

**PUBLIC**

## **Sizing Guide**



# **Solutions from SAP**

## **SAP Business One 2007 A**

### **Target Audience**

- SAP Business One Partners
- System Administrators

Document version: 1.1 – 04/30/2007

## Document History



### 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>.

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

Version	Date	Description
1.2	4/30/2007	Support in Intel Pentium D and Intel Core Duo processors Support in Windows 2003 Server SP1 64bit edition and SQL Server 2005 SP2 64bit edition Support in OKI MICROLINE 320 Elite dot matrix printer
1.1	3/15/2007	SQL Server 2005 SP2 supported
1.0	2/21/2007	Release Version

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# Table of Contents

<i>Chapter 1</i>	<b>About this Guide</b> . . . . .	<u>5</u>
<i>Chapter 2</i>	<b>Requirements for Non-Hosted Environments</b> . . . . .	<u>7</u>
2.1	Hardware Requirements . . . . .	<u>7</u>
2.2	Supported Database Platforms . . . . .	<u>8</u>
2.3	Supported Server and Workstation Platforms . . . . .	<u>9</u>
2.4	Supported Desktop Platforms . . . . .	<u>9</u>
2.5	SAP Add-on Requirements . . . . .	<u>9</u>
<i>Chapter 3</i>	<b>Hardware Requirements for Hosted Environments</b> . . . . .	<u>11</u>





# 1 About this Guide

This document details hardware and software requirements for 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.

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## 2 Requirements for Non-Hosted Environments

This section describes the requirements for SAP Business One in a client-server configuration within a **non**-hosted environment.



Note

The supported database servers may require additional hardware or software components. Refer to the respective database vendor documentation for specific details.

### 2.1 Hardware Requirements

#### SAP Business One Server

Component	Minimal	Recommended
Processor	1x Intel Pentium 4	<ul style="list-style-type: none"> <li>■ 3-20 Users: 1 x Intel Pentium 4/Pentium D/Xeon</li> <li>■ 21-75 Users: 2 x Intel Pentium 4/Pentium D/Xeon</li> <li>■ 75+ Users: 4 x Intel Pentium 4/Pentium D/Xeon</li> </ul>
Memory	1GB	2 GB + 64 MB per each additional user above 10
Free Hard Disk	System partition 0.5 GB Data partition 2 GB	System Partition 1 GB Data partition 10 GB
Drive	DVD-ROM	DVD-ROM
Display	640 X 480 with 256 colors or higher	1024 X 768 with 24Bit colors or higher
Additional Software	Microsoft® Internet Explorer 6.0 SP1 or higher	
	Microsoft® Data Access Components 2.6 (MDAC) or higher	

#### Supported Dot Matrix Printers

SAP Business One supports these models of dot matrix printers:

- 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).

**SAP Business One Workstation**

Component	Minimal	Recommended
Processor	1x Intel Pentium 3	Intel Pentium 4 Intel Pentium D Intel Pentium Core Duo
Memory	256 MB	512 MB + 60–80 MB per additional add-on running on the workstation.   Recommendation Memory consumption for add-ons can be significantly reduced using a new connection interface in SDK 2007 A.   Note Some add-ons may require additional memory. For specific requirements, contact your solution provider.
Hard disk	512 MB	512 MB
Drive	DVD-ROM	DVD-ROM
Display	800 X 600 with 24Bit colors or higher	1024 X 768 with 24Bit colors or higher
Additional Software	Microsoft® Internet Explorer 6.0 SP1 or higher	
	Microsoft® Data Access Components 2.6 (MDAC) or higher	

## 2.2 Supported Database Platforms

Microsoft® SQL Server 2005 SP2 Standard/Enterprise Edition 32bit/64bit (only on Windows 2003 Server)

or

Microsoft® SQL Server 2005 SP2 Workgroup Edition 32bit

Microsoft® SQL Server 2000 SP4 Standard or Enterprise Edition



Caution

Only for upgrading customers and until end of maintenance program — April 2008.

