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SQL Server

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[Product Information](#)**Pricing & Licensing****SQL Server 7.0**

When you choose SQL Server 7.0 to meet your organization's database needs, you'll find a number of pricing and licensing options available. Use this page to get the information on various offers and upgrades that will help you make the best decision.

Take advantage of the [SQL Server 2000 Technology Guarantee](#) and upgrade your current version of SQL Server 7.0 to SQL Server 2000 for the cost of shipping and handling, plus applicable taxes.

Note: SQL Server 6.5 is no longer shipping. To acquire that product, you must first acquire SQL Server 7.0, and then order the SQL Server 6.5 Standard media and documentation sets. Open and Select customers can call Worldwide Fulfillment directly at (800) 248-0655. Retail customers can contact Microsoft at (800) 360-7561.

If you're an independent software vendor (ISV) or a solution provider (SP), read also about Microsoft's [volume licensing programs](#). For a more comprehensive overview of BackOffice family pricing and licensing, read [A Guide to BackOffice Pricing and Licensing](#).

What's covered on this page:

- [Licensing Policies](#)
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Licensing Policies

A server license is the license to install and run a specific Microsoft product on a particular server. A Client Access License (CAL), in contrast, is required to allow a workstation to access a Microsoft server product.

For every server on which SQL Server is installed, you must acquire a server license for either the standard edition or the Enterprise edition of SQL Server, depending on which edition is installed.

You must also acquire a SQL Server CAL for a "device"—workstation, terminal, pager, etc.—to access or utilize the services or functionality of either edition of SQL Server. Currently, the only exceptions are:

- Communications exclusively between SQL Servers do not require CALs.
- SQL Internet Connector can be used in lieu of CALs in some Internet scenarios by qualified types of users.

You can deploy your SQL Server CALs in either per seat or per server mode. "Per seat" licensing

means you acquire a CAL for each device that connects to any licensed SQL Server server. For example, you might have a SQL Server–based accounting application on one server, a SQL Server–based human resources application on another server, and 150 client personal computers, all of which may need access to either application at any one time. In this case, you should buy two SQL Server server licenses, and 150 SQL Server CALs deployed in per seat mode.

"Per server" (or "concurrent") licensing, in contrast, means you may have a set number of devices connected to a particular licensed SQL Server at a given time. For example, only 50 personal computers might need simultaneous access to either of your SQL Server–based applications mentioned above at any given time. In this case, you should buy two SQL Server licenses and 100 SQL Server CALs, and deploy 50 CALs on each server in the per server mode.

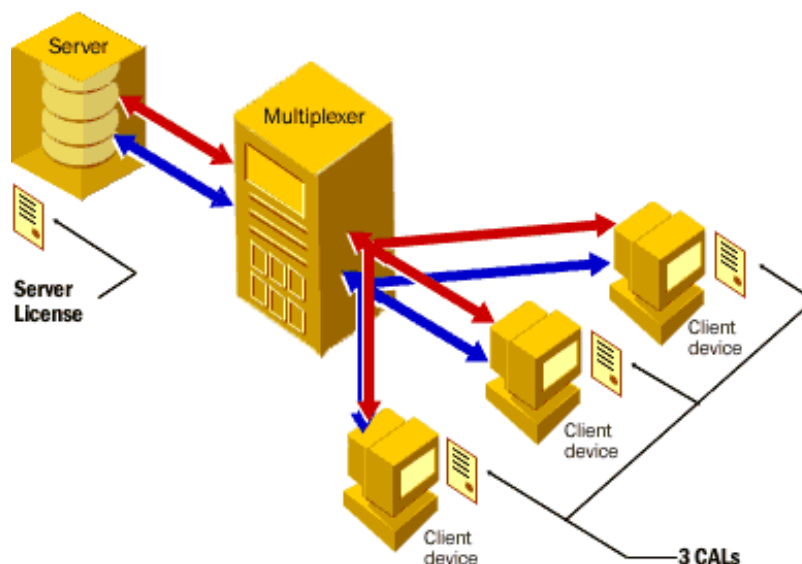
Multiplexing: Using Middleware, Transaction Servers, and Multi-tiered Architecture

"Multiplexing" is the use of software and/or hardware that reduces the number of devices directly accessing or utilizing the server software. However, this does not reduce the number of CALs legally required. For example, a client computer could use a server application that brings up the Microsoft Transaction Server (MTS) component of Microsoft Windows NT® Server on a computer named Alpha. Alpha pulls data from a SQL Server database on a computer named Beta. In this case, the only "direct" connection to SQL Server is coming from the Alpha server. The client computer has a direct connection to the Alpha computer (which is running MTS), but it also has an "indirect" connection to SQL Server, because it is ultimately retrieving and using SQL Server data from the Beta computer.

