

Public



SAP Business One System Requirements

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THE BEST-RUN BUSINESSES RUN SAP™



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Introduction

This document details hardware and software requirements for the SAP Business One full product version within a typical client-server configuration and within hosted environments. In addition, the document details memory requirements for SAP add-ons.

Caution:

Before you start the implementation, make sure you have the latest version of this document. You can find the latest version in the **SAP Channel Partner Portal** at the following internet address:

<http://channel.sap.com/sbo/documentation>.

Note:

* You can find an overview of the latest released platform versions in the **SAP Channel PartnerPortal** at the following internet address: <http://channel.sap.com/sbo/platforms>

* Additional information on best-practices regarding system setup and sizing can be found in the **Best-Practice System Setup and Sizing Document** at

http://service.sap.com/~form/sapnet?_SHORTKEY=01100035870000706968&_SCENARIO=011000358700000183&_ADDINC=011000358700001192682007E&_OBJECT=011000358700001077772007

Document History

The following table provides an overview on the most important document changes.

Version	Date	Description
1.0	03/13/2008	Initial version
2.0	08/26/2008	Addition of Windows XP SP3 in "Supported workstation platforms" and VMWare ESX 3.0 - in the „Supported server platforms“

Hardware requirements

This section lists the hardware requirements for SAP Business One.

Minimal hardware requirements for non-hosted environments

The table below lists the minimum hardware requirements for SAP Business One servers.

Component	2005 Release	2007 Release	Notes and Comments
<i>Processor</i>	1x Intel Pentium 4 (or equivalent)	1x Intel Pentium 4 (or equivalent)	Note: Dual-core processors are supported by SAP Business One on both client side and server side.
<i>Memory</i>	1GB	1GB	Note: For over 10 users, please refer to the Best-Practice System Setup and Sizing Document for further information.
<i>Free Hard Disk</i>	System partition 0.5 GB	System partition 0.5 GB	
	Data partition 2 GB	Data partition 2 GB	
<i>Drive</i>	DVD-ROM	DVD-ROM	
<i>Display</i>	640X 480 with 256 colors or higher	640 X 480 with 256 colors or higher	

The table below lists the minimum hardware requirements for SAP Business One Workstations.

Component	2005 Release	2007 Release	Notes and Comments
<i>Processor</i>	1x Intel Pentium 3 (or equivalent)	1x Intel Pentium 3 (or equivalent)	Note: Dual-core processors are supported by SAP Business One on both client side and server side.
<i>Memory</i>	128 MB	256 MB	Note: Some add-ons may require additional memory. For specific requirements, contact your solution provider. Note: The Vista operating system requires a hardware upgrade. Please refer to the Best-Practice System Setup and Sizing Document for details.. Recommendation: Memory consumption for Add-ons can be significantly reduced using a new connection interface in SDK 2007 A.
<i>Hard disk</i>	512 MB	512 MB	
<i>Drive</i>	DVD-ROM	DVD-ROM	
<i>Display</i>	800 x 600 with 24-bit colors or higher	800 X 600 with 24-bit colors or higher	

RAM requirements for SAP add-ons

The table below lists the RAM requirements for SAP add-ons.

Add-On	2004 Release	2005 Release	2007 Release
<i>Copy Express</i>	Not available	60MB~90MB	60MB~90MB
<i>DATEV</i>	60MB~110MB	60MB~110MB	60MB~110MB
<i>ELSTER</i>	50MB~70MB	50MB~70MB	50MB~70MB

Fixed Assets	90MB~300MB	90MB~300MB	90MB~300MB
Intrastat	60MB~200MB	60MB~200MB	60MB~200MB
Outlook Integration	80MB~100MB	80MB~100MB	80MB~100MB
Payment Engine (including Cash and Bank)	130MB~160MB	140MB~170MB	130MB~160MB
Format Definition	Not available	Not available	40MB~80MB
Stampit	80MB~110MB	80MB~110MB	Discontinued
Support Tools	60MB~80MB	60MB~80MB	<i>Note: The Support Tools Add-On has been completely integrated into SAP Business One.</i>
Advanced Designer Layout	110MB~120MB	110MB~120MB	110MB~120MB
BC Sets	60MB~70MB	50MB~60MB	<i>Not available</i> <i>Note: As of the 2007 release, the BC Sets Add-On has been replaced by the Copy Express Add-On.</i>
XL Reporter	300MB~400MB	300MB~400MB	<i>Note: The XL Reporter Add-On has been completely integrated into SAP Business One in version 2007.</i>

Hardware requirements for hosted environments

The table below lists the minimum hardware requirements for hosted environments.

