

Microsoft® SQL Server™ 2008

Compact and Express Feature Compare

Compact

Build standalone and occasionally connected applications for mobile devices, desktops & web clients on all Microsoft Windows® platforms.
















Express

Ideal for learning and building desktop and small server applications and for re-distribution by ISVs.







High-level Feature Comparison	Express	Compact
Scalability and Performance	Varied	Varied
Manageability		
Security		
Programmability		
Integration & Interoperability		
Reporting		
Deployment Options		

KEY: Full =  Partial/Limited = 

Detailed Feature Comparison	Express	Compact
Scalability and Performance	Varied	Varied
Number of CPUs	1	1
RAM	1GB	
Database size	4GB	4GB

Manageability		
Auto Tuning		
Includes SQL Server Management Studio	SQL Server Management Studio Express is available as a separate download or With the Advanced Services download	
Full-text search	Available with Advanced Services download	
Security		
Advanced auditing, authentication, and authorization		
Data encryption and key management		Encryption based on passwords
Integration with Microsoft Baseline Security Analyzer		
Integration with Microsoft Update		
Integration with Windows encrypted file system security	N/A	
Programmability		
LINQ support		
Stored procedures, triggers, and views		
Common Language Runtime and .NET integration		Engine loaded in-proc with the CLR
User-defined types		
Native XML		Storage of XML within nText data type
X Query		
Service Broker	Express can exchange messages with other	

This document was developed prior to the product's release to manufacturing, and as such, we cannot guarantee that all details included herein will be exactly as what is found in the shipping product. The information contained in this document represents the current view of Microsoft Corporation on the issues discussed as of the date of publication. Because Microsoft must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Microsoft, and Microsoft cannot guarantee the accuracy of any information presented after the date of publication. The information represents the product at the time this document was printed and should be used for planning purposes only. Information subject to change at any time without prior notice.

	editions; messages between instances of Express must be routed through another edition.	
Updateable, Scrollable Cursors		
Integration & Interoperability		
Import/export		Through a separate Migration Tool available as a web download
Merge replication	Subscriber only	Subscriber only
Transactional replication	Subscriber only	
Integration with Sync services for ADO.NET	Server	Client
Reporting		
Report Server	Available with Advanced Services download	N/A
BI development studio	Report Designer only	N/A
Native support for web services (Service-oriented architectures)	Reporting Services only	N/A
Source for SQL reporting controls		
Deployment		
Central installation with MSI		
Private, embedded, non-admin deployment within applications		
Download size		1.7mb
Expanded disk size		1.8mb

Additional Information

For more information about Microsoft SQL Server 2008, visit <http://www.microsoft.com/sql/2008>

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