InTTrust
Information Technology Trust

Platinum
Business
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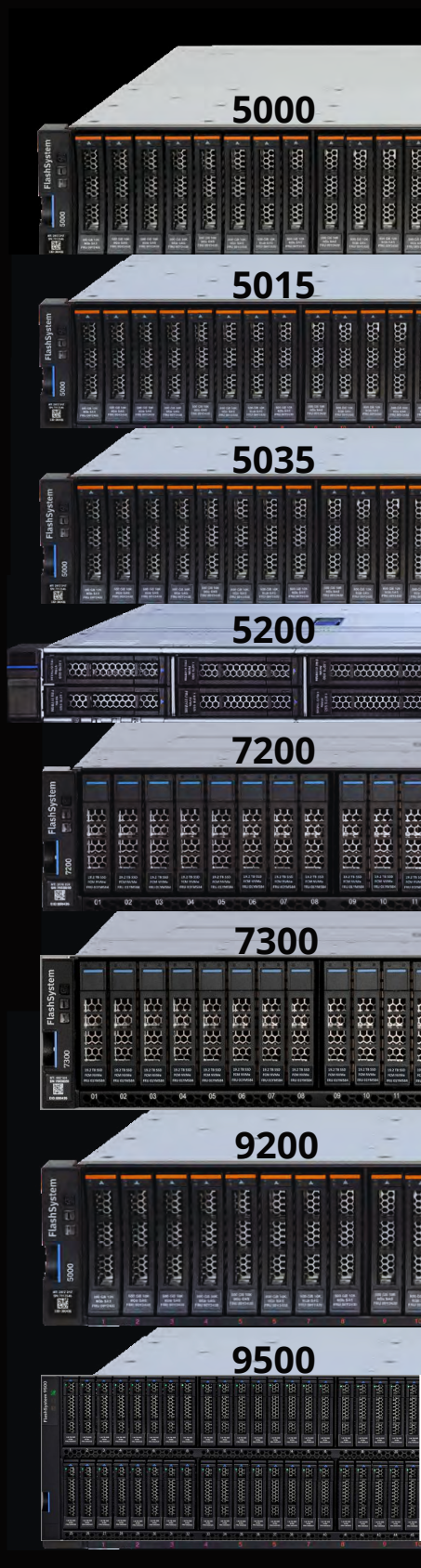
IBM

IBM Flash data storage

Storage, Made Simple

for Hybrid Cloud

Simplify data and infrastructure management with automation, unified cloud operations, data security and AI-driven insight



Why choose FlashSystem?

Businesses are being challenged to optimize IT to drive growth without sacrificing performance, quality or security. Designed to deliver industry-leading performance and cost-efficiency, FlashSystem all-flash and hybrid-flash arrays simplify hybrid cloud storage for organizations of all sizes.

Simpler, faster, better.

Affordable without compromise

Storage functions are included with internal storage licensing costs. Store more in less space with guaranteed data reduction options.

Cloud-enabled

Gain data mobility across on-premises and hybrid cloud environments with powerful security and consistent data management.

Faster, smarter data

Accelerate business insights with NVMe storage. Simplify management with intelligent software. Use consistent automation APIs on-premises and in the cloud.

Easy data mobility

Easily migrate data and applications to and from the Cloud. Optimize cost and performance with intelligent Easy Tier®, which automatically moves only the most active data to flash.

High availability guarantee

Proven 99.9999% availability. Optional 100% guarantee when using HyperSwap. Replicate across 2 or 3 sites. Configure for cross-site high availability.

Protected and secure

Encrypt data automatically. Malware detection and application-aware snapshots help provide dependable cyber resiliency.

FlashSystem 5015

Delivering faster data than the previous generation and support for hybrid cloud, FlashSystem 5015 is the future-proof answer to small business storage needs.

Protects storage investments
with local and remote replication and automated tiering.

Increases agility
with non-disruptive upgrades and the ability to scale up to 12PB of flash.

Dependable on the core
with six 9s availability and no single point of failure.

Enables faster business decisions
with 70µs response time.

FlashSystem 5035

Shrink storage needs while being ready for the future with scalability up to 32PB.

Up to 33% better performance
than the previous generation in mixed workloads.

Enterprise-class out of the box
with encryption, compression, de-duplication and IBM HyperSwap for 100% data availability.

Extreme-scale
with up to 32PB in a single system, or scale out with 2-way clustering.

Simple 3-year warranty
with international coverage for smooth cross-border transfers.

Turbo-boosts efficiency
with high-performance data compression and deduplication.

Ultra-available and secure
with data encryption and IBM HyperSwap dual-site replication across the edge, virtual and container-based environments.

