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Product Details | Technologies | Compare | **Editions** | News and Reports | White Papers | Case Studies | Benchmarks | Previous Versions

Compare Edition Features

This page provides a comparison of key capabilities between SQL Server 2008 Enterprise, Standard, Workgroup, Web and Express editions.

Scalability & Performance

Key: = Full = Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Scalability & Performance					
Number of CPUs	OS Maximum	4	2 CPU	4 CPU (WEB WORKLOADS ONLY)	1 CPU
Memory Utilization	OS Maximum	OS Maximum	4 GB Ram	OS Maximum	1 GB Ram
Database Size	Unlimited	Unlimited	Unlimited	Unlimited	4GB
Multi-Instance Support	50 instances	16	16	16	16
x32 Hardware Support					
x64 Hardware Support					
Dynamic Address Windows Extensions Memory Management					
Data Compression					
Resource Governor					
I64 Hardware Support					
Hypervisor Support					
Table and Index Partitioning					
Parallel Index Operations					
Parallel Consistency Checks (DBCC)					
Scalable Shared Databases					
Indexed Views					
Enhanced Read-ahead and Scan					

High Availability (Always On)

Key: = Full = Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
High Availability (Always On)					
Multi-instance Support	50 instances	16	16	16	16
Database Mirroring	Full	Single-thread	Witness only	Witness only	Witness only
Clustering	16-node failover clustering	2-node failover clustering			
Online System Changes					
Backup Log Shipping					
Automatic Corruption Recovery from Mirror					
Log Stream Compression					
Online Indexing					
Mirrored Backups					
Resource Governor					
Backup Compression					
Hot-add Memory and CPU Support					
Database Snapshots					
Fast Recovery					
Online Page and File Restore					

Send Feedback

Take the next step



Buy SQL Server

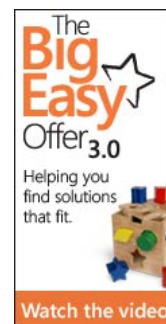
[How to Buy SQL Server 2008](#)

Editions

- [Enterprise](#)
- [Standard](#)
- [Workgroup](#)
- [Web](#)
- [Express](#)
- [Compact](#)
- [Developer](#)
- [Compare Edition Features](#)

Take a closer look

- [SQL Server 2008 Overview](#)
- [What's New in SQL Server 2008](#)
- [Why Upgrade to SQL Server 2008](#)



Parallel Index Operations	<input checked="" type="checkbox"/>				
Updated Distributed Partitioned Views	<input checked="" type="checkbox"/>				
Table and Index Partitioning	<input checked="" type="checkbox"/>				

Replication

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Replication	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SQL Server Change Tracking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Merge Replication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Subscriber only	Subscriber only	Subscriber only
Transactional Replication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Subscriber only	Subscriber only	Subscriber only
Snapshot Replication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Subscriber only	Subscriber only	Subscriber only
Heterogeneous Subscribers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Oracle Publishing	<input checked="" type="checkbox"/>				

Enterprise Security

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Enterprise Security	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C2 Complaint Tracing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SQL Auditing Foundation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Fine Grained Auditing	<input checked="" type="checkbox"/>				
Transparent Database Encryption	<input checked="" type="checkbox"/>				
Extensible Key Management	<input checked="" type="checkbox"/>				

Enterprise Manageability

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Enterprise Manageability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Policy Based Configuration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Database Migration Tools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Policy-Based Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Streamlined Installation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SQL Server Management Studio Tools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Database Mail	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Performance Data Collection	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SQL Profiler	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
SQL Server Agent	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Database Tuning Advisor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Plan Freezing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Standard Performance Reports	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Distributed Partition Views	<input checked="" type="checkbox"/>				
Parallel Index Operations	<input checked="" type="checkbox"/>				
Automatic Query- to- index- View Matching	<input checked="" type="checkbox"/>				
Parallel Database Backup Checksum Check	<input checked="" type="checkbox"/>				
Unlimited Virtualization	<input checked="" type="checkbox"/>				

Data Warehousing

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Data Warehousing	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Create Cubes Without a Database	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Auto-generate Staging and Datawarehouse Schema	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Attribute Relationship Designer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

Efficient Aggregation Designers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Scalable read-only AS	<input checked="" type="checkbox"/>				
Partitioned Cubes	<input checked="" type="checkbox"/>				
Distributed Partitioned Cubes	<input checked="" type="checkbox"/>				
Data Compression	<input checked="" type="checkbox"/>				
Star Join Query Optimizations	<input checked="" type="checkbox"/>				
Change Data Capture (CDC)	<input checked="" type="checkbox"/>				

