

## IBM Storwize family

### Efficient all-flash and hybrid solutions with enterprise-class performance and functionality

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#### Highlights

- Get faster insights with NVMe acceleration
  - Improve your business agility with enterprise-class storage capability
  - Transform the economics of data storage using data reduction technologies
  - Optimize tiered storage—including flash storage—with IBM Easy Tier
  - Complement on-premises storage of all types with hybrid cloud capability
  - Address security needs by encrypting data on existing storage
  - Leverage AI to optimize configurations and streamline issue resolution
  - Enable near-continuous availability of applications through data migration
  - Scale seamlessly, get higher flexibility and protect your investment
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These days, to achieve acceptable levels of insight and accuracy, analytics and AI applications are consuming enormous amounts of data.<sup>2</sup> Managing, moving and storing large data volumes with great efficiency and enough performance to derive maximum value from data assets requires a modern IT infrastructure with wide-ranging capabilities, from intelligent system optimization and powerful data reduction, through comprehensive security and encryption features, multicloud sharing and access, and, of course, ultra-low-latency flash storage.

The [IBM Storwize family](#), within the IBM Storage portfolio, is engineered to meet the needs of organizations looking for entry-level and midrange storage solutions – for whatever reasons. [Storwize](#) offerings combine industry-leading IBM Spectrum Virtualize technology and affordability in one mature product family with thousands of successful deployments worldwide. Storwize family members are flexible storage solutions that enable organizations of all types and sizes with less-demanding workloads to efficiently and affordably meet the challenges of rapid data growth and constrained IT budgets.

The IBM Storwize family provides especially powerful solutions with comprehensive storage services and multiple all-flash and hybrid-flash options, offering feature-rich, affordable, enterprise-grade storage solutions for the cognitive business looking to grow and thrive.

Built with IBM Spectrum Virtualize software, the IBM Storwize family is an industry-leading storage solution that includes technologies that both complement and enhance virtual environments to achieve a simpler, more scalable and

cost-efficient IT infrastructure. As the pace of innovation continues to accelerate, the Storwize family offers integration points to enable efficient, cost-effective hybrid cloud storage solutions to accommodate dynamic needs and specific business priorities. Available in a wide range of storage solutions, the Storwize family delivers sophisticated capabilities that are easy to deploy, yet also help control costs for growing businesses.

## Benefit from award-winning capabilities

The Storwize family uses IBM Spectrum Virtualize, proven software that provides the same interface and similar functions across the product line. As a strategic element in the success of the IBM Storage business, the Storwize family is designed for future growth over time.

Designed to deliver comprehensive capabilities for storage efficiency, the Storwize family enables users to dedicate fewer of their scarce resources to IT infrastructure—and more to implementing new applications to support the business. This is possible through the innovative built-in capabilities of Storwize systems, which allow users to:

- Significantly improve performance with end-to-end NVMe flash solutions
- Store up to five times data in the same space<sup>1</sup> using powerful data reduction pool (DRP) technology
- Move data and applications nondisruptively between data centers with IBM HyperSwap
- Support hundreds of external, heterogeneous storage systems from a wide variety of vendors
- Deploy flash storage cost effectively and optimize data placement among different tiers of storage, helping maximize performance while limiting costs of multi-tier systems
- Implement hybrid cloud capabilities rapidly and with existing on-premises storage
- Benefit from integration with modern data protection tools, cyber resiliency capability such as encryption and cloud "air gap" snapshots
- Experience advanced capabilities in storage systems designed for ease of use
- Complement server virtualization with technologies such as IBM PowerVM, Microsoft Hyper-V, VMware vSphere, Kubernetes and Docker
- Get peace of mind with comprehensive IBM FlashWatch guarantees

## Discover Storwize family offerings

**IBM Storwize V7000:** Highly scalable, end-to-end NVMe storage solution with optional hybrid flash expansions designed with enterprise-class features that include extensive AI-based storage resource management, predictive analytics and automated data placement.

**IBM Storwize V7000F:** All-flash storage solution designed to deliver high performance with advanced storage capabilities at a cost-effective price.

**IBM Storwize V5000E:** Easy to buy, easy to deploy and easy to grow hybrid storage solutions designed to enable organizations to overcome their storage challenges with advanced functionality at entry-level pricing.

**IBM Storwize V5100 and V5100F:** NVMe accelerated performance designed to deliver wide-ranging functionality including AI-based management in affordable storage solutions.

## Leverage proven ISV solutions

IBM is committed to continuous improvement and virtually seamless application integration to optimize your business results and minimize time-to-value. Our commitment is visible through ongoing work and enduring partnerships with independent software vendors (ISVs) such as Microsoft, Oracle, SAP, Symantec and VMware.

Combining Storwize systems with leading ISV applications can provide increased flexibility and deliver a more robust information infrastructure for your business. Solutions have been qualified for Storwize systems for select applications that focus on key areas including backup/restore, high availability, server virtualization, and database and performance optimization. IBM is also committed to certifications with key ISVs aligned with various industries including healthcare, financial services, telecommunications and the public sector.

<sup>1</sup> Compression data based on IBM measurements; compression rates vary by data type and content.

## Why IBM?

The Storwize family of products from IBM, a recognized leader in the storage industry, is known for providing efficiency, flexibility and high-performance storage for any type of workload. IBM storage offerings customized for small, mid-sized and large organizations are specifically designed to deliver performance in streamlined packages that are easy to buy, deploy and manage.

## For more information

To learn more about the IBM Storwize family of storage systems, please contact your IBM representative or IBM Business Partner, or visit: [ibm.com/it-infrastructure/storage/storwize](https://ibm.com/it-infrastructure/storage/storwize)

IBM Storwize V7000: [ibm.com/us-en/marketplace/storage-workload](https://ibm.com/us-en/marketplace/storage-workload)

IBM Storwize V5000E: [ibm.com/us-en/marketplace/storwize-v5000e](https://ibm.com/us-en/marketplace/storwize-v5000e)

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