FlashSystem 5200

FlashSystem 5200 supports NVMe SSDs, IBM FlashCore Modules (FCM) and Storage Class Memory for even lower latency, packing up to 1.7PB of outstanding performance, scalability and high availability in a 1U rack unit.

Small footprint, a huge impact
Deliver more with fewer drives and lower cost.

Accelerates business decisions
with 70µs response time.

Extreme-scale
Scale up to 1.7PB, or scale out to 32PB with external virtualisation and 4-way clustering.

Proven FlashCore technology performance
delivering 2:1 compression and FIPS 140-2 encryption with no performance loss.

Ultimate data resilience
goes beyond six 9s availability. Maximise data protection, security and availability with IBM HyperSwap.

Simplifies support
with IBM Storage Expert Care, which helps to reduce risk and maintenance outlay with predictable pricing.

FlashSystem 7200

Take advantage of AI-enhanced applications, real-time analytics and cloud architectures that require higher levels of performance and capacity.

Blazing fast data
at 2.3 million max. IOPS 4K read hit and 35GB/s max. bandwidth on a single system.

Enterprise-scale
supporting up to 760 drives with expansion enclosures.

Power to perform
with 4 x 8-core processors and up to 1.5TB cache per enclosure.

Enhanced data reduction
with data reduction pools (DRP) that significantly increase capacity.

Microsecond latency
as low as 70µs enables faster business decisions.

NVMe optimised
for accelerated end-to-end storage performance.

FlashSystem 7300

IBM FlashSystem® 7300 provides feature-rich, enterprise-grade storage solutions that help support crucial workloads and apps.

High-performance redundancy

Up to 24 NVMe high-availability flash devices in a 2U storage enclosure drawer with networked-based replication across 3 sites to prevent a single point of failure.

Scalable for environments of any size

Smart, self-optimizing containerized solution is easily managed, enabling organizations to overcome storage challenges as they grow.

Affordable, high-value solution

High-density tiers of flash storage in an affordable package include compression, new QLC flash-based technology and AI-powered predictive analytics.

Agile integration

Migrate data with fully integrated system management, application-aware data services and high-value features such as AES encryption and inline hardware compression.

Multicloud enabled

Migrate to and from supported cloud providers or create multi-cloud solutions.

Rock-solid resilience

Safeguarded Copy protects your data from cyberattacks with immutable, isolated copies that cannot be altered or deleted, but can be quickly restored to support recovery.

One platform makes storage simple.

IBM Spectrum Virtualize provides the data services foundation for the IBM FlashSystem family, which allows you to select the innovations and enterprise-class features required for each deployment.

FlashSystem 9200

FlashSystem 9200 is NVMe-optimised high-performance storage made simple for the modern cloud enterprise.

Accelerates workloads
with 4.5 million max. IOPS 4K (read hit).

Highest bandwidth
at 45GB/s (256KB read miss) on a single system.

Highest performance
with 4 x 16-core processors and up to 1.5TB cache per enclosure.

Transforms data economics
with innovative data reduction options, automatic tiering and unique FlashCore Modules.

Microsecond latency
as low as 70µs enables faster business decisions.

Protects availability
with dual canisters, dual power and redundant cooling.

FlashSystem 9500

End-to-end NVMe-accelerated all-flash arrays designed for your most demanding workloads

High-performance redundancy
Up to 4.5 Petabytes of effective data storage in an efficient 4U storage enclosure drawer with networked-based replication across 3 sites to prevent a single point of failure.

Scalable for environments of any size
Smart, self-optimizing containerized solution is easily managed.

Affordable, high-value solution
High-density tiers of flash storage in an affordable package.

Agile integration
Migrate data with fully integrated system management.

Multicloud enabled
Migrate to and from supported cloud providers for hybrid cloud integration, or create multi-cloud solutions.

Rock-solid resilience
Safeguarded Copy protects our data from cyberattacks

Choose the right solution

Get market-leading performance and efficiency from the unified IBM FlashSystem® platform family, allowing you to streamline administration and operational complexity across on-premises, hybrid cloud, virtualized and containerized environments.

60%

reduction in admin efforts by consolidating and managing storage arrays as one pool for greater operational simplicity.[1]

43%

increase in storage cost efficiency by using predictive analytics and AI-infused health monitoring capabilities to optimize storage.[2]

99.9999%

uptime for IBM FlashSystem arrays provided by IBM Spectrum® Virtualize high-availability capabilities.[3]

1. The Total Economic Impact of IBM Spectrum Virtualize, Forrester Consulting, April 2020 (PDF, 851 KB)
2. The Total Economic Impact of IBM Spectrum Virtualize, Forrester Consulting, April 2020 (PDF, 851 KB)
3. Uptime calculated based on IBM analysis of installed systems built with IBM Spectrum Virtualize software.

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