Integration Services

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Integration Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SQL Server Import and Export Wizard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Log Providers and Logging	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
XML Source	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
SSIS Run-time	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Basic Data Profiling Tools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
SSIS Package Designer & Service	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Data Mining Query Transformation	<input checked="" type="checkbox"/>				
Data Mining Model Training Destination Adapter	<input checked="" type="checkbox"/>				
Fuzzy Grouping Transformation	<input checked="" type="checkbox"/>				
Fuzzy Lookup Transformation	<input checked="" type="checkbox"/>				
Term Extraction Transformation	<input checked="" type="checkbox"/>				
Dimension Processing Destination Adapter	<input checked="" type="checkbox"/>				
Partition Processing Destination Adapter	<input checked="" type="checkbox"/>				

Reporting Services

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Reporting Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reporting Services Memory Limits	Unlimited	Unlimited	4GB	4GB	4GB
Report Designer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Report Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	(report manager)	(report manager)
Role-based Security	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	(fixed roles)	(fixed roles)	(fixed roles)
Enhanced Gauges and Charting	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Basic Data Profiling Tools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Export to Excel, Word, PDF and Images	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Microsoft Office Integration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Custom Authentication	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Report Server Application Embedding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ad-hoc Reporting (Report Builder)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Scale-out Operational Report Configuration	<input checked="" type="checkbox"/>				
SharePoint Integration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Email and File Share Delivery	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Report History, Scheduling, Subscriptions and Caching	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Data Source, Delivery and Rendering Extensibility	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Data-driven Report Subscriptions	<input checked="" type="checkbox"/>				
Report Scale-out Deployment	<input checked="" type="checkbox"/>				
Infinite Click-through in Ad-hoc Reports	<input checked="" type="checkbox"/>				

Analysis Services

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express

Analysis Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Analysis Services Backup	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Dimension, Attribute Relationship, Aggregate & Cube Design	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Personalization Extensions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Analysis Services Scalable Shared Databases	<input checked="" type="checkbox"/>				
Account Intelligence	<input checked="" type="checkbox"/>				
Linked Measures and Dimensions	<input checked="" type="checkbox"/>				
Perspectives	<input checked="" type="checkbox"/>				
Semi-additive Measures	<input checked="" type="checkbox"/>				
Writeback Dimensions	<input checked="" type="checkbox"/>				
Partitioned Cubes and Distributed Partitioned Cubes	<input checked="" type="checkbox"/>				
Custom Rollups	<input checked="" type="checkbox"/>				

Data Mining

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Data Mining	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Excel 2007 and Visio 2007 Add-in Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Comprehensive Set of DM Algorithms	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Integrated Data Mining Tools (Wizards, Editors, Model Viewers, Query Builder)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Parallel Model Processing	<input checked="" type="checkbox"/>				
Cross Validation	<input checked="" type="checkbox"/>				
Support for Plug-in Algorithms	<input checked="" type="checkbox"/>				
Advanced Configuration and Tuning Options for Data Mining Algorithms	<input checked="" type="checkbox"/>				
Support for Pipeline Data Mining and Text Mining with Integration Services	<input checked="" type="checkbox"/>				
Sequence Prediction	<input checked="" type="checkbox"/>				

Programmability

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Programmability	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MERGE and Upsert Capabilities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
New Date and Time Data Types	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Internationalization Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Full Text Search	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Common Language Runtime (CLR) Integration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Native XML Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
XML Indexing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FILESTREAM Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Entity Framework Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Spatial Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Development Tools

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express
Development Tools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Microsoft Visual Studio Integration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Intellisense (Transact-SQL-and MDX)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
MDX Edit, Debug and Design Tools	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			

Spatial and Location Services

Key: = Full =Partial/Limited

Detailed Feature Comparison	Core Editions		Specialized Editions		
	Enterprise	Standard	Workgroup	Web	Express

Spatial and Location Services	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Spatial Indexes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Geodetic Data Type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Advanced Spatial Libraries	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Standards-based Spatial Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

*Available in SQL Server 2008 Express with Advanced Services Download vs. SQL Server 2008 Express Download.

Developer Edition

This edition contains the same features as the Enterprise edition. [More on SQL Server 2008 Developer.](#)

Additional Information

For more information about Microsoft SQL Server 2008, visit <http://www.microsoft.com/sqlserver/2008/en/us/default.aspx>.