

IRis 4.0—Specifications

RECOMMENDED system for:

- DEMO version of IRis 4.0
- Any PRODUCTION version where the database is on the same machine as IRis 4.0 client applications (e.g. a standalone system with no LAN server)

*Note: The DEMO version of IRis 4.0 has a higher system recommendation than the PRODUCTION version of IRis due to the fact that in all DEMO installations the SQL Express demo database is installed on the **same machine** as the client applications. In the PRODUCTION version, the SQL Express or SQL Server database is normally installed on the LAN Server, which reduces the memory requirement for the client machines.*

Feature	Recommendation
Processor	Pentium III, any mega hertz
Memory	3 GB or more
Disk Drive	10 GB
CD-ROM Drive	20/48x speed
Network Card	If PC is on a local area network, needs to be compatible to a 3COM Ethernet 10/100 or token ring, whichever is applicable.
Display	17" color using 1024x768 resolution or higher-resolution video adapter and monitor. <i>Note: 15" color monitor using 600x800 resolution minimum.</i>
Other Devices	Microsoft Mouse or compatible pointing device
Software	
Operating System	MS Windows 2000 Professional SP4 (<i>minimum; more current operating system is recommended</i>) MS Windows XP SP2 or later MS Windows 2000 Server SP4 or later Windows Server 2003 Standard, Enterprise, or Datacenter editions with SP1 or later Windows Server 2003 Web Edition SP1 Windows Small Business Server 2003 with SP1 or later Windows XP Embedded SP2 Feature Pack 2007 Windows Embedded for Point of Service SP2 Full compatibility with MS Windows Vista is undetermined at this time
Office Automation	MS Office 2000 or higher
Other Requirements	MS Internet Explorer 6.0 SP1 or later MS .NET 2.0 Framework

NOTES:

- SQL Server 2005 does not support the Banyan VINES Sequenced Packet protocol (SPP), Multiprotocol, AppleTalk, or NWLink IPX/SPX network protocols. Clients previously connecting with these protocols must select a different protocol to connect to SQL Server 2005.
- SQL Server 2005 Express Edition will also run on Microsoft Windows Server 2003 64-bit x64 Standard, Enterprise, or Datacenter edition with Service Pack 1 or later running in Windows on Windows.

RECOMMENDED system for:

- PRODUCTION version of IRis 4.0 whenever the IRis 4.0 database is on a separate LAN (file) server from the client machine.

Feature	Recommendation
Processor	Pentium III, 733 mega hertz
Memory	1 GB or more
Disk Drive	10 GB
CD-rom Drive	20/48x speed
Network Card	If PC is on a local area network, needs to be compatible to a 3COM Ethernet 10/100 or token ring, whichever is applicable.
Monitor	17" color using 1024x768 resolution or higher. <i>Note: 15" color monitor using 600x800 resolution minimum.</i>
Software:	
Operating System	See other side of this sheet
Office Automation	MS Office 2000 or higher

MINIMUM system for running IRis 4.0 or any of its components (such as eDirectory):

- Pentium processor with 64 MB RAM 300 MB hard disk
- CD-ROM Modem and Internet access (to use mass email and hotlink functions)
- Windows 98 Performance satisfaction cannot be guaranteed using the MINIMUM requirements.

Microsoft SQL Server or MSDE LAN Server Minimum Requirements

IRis 4.0 is SQL-based, therefore, if you plan to have 6+ people logged into IRis simultaneously, you will need to install the IRis 4.0 software application to a file server running a full license of MS SQL Server (any version). On the other hand, if you will have 5 or less people using IRis simultaneously, you do not have to have MS SQL Server running on your file server – you can install SQL Express (formerly MSDE) which is included on our installation CD.

Notes:

Unless the SQL Express version of IRis 4.0 is used, a license for Microsoft SQL Server must be purchased from Microsoft. This SQL Server license is not supplied by SunCoast. Additionally, an AIRS/2-1-1 LA taxonomy subscription must be purchased from 2-101 Los Angeles if you plan to use the features which support the AIRS/2-1-1 LA Taxonomy (visit www.211taxonomy.org for more information).

