SingleStoreDB Offerings
Compare deployment options and editions

SingleStoreDB is a real-time distributed SQL database that empowers users to transact, analyze and contextualize data in real time. It delivers stellar performance for both transactional applications (OLTP) and analytical workloads (OLAP).

With support for **streaming data ingestion** (Pipelines), a unique table type that supports **both transactions and analytics** (Universal Storage), **separation of compute and storage** (Unlimited Storage), limitless **point-in-time recovery** (PITR) and a **distributed** (shared-nothing), **MySQL-compatible** architecture, SingleStoreDB provides fast-growing companies the ability to build and scale real-time applications and analytics, generative AI applications and more.

All this comes with **compelling price performance**. SingleStore customers often report **2-3x better TPC-H performance** at **a fraction of the cost** of multiple technologies for OLTP, OLAP, ETL, NoSQL, etc.

Capabilities

SingleStoreDB empowers the world's makers to build, deploy and scale modern, intelligent applications — leading to faster, real-time decisions, lasting customer experiences and more cost-efficient operations.

Transact
Drive real-time analytics with super-fast ingest pipelines and a horizontally scalable architecture.

Analyze
Columnstore capabilities and aggregate functions for the most demanding analytics.

Contextualize
Vector functions, semantic and keyword search, Notebooks provide a foundation for building AI applications.

Universal Storage
Unique single table type for transactions and analytics. Compatibility with ANSI SQL, MySQL + MariaDB ecosystem; NoSQL

Pure speed
Fast transactions, analytics, vectorization and query compilation.

Fast ingestion
SingleStore Pipelines — load data with updates.

Unlimited storage
Separation of storage + compute in a unified database

SingleStore Kai™
Power up to 1,000x faster analytics on JSON for applications built on MongoDB

Multi-model
Support for various data types, including vectors.

Run anywhere
Hybrid, multi-cloud, SaaS, on-premises, Kubernetes operator

Intelligence
Build generative AI and other apps with Notebooks on top of SingleStoreDB

Deployments

SingleStoreDB Cloud
Fully managed service on public cloud

AWS, Google Cloud, Microsoft Azure

- Cloud-only features
- Easy to operate
- Enhanced security

SingleStoreDB Self-Managed
Designed for on-premises deployment

Bare Metal, VMs or Containers

- On-prem apps and analytics
- Broad platform support
- Yearly subscription

Editions

For production use, SingleStoreDB offers three product editions: **Standard, Premium and Dedicated** that are uniquely tailored for specific customer requirements, workloads and feature needs. These three tiers allow customers to pay only for the functionalities they need.

Standard

Cloud
- ✔ Standard support
- ✔ 99.9% uptime SLA

Self-Managed
- ✔ Standard Support

Ideal for customers who need to power standard production workloads, but don't need advanced features for availability, security and auditability.

Premium

Cloud
- ✔ Standard support
- ✔ 99.99% uptime SLA

Self-Managed
- ✔ Standard Support

Ideal for mission-critical workloads that have stringent requirements around Availability, Security, and Auditability.
Premium provides all of the features in Standard, plus, 99.99% uptime SLAs, Limitless Point-in-Time-Recovery (PITR), Audit logging, multi-AZ failover (Cloud), etc.

Dedicated

(Cloud Only)
- ✔ Silver support
- ✔ 99.99% uptime SLA

Designed for customers in especially regulated industries with stringent Governance, Risk & Compliance (GRC) needs. This edition is available only with SingleStoreDB Cloud and provides all the mission-critical features available in Premium — plus an isolated cloud account, support for customer-managed encryption keys and customer lockbox.

Develop + test applications with free trials of SingleStoreDB

SingleStoreDB Cloud free trial
Fully managed service with $600 of cloud credits (AWS/Microsoft Azure/GCP), forum support and compliance certifications.

[Sign up: singlestore.com/cloud-trial](singlestore.com/cloud-trial)

SingleStoreDB Self-Managed free trial
Comes with all core features of Standard Edition, no time limits for up to 4-units (128 GB RAM, 32 cores) and forum support.