You need a CAL for each distinct input to the multiplexing or pooling software or hardware front end. Using the above example, if you have three computers connected to your MTS server on the Alpha machine, you must purchase CALs in one of two quantities:

- Per seat mode: three SQL Server CALs
- Per server mode: A number of CALs equal to the maximum number of simultaneous users of the MTS middleware.

In the following illustration, you need three CALs, even though only one device is directly accessing SQL server:



SQL Server Desktop

SQL Server Desktop is a fully featured relational database management system (RDBMS), targeted for personal and shared use, that runs on Microsoft Windows® 95, Windows 98, or Windows NT Workstation. SQL Server Desktop shares the same code base as SQL Server 7.0 and is available on the SQL Server 7.0 and SQL Server 7.0 Enterprise Edition CDs. SQL Server Desktop may be deployed and used on each device to which a per-seat SQL Server CAL has been dedicated. SQL Server Desktop is a feature of SQL Server and is not available as a stand-alone product.

Internet Connector

The Internet Connector is a license that allows an unlimited number of devices used by Internet users access to SQL Server via your site. An "Internet user" is any person currently connected to the Internet, other than a person employed by you (as an employee, independent contractor, or in any other capacity), or otherwise providing goods or services to you or on your behalf. You must purchase an Internet Connector License for each processor on each server that is running SQL Server or SQL Server Enterprise Edition.

Note: Intranet and extranet applications require CALs.

Microsoft Data Engine

Microsoft Data Engine (MSDE), available through Microsoft Access 2000 and other Microsoft products, is 100 percent compatible with SQL Server. You may use MSDE in conjunction with any of these products, or on a stand-alone basis, without purchasing any CALs. Therefore, in the following cases, you don't need SQL Server CALs as long as no devices are connected directly or indirectly to a SQL Server:

- Connection between client device and MSDE
- MSDE-to-MSDE connection
- Connection between SQL Desktop and MSDE

However, when a client device (either in stand-alone form or as part of one of these products) uses MSDE to access or use the services of SQL Server, you must dedicate a SQL Server CAL to that device. In addition, you must license a SQL Server accessed by a client device using MSDE in the per-seat mode.

Licensing Guide for Line-of-Business Applications

Read [A Guide to Microsoft SQL Server Licensing for Line-of-Business Applications](#) for a simple, three-step process that will help you determine how many SQL Server server licenses and CALs you need in order to be properly licensed.

Summary of Licensing Policies

For a capsulated overview of the licensing requirements for SQL Server editions and components, as well as SQL Server CALs and Internet Connector, see the [summary tables](#).

Pricing and Licensing Offers

When you're ready to order SQL Server 7.0, you can do so by using the part numbers listed below. To order, contact your local Microsoft reseller. If you don't currently work with a Microsoft reseller, you can quickly find one near you by visiting [Microsoft Shop](#), or you can purchase directly online by visiting the [Microsoft Developer Store](#). For more information, contact Microsoft Sales at (800) 836-8282 (North America only).

Note: The product offerings listed below are available through the retail channel of distribution. The prices listed are estimated retail prices in U.S. dollars; reseller pricing will vary. Pricing and offers are valid only in the 50 United States, District of Columbia, and Canada. Some of these product offerings (as noted below) are also available through various Microsoft volume licensing programs, as are separate Server and Client Access Licenses. Check with your reseller for information about program requirements and pricing.

SQL Server 7.0

For use with Windows NT Server. CD-ROM media.

Full Product Offers	Part Number	Estimated Price
SQL Server and Five Client Access Licenses	228-00325	1,399.00
SQL Server and 10 Client Access Licenses	228-00326	1,999.00

SQL Server and 25 Client Access Licenses	228-00327	3,999.00
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[To](#)

SQL Server 7.0 Enterprise Edition

For use with Windows NT Server Enterprise Edition. CD-ROM media.

