

Why IBM FlashSystem?

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Strategic Vision and Differentiation

IBM FlashSystem is designed to address the most critical challenges of modern enterprises, combining speed, resiliency, and efficiency into a single powerful storage platform. Built on innovative architecture, FlashSystem delivers measurable business value and ensures organizations can scale with confidence.

Key differentiators include:

- Unparalleled speed and performance at scale
- Industry-leading data resiliency and protection
- Optimal balance of cost-efficiency, value, and return on investment

Performance at Scale

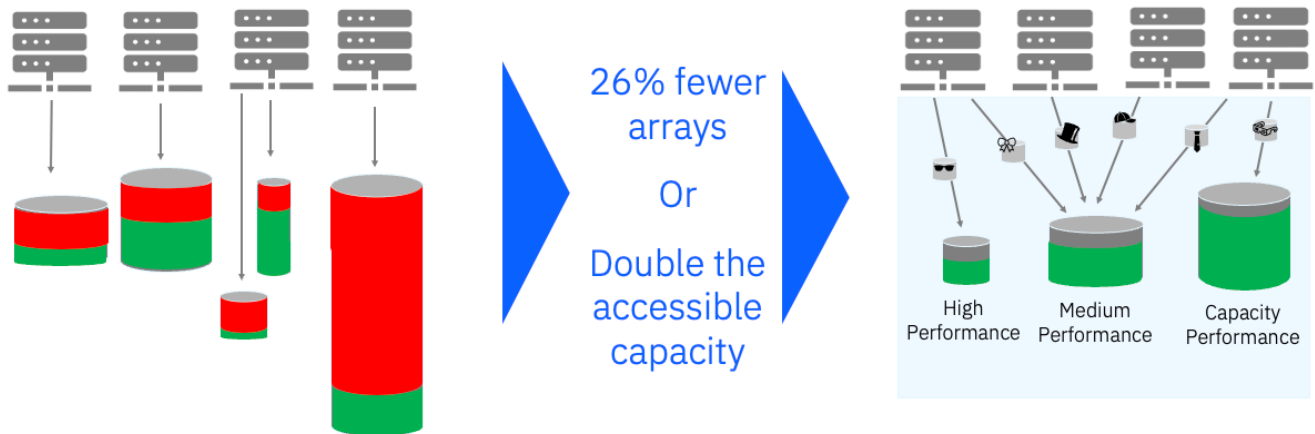
FlashSystem's unique architecture, powered by IBM FlashCore Modules (FCMs), ensures consistent performance at scale that outpaces traditional storage solutions.

- Up to 100 GB/s bandwidth
- Latency as low as 50 μ s
- Up to 2.5 million IOPS

This enterprise-level design includes active-active controllers, hot-swappable components, and high-availability infrastructure, eliminating downtime and ensuring continuous business operations.

Why IBM FlashSystem?

From day one you will have: **FlashSystem grid**



Old storage distribution

With FlashSystem grid

Data Resiliency and Security

FlashSystem integrates advanced cyber resilience capabilities to keep businesses secure and operational. Features include:

- Integrated ransomware detection with alerts in under 60 seconds
- Immutable snapshots enabling recovery in one minute
- Next-generation encryption, replication, and quantum-safe algorithms

With disaster recovery setup in under five minutes, FlashSystem ensures business continuity without compromise.

Efficiency and Total Cost of Ownership

FlashSystem leads the market in density, scalability, and energy efficiency. Its intelligent IBM Storage Virtualize foundation enables:

- Unified resource pooling across systems
- Non-disruptive workload mobility
- Simplified management through a single pane of glass
- Investment protection with support for older or third-party systems

Why IBM FlashSystem?

Advanced Insights and Lifecycle Guarantees

IBM Storage Insights, an AI-powered platform, provides end-to-end visibility, proactive monitoring, and intelligent diagnostics, streamlining operations and reducing risks.

In addition, IBM FlashSystem offers a comprehensive set of guarantees:

- Storage Assurance Perpetual for automatic hardware and software upgrades
- Enterprise-grade support with IBM Expert Care

Why IBM, Why Now?

With over 500 exabytes of capacity shipped, millions of storage units delivered, and a presence in 95% of Fortune 500 infrastructures, IBM is the undisputed leader in enterprise storage. FlashSystem combines decades of innovation with future-ready technology, empowering organizations to reduce costs, safeguard operations, and accelerate transformation.

FlashSystem: 17 continuous years of Gartner Magic Quadrant leadership on Primary storage