[Download: singlestore.com/self-managed-standard](singlestore.com/self-managed-standard)

Learn more about SingleStoreDB Cloud and Self-Managed.

Editions and Deployments: Feature Comparison

Area	Feature	Cloud			Self-Managed	
	Available editions	Standard	Premium	Dedicated	Standard	Premium
Service levels + pricing	Hosting	AWS, Azure, GCP	AWS, Azure, GCP	AWS, Azure, GCP	Self-hosted	Self-hosted
	SLAs	99.9%	99.99%	99.99%		
	Support tier inclusion	Standard	Standard	Silver	Standard	Standard
	Pricing	starts at $0.80/ hr	starts at $1.60/hr	Contact for pricing	Yearly Contract Contact for pricing	
Core database engine	Universal Storage	✔	✔	✔	✔	✔
	MySQL wire-compatible, ANSI SQL data model	✔	✔	✔	✔	✔
	Multi-model	✔	✔	✔	✔	✔
	Streaming data pipelines	✔	✔	✔	✔	✔
	Advanced query execution	✔	✔	✔	✔	✔
	AI vector matching functions	✔	✔	✔	✔	✔
Developer tools + connectors	ODBC, JDBC, HTTP drivers	✔	✔	✔	✔	✔
	Code Engine — Powered by Wasm	✔	✔	✔	✔	✔
	Connectors for analytics and BI tools	✔	✔	✔	✔	✔
	Data integration	✔	✔	✔	✔	✔
	Kai (Public Preview)	✔	✔	✔		
	Notebooks	✔	✔	✔		
Availability + disaster recovery	High availability	✔	✔	✔	✔	✔
	Multi-AZ failover		✔	✔		
	Point-in-time recovery		✔	✔		✔
	Disaster recovery		✔	✔		✔

Area	Feature / Available editions	Cloud			Self-Managed	
		Standard	Premium	Dedicated	Standard	Premium
Scalability	Workload management	✔	✔	✔	✔	✔
	Unlimited storage	✔	✔	✔	✔	✔
	Compute workspaces	✔	✔	✔		
Security + Networking	Authenticate via JWT	✔	✔	✔	✔	✔
	Engine RBAC	✔	✔	✔	✔	✔
	Data encryption (AES_ENCRYPT)	✔	✔	✔	✔	✔
	Encryption of data in transit (SSL/TLS)	✔	✔	✔	✔	✔
	Encryption of data at rest (AES-256)	✔	✔	✔		
	Single sign-on	✔	✔	✔		
	Federated authentication — SAML	✔	✔	✔	✔	✔
	Federated authentication — OAuth	✔	✔	✔		
	Private network connections	✔	✔	✔		
	Audit logging (native)		✔	✔		✔
	Audit logging (3rd party tools)		✔	✔		
	Customer-Managed Encryption Keys (CMEKs)			✔		
Manageability + Observability	Resource governance	✔	✔	✔		✔
	Management API (REST)	✔	✔	✔		
	Suspend + resume	✔	✔	✔		
	Cloud monitoring	✔	✔	✔		
	Automated updates	✔	✔	✔		

Notes

1) **Unlimited Storage** provides separation of Compute and Storage. Works with Amazon S3, Google Cloud Storage, Azure Blob storage. Unlimited Storage on Self-Managed Standard edition is supported for cloud object stores only.

2) **Charges for data transfer (SingleStoreDB Cloud)**: SingleStore does not charge for **data ingress**, but you may incur a charge from your cloud provider. **Up to 1TB of data egress** is included with your subscription and transfers above this limit will be charged based on rates set by the cloud provider selected.

3) **Disaster recovery:** SingleStore supports disaster recovery (DR) for Self-Managed deployments by replicating from one cluster to another with REPLICATE DATABASE. For Cloud deployments, multi-AZ failover provides within-region DR, tolerating loss of full AZ.

4) **Point-in-time recovery:** Allows users to pick an exact point in time to restore to, down to the microsecond, with fully adjustable retention periods. PITR requires unlimited storage.