Full Product Offers	Part Number	Estimated Price
SQL Server Enterprise Edition and 25 Client Access Licenses	810-00205	7,999.00
SQL Server Enterprise Edition and 50 Client Access Licenses	810-00206	10,999.00
SQL Server 7.0 Client Access License Five Pack Five per-server (concurrent) or per-seat licenses to access SQL Server. SQL Server license acquired separately.	359-00236	739.00
SQL Server 7.0 Client Access License 20 Pack 20 per-server (concurrent) or per-seat licenses to access SQL Server. SQL Server license acquired separately.	359-00242	2,369.00
SQL Server 7.0 Internet Connector Per-Processor Per-processor pricing is new. The Internet Connector allows an unlimited number of devices used by Internet users to use SQL Server (also available under Microsoft volume licensing programs).	530-00100	2,999.00

[To](#)

Upgrade Offers	Part Number	Estimated Price
SQL Server 7.0 Combined Product/Version/Competitive Upgrade and Five Client Access Licenses Upgrades any previous version (4.2x, 6.0, or 6.5) of SQL Server Workstation or SQL Server to SQL Server 7.0. CD-ROM media.	228-00330	699.00
SQL Server 7.0 Client Access License Five Pack Version/Competitive Upgrade Upgrades any previous version (4.2x, 6.0, or 6.5) SQL Server Client Access Licenses to version 7.0 Client Access Licenses. SQL Server License acquired separately.	359-00239	369.00

<p>SQL Server 7.0 Client Access License 20 Pack Version/Competitive Upgrade Upgrades any previous version (4.2x, 6.0, or 6.5) SQL Server Client Access Licenses to version 7.0 Client Access Licenses. SQL Server License acquired separately.</p>	359-00240	1,189.00
<p>SQL Server 7.0 Internet Connector Per-Processor Upgrade For each SQL Server 6.5 server (with an Internet Connector License) you upgrade to SQL Server 7.0. You must also upgrade its SQL Server Internet Connector License by acquiring an Internet Connector 7.0 Upgrade for each processor on the server that will be running SQL Server 7.0 on the Internet (also available under Microsoft volume licensing programs).</p>	530-00106	1,499.00
<p>SQL Server 7.0 Enterprise Edition Product Upgrade and 25 New Client Access Licenses Upgrades SQL Server 7.0 to SQL Server 7.0 Enterprise Edition and includes 25 Client Access Licenses. SQL Server 7.0 Client Access Licenses do not need to be upgraded for use with SQL Server Enterprise Edition. CD-ROM media.</p>	810-00210	7,099.00
<p>SQL Server 7.0 Enterprise Edition Version Upgrade and 25 Client Access License Upgrades Upgrades SQL Server Enterprise 6.5 to SQL Server 7.0 Enterprise Edition. All SQL Server 6.5 Client Access Licenses must be upgraded. CD-ROM media.</p>	810-00209	3,969.00

Competing Databases Authorized for Upgrade

- Computer Associates OpenIngres
- Computer Associates Jasmine
- IBM DB2
- Informix 6.x or greater
- Oracle6.x or greater
- Pervasive Btrieve
- Pervasive.SQL
- Progress
- Sybase Adaptive Server Anywhere
- Sybase Adaptive Server Enterprise
- Sybase SQL Anywhere
- Sybase SQL Server 4.x or greater
- Sybase System 10
- Watcom

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Academic Offers	Part Number	Estimated Price
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SQL Server Academic Edition (AE) and Five AE Client Access Licenses Same as retail SQL Server with five Client Access Licenses package, but with Academic licensing. Additional Academic Client Access Licenses acquired separately. CD-ROM media.	228-00328	839.00
SQL Server Enterprise Academic Edition (AE) and 25 AE Client Access Licenses Same as full retail SQL Server Enterprise with 25 Client Access Licenses package, but with Academic licensing. Additional Academic Client Access Licenses acquired separately. CD-ROM media.	810-00207	4,839.00

Additional Offers	Part Number	Estimated Price
SQL Server Documentation Set (12 Volumes) Content is identical to Books Online on the SQL Server product CD-ROM.	228-00340	99.95

[To](#)

Upgrade Policies

Previous versions of SQL Server can easily be upgraded to SQL Server 7.0 or SQL Server 7.0 Enterprise Edition. The upgrade policy for each edition of SQL Server 7.0 is explained in the sections below. For more details, see [SQL Server 7.0 Upgrade Path Examples](#).

