



DATASHEET

Vultr Block Storage

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Part of Vultr Cloud Storage: Object Storage, Block Storage, and File System

[VULTR.COM](https://vultr.com)

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Vultr Block Storage provides reliable, scalable high-performance block storage volumes at simple, affordable, usage-based rates. Depending on requirements, pricing considerations, and intended use cases, both HDD and NVMe storage volumes are available. Vultr's globally distributed infrastructure ensures that data can be stored and processed near its users for maximum performance.

Why it's important right now

Modern applications require quick access to data for efficient operations. Rapid data reading and writing are essential for applications like databases, with high IOPs (input/output operations per second) and data durability critical for performance. Mission-critical applications require that data remain highly available. Vultr Block Storage provides a performant, reliable, and affordable solution for storing data that is suitable for demanding applications.

Powerful, accessible storage

Seamlessly scalable

Vultr Block Storage volumes can be expanded beyond the initial deployed size without modifying the compute instance the volume is attached to. Up to 16 Vultr Block Storage volumes can be attached to each Vultr Cloud Compute instance. Storage

charges are based simply on the storage volume size, so customers can expect predictable and transparent storage expenditures.

Reliable and secure

Data stored in Vultr Block Storage is encrypted in storage and at rest with AES-256 encryption. Data is also replicated to ensure high data availability – 99.99% – and durability.

Data Residency

Vultr Block Storage data remains in the selected data center region and is not processed or transferred elsewhere. This ensures that data remains stored in the jurisdiction where it was created, easing compliance with data privacy regulations.

Affordable performance tiers

Vultr offers two options for Vultr Block Storage, each offering a different performance level and price for differing needs and requirements.

HDD

Built for low-cost block storage, HDD Block Storage provides an affordable option for data storage while keeping data accessible quickly. HDD Block Storage is available for \$25/TB/month.

NVMe

Offering more throughput and operations per minute, NVMe Block Storage is suited for demanding use cases where high speed data processing is essential. NVMe Block Storage is priced at \$100/TB/month.

Built for a variety of applications

Vultr Block Storage is useful for a variety of tasks, such as:

- **Application backups:** Store data and system backups for rapid recovery.
- **Databases:** Power relational, transactional, and time series databases with fast IOPs.
- **Application logs:** Leverage Vultr Block Storage to store application logs for quick retrieval.
- **Transactional workloads:** Preserve point of sale and transaction records with low-latency and high fault tolerance.
- **High-performance computing:** Access critical data fast with high-speed, low-latency processing.

Built for modern businesses

For inexpensive, reliable, and rapid data storage, Vultr Block Storage stands out. With various performance options designed to offer exceptional price-to-performance for many use cases, Vultr Block Storage offers simply-managed, reliable and durable block storage at affordable, predictable pricing.

Learn more about
Vultr Block Storage

Contact us at vultr.com to get started.