RAM Requirements
CITRIX XenApp Edition or Windows Terminal Services hardware requirements, as stipulated by the manufacturer.
Per user: <ul style="list-style-type: none"> ■ SAP Business One application – 60MB~80MB ■ Citrix Client Session – For recommended requirements, refer to Citrix documentation ■ Each DI API Add-On adds a minimum of 60MB. For recommended requirements, contact your solution provider.

Example:

Your system is required to run:

- 4 SAP add-ons
- 1 solution add-on
- 10 SAP Business One users

Calculate the required memory as follows:

- Each add-on requires 60MB x 5 add-ons = **300MB~400MB** for all five add-ons
- Each user requires 60MB~80MB (application) + 300MB~400MB (Add-ons) + 40MB~50MB (Citrix session) = 400MB~530MB x 10 users = **4GB– 5GB** in total

Supported dot-matrix printers

The following dot-matrix printers are supported by SAP Business One.

- Citizen PROdot 300
- Epson FX-880
- OKI MICROLINE 320 Elite

Note:

SAP Business One does not support integrated printers (printer / fax / scanner / copier combined machines).

Software requirements

This section lists the software requirements for SAP Business One.

Note: SAP Business One supports only English versions of database, operating system, and server platforms.

Supported database platforms

The table below lists the supported database platforms.

Supported Database Platforms	2005 Release	2007 Release
Microsoft® SQL Server 2005 SP2 Standard/Enterprise Edition 32bit/64bit (only on Windows 2003 Server) or Microsoft® SQL Server 2005 SP2 Express/Workgroup ⁽³⁾ Edition 32bit	X ^(4,5)	X ⁽⁵⁾
Microsoft® SQL Server 2000 SP4 Standard/Enterprise Edition	X	X ⁽¹⁾
IBM DB2 Express 8.2 FixPak 2	X	
IBM DB2 Express 9.1 FixPak 2		X ⁽²⁾

(1) Caution: Only for upgrading customers and until end of maintenance program — April 2008.

(2) Supported as of 2007 A PL11.

(3) SQL Server 2005 Workgroup Edition is only supported with Windows Small Business Server (SBS) 2003 and only in 32bit mode.

(4) This is relevant as of the SAP Business One 2005 SP 01 release, and only on Windows 2003 Server operating systems. This applies to all 2003 server versions including SBS.

(5) As of SAP Business One Release 2007 A PL39 and 2007 B PL04, the application supports Microsoft SQL Server 2005 Express Edition. Before installing, make sure that you carefully read the [Installation Guide for 2007 A / 2007 B on MS SQL Server 2005 Express Edition](#), also published in the [Documentation Resource Center](#), and consider the system limitations with respect to database size, productive users, and more.

Note: SAP Business One does not support Itanium-based 64-bit (ia64) server platforms or any other UNIX derivatives.

Supported server platforms

The table below lists the supported server platforms.

Supported Server Platforms	2005 Release	2007 Release
Microsoft® Windows Server 2003 R2 Standard / Enterprise 32-bit / 64-bit editions Note: Including Windows Terminal Services.	X ⁽¹⁾	X
Microsoft® Windows Server 2003 SP2 Standard / Enterprise 32-bit / 64-bit editions Note: Including Windows Terminal Services.	X ⁽²⁾	X ⁽³⁾
Microsoft® Windows Small Business Server 2003 R2 Standard / Premium 32-bit editions	X ⁽⁴⁾	X
Microsoft® Windows Small Business Server 2003 SP1 Standard / Premium 32-bit editions	X	X

