



SQL Server 2005 Express

The fast and easy way to develop and deploy dynamic data-driven applications.

Microsoft® SQL Server™ 2005 Express Edition is the free, easy-to-use, lightweight, and embeddable version of SQL Server, the leading relational database management system.

Build Flexible and Reliable Data-Driven Applications

More than ever developers are leveraging relational databases to provide a rich end-user experience. SQL Server Express helps developers build robust and reliable applications. Too often database systems are overly complex for building simple applications. Microsoft Visual Studio® 2005 and SQL Server Express reduce this complexity by providing a simple but powerful development environment for building data-driven applications. Developers can design schemas, add data, and query local databases, all inside the Visual Studio 2005 environment. If developers need more advanced database features, then SQL Server Express can be seamlessly upgraded to more sophisticated versions of SQL Server.

Enable Dynamic Web Sites

In today's fast changing world even the most basic Web sites need to be interactive. SQL Server Express and Visual Web Developer provide a simple integrated platform for building dynamic and reliable Web sites. Together these two products provide the tools necessary to build, deploy, and manage Web sites.

SQL Server Express includes many features attractive for Web development. It uses the advanced query optimization engine of SQL Server 2005 to deliver fast performance. Full-text search is included to provide powerful query capability over textual data. In addition, databases can easily be loaded into a hosted environment through the XCopy feature. Native XML support inside the database ensures that your Web environment can easily interoperate with other applications through Web services.

Create Reports Faster

Creating reporting applications is often a cumbersome process. SQL Server Express simplifies this process with SQL Server 2005 Reporting Services, a complete, server-based platform for creating, managing, and delivering traditional and interactive reports. Developers can easily create sophisticated reports with tables, charts, and graphics, and then embed them in applications.

Simplify Deployment and Servicing

Supporting and maintaining software is a huge expense for application software developers. An embedded database helps reduce this cost by providing automated tuning and management, automated patching and servicing, and support for embedded setup and installation. SQL Server Express was specifically designed with these goals in mind.

Using the SQL Server 2005 database engine, SQL Server Express can be configured to dynamically tune database parameters to respond to changing usage characteristics. Additionally, software developers do not have to worry about directly deploying database updates because SQL Server Express uses Microsoft Update to directly deliver updates to end users. For enterprise users, SQL Server Express easily plugs in to most enterprise management environments.

SQL Server Express also provides support for either silent installs or GUI-based setup and installations. This gives the software developer ultimate control and flexibility over the installation and setup of the embedded database.

Key Features of SQL Server 2005 Express Edition

Easy to Install & Manage <ul style="list-style-type: none">• Fast download• Simplified Setup UI• Silent install for embedded usage• Integrated deployment via Click Once• SQL Server 2005 Management Studio Express *	Rich Database functionality <ul style="list-style-type: none">• Stored procedures• Views• Triggers• Cursors• Extended indexes• Snapshot isolation• Advanced query optimizer• Transact-SQL support• Full Text Search **• Reporting Services **
Distributed client database <ul style="list-style-type: none">• Transactional replication subscriber• Merge replication subscriber• Client for SQL Server service broker• Support for distributed transactions	Deep Integration with Visual Studio 2005 <ul style="list-style-type: none">• Visual Studio data explorer for designing schemas, adding data, and querying local databases• Common language runtime (CLR) hosted inside SQL Server Express• User defined types and aggregates• In-process data access with ADO.NET
XML Support <ul style="list-style-type: none">• Native XML datatype• Structured and semi-structured data support• XQuery support• XML schema support	Robust Security <ul style="list-style-type: none">• Secure by Default settings• Finely tuned admin rights• Leveraging stored procedures as an abstraction layer• Active Directory support

* Available as a separate download or included in the SQL Server 2005 Express Edition with Advanced Services download

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Scalability and Hardware Support

- Supports up to 1 CPU, but can be installed on any server
- 1 GB Addressable RAM
- 4 GB Maximum Database Size

Pricing and Licensing Information

- Always free to download at <http://www.microsoft.com/sql/express>
- Royalty-free redistribution (with registration)

SQL Server 2005

SQL Server 2005 Express Edition is a member of the SQL Server product family and is fully compatible with the rest of the SQL Server 2005 family listed below, allowing you to maximize your development investment.

- SQL Server 2005 Enterprise Edition
- SQL Server 2005 Standard Edition
- SQL Server 2005 Workgroup Edition

For more information on SQL Server 2005, visit <http://www.microsoft.com/sql/2005>

SQL Server is part of the Windows Server System™ -- a comprehensive and integrated server infrastructure that simplifies the development, deployment and operations of information system



Windows Server System is comprehensive, integrated, and interoperable server infrastructure that simplifies the development, deployment, and management of flexible business solutions.
www.microsoft.com/windowsserversystem

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