SQL Server 7.0 Upgrade Policy

The SQL Server 7.0 Upgrade Policy provides an upgrade path from SQL Server Workstation and SQL Server versions 4.2x, 6.0, and 6.5, as well as from competing third-party database products. Any upgrade to SQL Server 7.0 is considered to be a Major Upgrade. In a Major Upgrade, CALs must be upgraded, as well as the server.

SQL Server Workstation customers are eligible to license the SQL Server 7.0 Upgrade bundle (includes SQL Server and five CAL Upgrades). SQL Server Workstation will no longer be available.

Customers with previous versions of SQL Server can also license the SQL Server 7.0 Upgrade bundle (includes SQL Server and five CAL Upgrades). In addition, they can upgrade their previous-version SQL Server CALs to SQL Server 7.0 CALs.

Customers with a valid server license for any of the third-party database products listed below are eligible to license the SQL Server 7.0 Upgrade bundle (includes SQL Server and five CALs). They can also upgrade their valid client licenses for the same authorized products by purchasing upgrades to SQL Server 7.0 CALs. Upgrade pricing is approximately 50 percent of Estimated Retail Price (ERP). Proof-of-purchase is required.

SQL Server 7.0 Enterprise Edition Upgrade Policy

SQL Server 6.5 Enterprise Edition customers can license a version upgrade to SQL Server 7.0 Enterprise Edition that includes 25 Upgrade CALs. Because CALs are version specific, all SQL Server 6.5 CALs must be upgraded to SQL Server 7.0 CALs.

SQL Server 7.0 customers can license a product upgrade to SQL Server 7.0 Enterprise Edition that includes 25 Upgrade CALs. SQL Server CALs can be used with either edition of SQL Server, as long

as the versions are the same. Therefore, a customer can use the same CALs for SQL Server 7.0 Enterprise Edition that they used for SQL Server 7.0.

To upgrade SQL Server 4.2, 6.0, or 6.5 to SQL Server 7.0 Enterprise Edition:

1. License one SQL Server 7.0 Upgrade that includes five CALs.
2. License upgrades for remaining SQL Server 6.5 CALs.
3. License one SQL Server 7.0 Enterprise Edition Product Upgrade (from SQL Server 7.0).

SQL Server Internet Connector Per-Processor Upgrade Policy

Each SQL Server server (with an Internet Connector License) that is upgraded to SQL Server 7.0 must also have its Internet Connector license upgraded. This upgrade requires the licensing of a SQL Server 7.0 Internet Connector Upgrade for each processor on the server that will be running SQL Server 7.0 on the Internet.

To

Upgrade Path Examples

In the tables below, you'll see examples of the various paths you can take to upgrade SQL Server Workstation, SQL Server, or SQL Server Enterprise Edition.

To Upgrade to SQL Server 7.0	Current Product	Upgrade Path
<p>From a previous version of SQL Server with 25 Client Access Licenses</p> <p>License one copy of the SQL Server 7.0 Upgrade that includes five Upgrade Client Access Licenses. Also license one Upgrade Client Access License 20 Pack.</p>	SQL Server 4.21a with 25 Client Access Licenses	<p>SQL Server 7.0 Upgrade with Five Upgrade Client Access Licenses 228-00330</p> <p>And one Client Access Licenses Upgrade 20 Pack 359-00240</p>
<p>From previous version of SQL Server with 64 Client Access Licenses</p> <p>License one SQL Server 7.0 Upgrade that includes five Upgrade Client Access Licenses. Also license three Client Access License Upgrade 20 Packs.</p>	SQL Server 6.5 with 64 Users/Devices	<p>SQL Server 7.0 Upgrade with Five Upgrade Client Access Licenses 228-00330</p> <p>And three SQL Server 7.0 Client Access Licenses Upgrade 20 Packs 359-00240</p>

