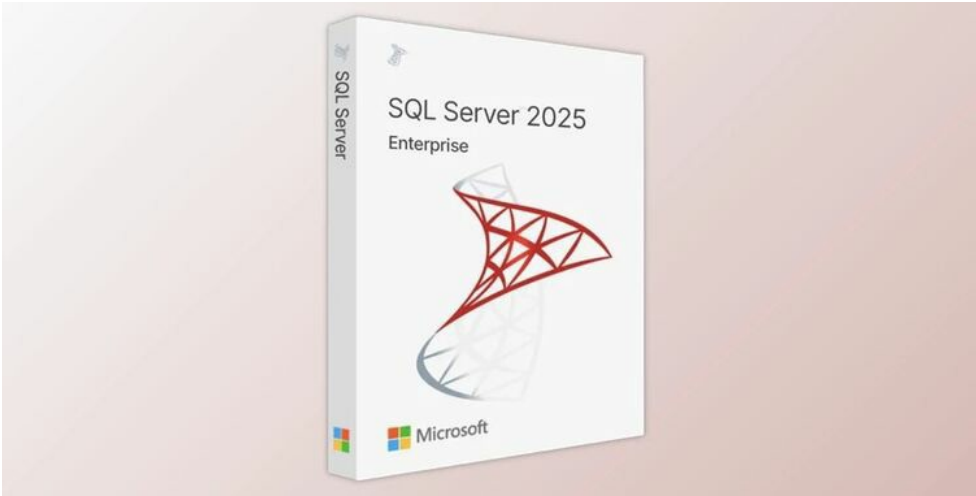


Microsoft SQL Server 2025 All Editions

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Microsoft SQL Server 2025 is an efficient integration of robust security, rapid processing, and built-in AI to assist companies in deriving greater benefits out of their data. Your familiar SQLs and the T-SQL language can be used to operate with AI models, vector search, semantic search, and traditional queries, all within the same engine. SQL Server 2025 will work in on-premises, cloud, and hybrid architectures, and is ideal for companies that lack a system rearchitecture, wishing to get flexibility and additional features.

Easy-to-use tools create intelligent application-building in a modern and productive experience for the developers of the applications. **Microsoft SQL Server 2025** has built-in support of JSON, REST API connectivity, support of vector embeddings, and support of frameworks such as LangChain, Semantic Kernel, and Entity Framework Core. These improvements enable the developers to develop AI-powered applications quickly, more dependable, and less intricately.

Businesses will also have better security, analytics, and cloud integration. Such characteristics as Microsoft Entra ID authentication, lock optimization, quicker query processing, and more robust failover increase reliability and safety. Real-time replication to Microsoft Fabric (near real-time) is provided, allowing analytics with no friction, and centralized control and pay-as-you-use licensing is offered by Azure Arc. Overall, **Microsoft SQL Server 2025** assists organizations in streamlining operations, increasing innovation, and minimizing the time to market new AI-driven applications.

Key Features of Microsoft SQL Server 2025:

- Semantic + Full-Text Search** – Combines meaning-based and keyword-based search for smarter results.
- Integrated Vector Embeddings** – Lets you store and query vector data directly inside SQL Server.
- Local or Cloud AI Model Support** – Allows using any AI model running locally or via cloud services.
- Native JSON Data Type & Indexing** – Speeds up working with JSON using built-in types and indexes.
- REST API Connectivity** – Connects SQL Server to any REST-based application or service.
- Regex Querying** – Enables advanced pattern matching directly inside SQL queries.
- LangChain, Semantic Kernel & EF Core Integration** – Helps developers build modern AI apps faster.
- Optimized Locking for Concurrency** – Allows more simultaneous users and queries without slowdowns.
- Batch Mode Performance Boost** – Accelerates heavy analytical and mixed workloads.
- Enhanced Failover** – Improves uptime with faster and more reliable failover processes.
- Change Event Streaming** – Supports real-time apps that respond instantly to database changes.
- Zero-ETL OneLake Replication** – Sends data to Microsoft Fabric in near real-time with no ETL.
- Azure Arc Centralized Management** – Gives unified control over security, updates, and automation.
- Disaster Recovery & Read Scale-Out to Azure SQL** – Extends workloads to Azure for resilience and speed.
- Pay-As-You-Go Licensing with Azure Arc** – Offers flexible, usage-based licensing without upfront cost.
- Microsoft Entra Managed Identity** – Provides secure authentication without passwords or secrets.

版本列表

Microsoft SQL Server 2025 All Editions (x64)



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100%安全

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