005 is required.
Analysis Cubes for SQL Server 2000 (client and server)	No	No compatibility is planned.
Business Portal: Benefit Self Service Suite and Certification, Licensing, and Training Manager	Yes	
Business Portal: Client accessing Business Portal	Yes	Business Portal for Microsoft Dynamics GP SP2 or later is required.
Business Portal: IIS Server	Yes	Business Portal for Microsoft Dynamics GP SP2 is required.
Business Portal: Migration Utility	Yes	Business Portal for Microsoft Dynamics GP SP2 is required.
Catalog Maintenance	Yes	Business Portal for Microsoft Dynamics GP SP2 is required.
Developer Toolkit for Microsoft Dynamics GP 10.0	Yes	
Dexterity Development Tools	Yes	<ul style="list-style-type: none"> • SP2 for the Dexterity Development Tools is required. • Includes Visual Basic Application compatibility.
eConnect Runtime (including the SDK)	Yes	SP2 for eConnect is required.
eExpense	Yes	
Enterprise Reporting 7.5	No	No compatibility is planned.

Product or feature	SQL Server 2008 support	Notes
FRx Forecaster 6.7	No	Compatibility is being researched.
FRx Forecaster 7.0	No	Compatibility is being researched.
FRx Reporter 6.7	No	Compatibility is being researched.
FRx Web Port 6.7	No	Compatibility is being researched.
Field Service Anywhere	No	
Human Resources and Payroll Suite	Human Resources and Payroll SuiteYes	SP2 for the Human Resources and Payroll Suite is required.
Integration Manager	Yes	SP2 for Integration Manager is required.
Office SharePoint Server Wizard	Yes	SP2 for the Office SharePoint Server wizard is required.
Personal Data Keeper	Yes	SP2 for Personal Data Keeper is required.
Rapid Implementation Tools: Rapid Installation, Rapid Configuration, and Rapid Migration	No	Compatibility is being researched.
SDK for Microsoft Dynamics GP	Yes	SP2 for the Microsoft Dynamics GP 10.0 SDK is required.
Security Synchronization Utility	Yes	
SmartTags	No	No compatibility is planned.
Solution Accelerator for Compliance Management	No	No compatibility is planned.
SQL Server Reporting Services deployment wizard	No	SP3 for the SQL Server Reporting Services wizard is required.
Web Services for Microsoft Dynamics GP Runtime (including the SDK and Management Tools)	Yes	SP2 or later for the Web Services SDK is required.
Workflow for Microsoft Dynamics GP	Yes	<ul style="list-style-type: none"> • SP2 for Workflow is required. • Microsoft Office SharePoint

Product or feature	SQL Server 2008 support	Notes
		Server SP2 is required.
Workflow History Archiving Utility	Yes	SP2 for Workflow is required. This utility is installed with the service pack.
Workflow SDK	Yes	SP2 for the Workflow SDK is required.
Visual Studio Tools for Microsoft Dynamics GP SDK	Yes	SP2 for the Visual Studio Tools SDK is required.

64-BIT OPERATING SYSTEMS SUPPORTED MODULES

Review the following table to verify that the features and products you're using are supported on a 64-bit operating system.

Product or feature	64-bit support	Notes
Microsoft Dynamics GP client or server installation	Yes	<ul style="list-style-type: none"> • Microsoft Dynamics GP 10.0 SP3 or later is required to use the U.S. Payroll Tax Update Engine. • The Field Service e-mail feature will not work on a 64-bit server.
Analysis Cubes for SQL Server 2005 (client and server)	Yes	
Analysis Cubes for SQL Server 2000 (client and server)	No	No compatibility is planned.
Business Portal: Benefit Self Service Suite and Certification, Licensing, and Training Manager	No	
Business Portal: Client accessing Business Portal	Yes	The IIS server must be on a 32-bit server.
Business Portal: IIS Server	No	Not compatible with 64-bit operating systems until the next release of Microsoft Dynamics GP.
Business Portal: Migration Utility	No	Not compatible with 64-bit operating systems until the next release of Microsoft Dynamics GP.
Catalog Maintenance	No	Not compatible with 64-bit operating systems until the next release of Microsoft Dynamics GP.
Developer Toolkit for Microsoft Dynamics GP 10.0	Yes	
Dexterity Development Tools	Yes	<ul style="list-style-type: none"> • Includes Visual Basic Application compatibility. • The DSCCS.exe service must run on a 32-bit operating system, but the service can be accessed from a 64-bit operating system.

Product or feature	64-bit support	Notes
eConnect Runtime (including the SDK)	Yes	
eExpense	No	No compatibility is planned
Enterprise Reporting 7.5	No	No compatibility is planned.
FRx Forecaster 6.7	No	No compatibility is planned.
FRx Forecaster 7.0	No	No compatibility is planned.
FRx Reporter 6.7	No	<ul style="list-style-type: none"> No compatibility is planned. SYSDATA must be on a 32-bit server.
FRx Web Port 6.7	No	No compatibility is planned.
Field Service Anywhere	No	Compatibility is being researched.
Human Resources and Payroll Suite	Yes	
Integration Manager	Yes	
Office SharePoint Server Wizard	Yes	You must install the 64-bit Dexterity Common Components before you install the Office SharePoint Server Wizard.
Personal Data Keeper	No	Not compatible with 64-bit operating systems until the next release of Microsoft Dynamics GP.
Rapid Implementation Tools: Rapid Configuration and Rapid Migration	No	
SDK for Microsoft Dynamics GP	Yes	
Security Synchronization Utility	No	Not compatible with 64-bit operating systems until the next release of Microsoft Dynamics GP.
SmartTags	No	No compatibility is planned.
Solution Accelerator for Compliance Management	No	No compatibility is planned.
SQL Server Reporting Services Wizard	Yes	You must install the 64-bit Dexterity Common Components before you install the SQL Server Reporting Services Wizard.
Web Services for Microsoft Dynamics	Yes	<ul style="list-style-type: none"> You must install the 64-bit Dexterity

Product or feature	64-bit support	Notes
GP Runtime (including the SDK and Management Tools)		Common Components before you install the Web Services Runtime.
Workflow for Microsoft Dynamics GP	No	Not compatible with 64-bit operating systems until the next release of Microsoft Dynamics GP.
Workflow for Microsoft Dynamics GP SDK	No	
Workflow History Archiving Utility	No	Not compatible with 64-bit operating systems until the next release of Microsoft Dynamics GP.
Visual Studio Tools for Microsoft Dynamics GP SDK	Yes	Requires Microsoft Dynamics GP 10.0 SP1 or later to use the Dag.exe tool.