## 2.3 Supported Server and Workstation Platforms

### Server Platforms

Microsoft® Windows Server 2003 R2 Standard/Enterprise 32bit
Microsoft® Windows Small Business Server 2003 R2 Standard/Premium Edition
Microsoft® Windows Server 2003 SP1 Standard/Enterprise 32bit/64bit
Microsoft® Windows Small Business Server 2003 SP1 Standard/Premium Edition
Microsoft® Windows XP SP2 Professional Edition 32bit



Note

For standalone installations only.

### Workstation Platforms

Microsoft® Windows XP SP2 Professional 32Bit
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## 2.4 Supported Desktop Platforms

Microsoft® Office 2007 Standard & Professional
Microsoft® Office 2003 SP1 Standard & Professional
Microsoft® Office XP SP2 Professional

## 2.5 SAP Add-on Requirements

The memory requirement of each add-on should be added to the memory requirements of the workstation intended to run the add-on.

The following table lists memory requirements for each SAP add-on.

RAM Requirements for SAP Add-ons

Add-on	2004 A Release	2005 A Release	2007 A Release
Cash and Bank	60MB ~ 70MB	70MB ~ 80MB	60MB ~ 70MB
Copy Express	60MB ~ 90MB	60MB ~ 90MB	60MB ~ 90MB
Datev	60MB ~ 110MB	60MB ~ 110MB	60MB ~ 110MB
Elster	50MB ~ 70MB	50MB ~ 70MB	50MB ~ 70MB
Fixed Asset	90MB ~ 300MB	90MB ~ 300MB	90MB ~ 300MB

Add-on	2004 A Release	2005 A Release	2007 A Release
Intrastat	60MB ~ 200MB	60MB ~ 200MB	60MB ~ 200MB
Outlook Integration	80MB ~ 100MB	80MB ~ 100MB	80MB ~ 100MB
Payment Engine	70MB ~ 90MB	70MB ~ 90MB	70MB ~ 90MB
Format Definition	Not Available	Not Available	40MB ~ 80MB
StampIT	80MB ~ 110MB	80MB ~ 110MB	Not Available
Support Tools	60MB ~ 80MB	60MB ~ 80MB	Not Available
ALD	110MB ~ 120MB	110MB ~ 120MB	110MB ~ 120MB
BCSet	60MB ~ 70MB	50MB ~ 60MB	Not Available

## 3 Hardware Requirements for Hosted Environments

This section describes memory requirements for SAP Business One within hosted environments.

### Component

CITRIX Presentation Server or Windows Terminal Services hardware requirements, as stipulated by the manufacturer:

Memory per user:

- SAP Business One application – 60MB ~ 80MB
- Citrix Client Session – 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

# Typographic Conventions

Example	Description
< >	Angle brackets indicate that you replace these words or characters with appropriate entries to make entries in the system, for example, “Enter your <User Name>”.
▶ ▶ ◀	Arrows separating the parts of a navigation path, for example, menu options
<b>Example</b>	Emphasized words or expressions
<b>Example</b>	Words or characters that you enter in the system exactly as they appear in the documentation
<u>Example</u>	Textual cross-references to an internet address, for example, <a href="http://www.sap.com">http://www.sap.com</a>
/example	Quicklinks added to the internet address of a homepage to enable quick access to specific content on the Web
<u>123456</u>	Hyperlink to an SAP Note, for example, SAP Note <a href="#">123456</a>
<i>Example</i>	<ul style="list-style-type: none"> <li>■ Words or characters quoted from the screen. These include field labels, screen titles, pushbutton labels, menu names, and menu options.</li> <li>■ Cross-references to other documentation or published works</li> </ul>
Example	<ul style="list-style-type: none"> <li>■ Output on the screen following a user action, for example, messages</li> <li>■ Source code or syntax quoted directly from a program</li> <li>■ File and directory names and their paths, names of variables and parameters, and names of installation, upgrade, and database tools</li> </ul>
EXAMPLE	Technical names of system objects. These include report names, program names, transaction codes, database table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE
<b>EXAMPLE</b>	Keys on the keyboard

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