Microsoft® Windows Server 2008 - 32 Bit- Standard & Enterprise Edition		X ⁽¹¹⁾
Microsoft® Windows XP SP3 Professional 32-bit editions	X ^(5,9)	X ^(5,10)
Microsoft® Windows Vista Business / Enterprise / Ultimate Edition 32-bit		X ⁽⁵⁾
Microsoft® Windows Vista Business / Enterprise / Ultimate Edition 64-bit		X ^(5,10)
Citrix XenApp Edition 4.0 ^{(6) (7)} Advanced, Enterprise	X	X ⁽³⁾
Citrix XenApp Edition 4.5 ^{(6) (7)} Advanced, Enterprise	X	X ⁽³⁾
VMware ESX 3.0		X ⁽⁸⁾

- (1) Supported as of 2005 A SP01 PL16, Add-Ons 2005 SP01 PL50 and 2005 B PL10.
Exception: XL Reporter 2005 SP01 supports 64-bit mode as of its PL30.
- (2) Supported as of 2005 A SP01 PL19, Add-Ons 2005 SP01 PL50 and 2005 B PL10.
Exception: XL Reporter 2005 SP01 supports 64-bit mode as of its PL30.
- (3) Supported as of 2007 A PL03.
- (4) Supported as of 2005 SP01 PL27 and 2005 B PL25.
- (5) For standalone installations only.
- (6) Supported statement of Citrix XenApp Edition 4.0 is based on the [SAP Business One on Citrix XenApp Edition – Deployment Considerations](#) guide by Citrix Systems, Inc.
- (7) For details on how to install XL Reporter 2005 or XL Reporter 2007 automatically using terminal services, such as Windows Terminal Services or Citrix XenApp Edition, please refer to the [Software Download](#) section on the [XL Reporter Landing Page](#).
- (8) Supported as of 2007 A PL35
The confirmation for 2007 B is still pending and will be announced when available
- (9) Supported as of 2005 A SP01 PL46 and 2005 B PL42
- (10) Supported as of 2007 A PL37 and 2007 B PL05
- (11) Supported as of 2007 A PL46 and 2007 B PL09
- Note: SAP Business One does not support Itanium-based 64-bit (ia64) server platforms or any other UNIX derivatives.**

Supported workstation platforms

The table below lists the supported workstation platforms.

Supported Workstation Platforms	2005 Release	2007 Release
Microsoft® Windows XP SP3 Professional Edition 32-bit	X ⁽²⁾	X ⁽³⁾
Microsoft® Windows Vista Business / Enterprise / Ultimate Edition 32-bit		X ⁽¹⁾
Microsoft® Windows Vista Business / Enterprise / Ultimate Edition 64-bit		X ⁽³⁾

(1) Supported as of 2007 A PL03

(2) Supported as of 2005 A SP01 PL46 and 2005 B PL42

(3) Supported as of 2007 A PL37 and 2007 B PL05

Supported desktop applications

The table below lists the supported desktop applications.

Supported Desktop Platforms	2005 Release	2007 Release
Microsoft® Office 2007 Standard / Professional editions	X ⁽¹⁾	X ⁽²⁾
Microsoft® Office 2003 SP3 Standard / Professional editions	X ⁽³⁾	X

(1) XL Reporter 2005 supports Microsoft® Office 2007 as of XL Reporter 2005 SP01 PL30.

(2) XL Reporter 2007 supports Microsoft® Office 2007 as of Business One 2007 A PL08.

(3) Outlook Integration 2005 supports Microsoft® Office 2007 as of SAP Business One 2005A SP01 PL32

Additional Software requirements

The table below lists the software requirements for servers.

Software Requirements Server
Microsoft® Internet Explorer 6.0 SP1 or higher
Microsoft® Data Access Components 2.6 (MDAC) or higher
Microsoft® .NET SDK
Note: Only for systems running the IBM DB2 Universal Database Express edition

The table below lists the software requirements for clients.

Software Requirements Client
Microsoft® Internet Explorer 6.0 SP1 or higher
Microsoft® Data Access Components 2.6 (MDAC) or higher
Note: To send faxes from SAP Business One, it is recommended to install Microsoft® Fax Services. Symantec WinFax Pro 10.0 is no longer supported by Symantec, but may be used with SAP Business One if it is already installed.