MINIMUM server requirements for SQL Express:

- Windows 2000 or better
- 3 GB RAM
- 1 GB Hard Drive space required
- For LAN: Windows-based networking (recommended)

IRis 4.0 – Specs in Detail

Visual FoxPro 9.0

1. Is Visual Foxpro 9 SP2 compatible with 64-bit Vista?

Quote from: <http://social.msdn.microsoft.com/Forums/en-US/visualfoxprogeneral/thread/d62d3c57-c51e-42ca-ab2d-ddd568202659>

Yes it is compatible. I think it will not be faster because it will still work on 32 bits....

2. VFP is no longer in production at MS.

Quote from: <http://social.msdn.microsoft.com/Forums/en-US/visualfoxprogeneral/thread/420b6686-1317-46c1-b22f-629e655b76bf/>

VFP will be in production and supported to at least 2014, probably longer since this is such a well known language.

3. Observation from Cathy:

From what I can see MS will not support the VFP ODBC driver for 64-bit. For IRis that doesn't mean much since we don't use VFP tables.

SQL 2005 Express

1. Running SQL 2005 Express on a 64-bit OS:

Quoted from: <http://msdn.microsoft.com/en-us/library/ms345154.aspx>

64-bit Support

SQL Server Express will support Windows on Windows (WOW) on x64 platforms. WOW essentially means running a 32-bit Express on 64-bit machines. SQL Server Express will not install on IA-64 machines.

IA-64 definition: <http://en.wikipedia.org/wiki/Itanium>

Itanium is the brand name for 64-bit [Intel microprocessors](#) that implement the **Intel Itanium architecture** (formerly called **IA-64**)

Known Issues: can't find any

SQL Server 2005

Note about SQL 2008: IRis 4.0 will run with SQL 2008. SQL 2008 is not backwards compatible. This will be an issue when the customer sends IRis technical support their database for trouble shooting and for setting up and IFTW 4 account.

1. SQL Server 2005 64-bit System Requirements

Quoted from: <http://www.microsoft.com/SqlServer/2005/en/us/system-requirements.aspx#64>

This table shows hardware requirements for installing and running SQL Server 2005 on the 64-bit platform.

SQL Server 2005 (64-bit)	Processor type ¹	Processor speed ²	Memory (RAM) ³
SQL Server 2005 Enterprise Edition ⁴ SQL Server 2005 Developer Edition SQL Server 2005 Standard Edition	IA64 minimum: Itanium processor or higher x64 minimum: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support	IA64 minimum: 1 GHz IA64 recommended: 1 GHz or more x64 minimum: 1 GHz x64 recommended: 1 GHz or more	IA64 minimum: 512 MB IA64 recommended: 1 GB or more IA64 maximum: 32 TB Operating system maximum Minimum: 512 MB x64 recommended: 1 GB or more x64 maximum: Operating system maximum

¹ System Configuration Checker (SCC) will block Setup if the processor type requirement is not met.

² SCC will warn the user but will not block Setup if the minimum or recommended processor speed check is not met.

³ SCC will warn the user but will not block Setup if the minimum or recommended RAM check is not met. Memory requirements are for this release only, and do not reflect additional memory requirements of the operating system. SCC verifies the memory available when Setup starts.

⁴ SQL Server 2005 Evaluation Edition supports the same feature set as SQL Server 2005 Enterprise Edition.

SQL Server 2005 on Windows Server 2008 and Windows Vista

In an effort to provide customers with more secure products, Microsoft Windows Server 2008 and Microsoft Windows Vista are supported by SQL Server 2005 Express Edition Service Pack 1 (SP1), and for all other editions will be supported by SQL Server 2005 Service Pack 2 (SP2) or later when it becomes available. Earlier versions of SQL Server, including SQL Server 2000 (all editions including Desktop Engine edition, a.k.a MSDE), SQL Server 7.0, and SQL Server 6.5, will not be supported on Windows Server 2008 or Windows Vista. Customers running applications with these earlier versions of SQL Server should consider evaluating and upgrading to SQL Server 2005, which was designed to take advantage of the upcoming security and performance enhancements in the operating environment.

2. Known Issues:

Quoted from: <http://support.microsoft.com/kb/936302> - go to this link to view issues

List of known issues when you install SQL Server 2005 on Windows Server 2008

Important SQL Server 2005 requires Microsoft SQL Server 2005 Service Pack 2 (SP2) to run on Windows Server 2008 and Vista SP1. You must first install the full release version of SQL Server 2005 before you can apply SQL Server 2005 SP2.