<p>From previous versions (4.2x, 6.0, or 6.5) of SQL Server Workstation License one SQL Server 7.0 Upgrade that includes five Client Access Licenses. Additional users may be added but require the license of additional SQL Server Client Access Licenses. SQL Server 7.0 includes SQL Server Desktop that can be deployed and used on each device running Windows 95, Windows 98, or Windows NT that a per-seat Client Access License is assigned to. SQL Server Desktop can interact with any SQL Server in the your organization that is in per-seat mode.</p>	SQL Workstation	SQL Server 7.0 Upgrade with Five Client Access Licenses 228-00330
<p>From any listed third-party database product Client Access License upgrades and server upgrades must both be licensed. Upgrade by purchasing one copy of the SQL Server 7.0 Product/Version/Competitive Upgrade for each copy of the third-party database server being upgraded. For each third-party client license, you must license an equal number of Client Access License upgrades.</p>	Competing Products Authorized for Upgrade: <ul style="list-style-type: none"> • Computer Associates OpenIngres • Computer Associates Jasmine • IBM DB2 • Informix 6.x or greater • Oracle6.x or greater • Pervasive Btrieve • Pervasive.SQL • Progress • Sybase Adaptive Server Anywhere • Sybase Adaptive Server Enterprise • Sybase SQL Anywhere • Sybase SQL Server 4.x or greater • Sybase System 10 • Watcom 	SQL Server 7.0 Upgrade includes Five Upgrade Client Access Licenses 228-00330 And any combination of the following: SQL Server 7.0 Client Access Licenses Upgrade 20 Pack 359-00240 SQL Server 7.0 Client Access Licenses Upgrade Five Pack 359-00239

To

To Upgrade to SQL Server 7.0 Enterprise Edition	Current Product	Upgrade Path
<p>From SQL Server 6.5 Enterprise Edition with 100 Client Access Licenses License the SQL Server 7.0 Enterprise Edition Version Upgrade with 25 Upgrade Client Access Licenses, three copies of the Client Access License Upgrade 20 Packs, and three Client Access License Upgrade Five Packs.</p>	SQL Server 6.5 Enterprise Edition with 100 Client Access Licenses	SQL Server 7.0 Enterprise Edition Version Upgrade with 25 Upgrade Client Access Licenses 810-00210 And three SQL Server 7.0 Client Access Licenses Upgrade 20 Packs 359-00240

		<p>And three SQL Server 7.0 Client Access Licenses Upgrade Five Packs 359-00239</p>
<p>From SQL Server 7.0 with 100 Client Access Licenses License the SQL Server 7.0 Enterprise Edition Product Upgrade, which gives you an additional 25 Client Access Licenses. Because SQL Server Client Access Licenses are not specific to SQL Server or SQL Server Enterprise Edition, you can use these Client Access Licenses for SQL Server 7.0 Enterprise Edition.</p>	<p>SQL Server 7.0 with 100 SQL Server 7.0 Client Access Licenses</p>	<p>SQL Server 7.0 Enterprise Edition Product Upgrade with 25 Client Access Licenses 810-00210</p> <p>Note: SQL Server Enterprise Edition requires that the server on which it is installed is running Windows NT Server, Enterprise Edition.</p>

To

<p>To Upgrade to SQL Server 7.0 Internet Connector Per-Processor</p>	<p>Current Product</p>	<p>Upgrade Path</p>
<p>From the SQL Server 6.5 Internet Connector upgrade To upgrade a SQL Server 6.5 server that has an Internet Connector, is being used to support an Internet site, and is running on a four-processor server computer, you must license an Internet Connector Upgrade for each of the processors on the server running SQL Server 7.0. (The requirement that each processor have an Internet Connector License is new with SQL Server version 7.0.)</p>	<p>SQL Server 6.5 Internet Connector that provides access to a SQL Server 6.5 Internet site running on a four-processor server</p>	<p>Four SQL Server 7.0 Internet Connector Per-Processor Upgrade licenses, one for each of the processors on the server that is running SQL Server 7.0 on the Internet 530-00106</p>

For More Information

For pricing and licensing information relating to the entire BackOffice family, see [A Guide to BackOffice Pricing and Licensing](#).

For more complete details on BackOffice pricing and licensing, read the [BackOffice Family Pricing and Licensing white paper](#).

For a more expansive and in-depth look at the licensing of Microsoft products, visit the [volume licensing programs](#) site.

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