IBM **FlashSystem Family**

Storage,
Made Simple

for Hybrid Cloud

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Client Edition

IBM

Contents

The IBM® FlashSystem® family meets the full range of enterprise storage needs in one portfolio.

Why choose FlashSystem?

Businesses are being challenged to optimise IT to drive growth without sacrificing performance, quality or security. With the IBM FlashSystem family, you have everything you need to address infrastructure transformation.

Designed to deliver industry-leading performance and cost efficiency, FlashSystem all-flash and hybrid-flash arrays simplify hybrid cloud storage for organisations of all sizes.

Each member of the family provides enterprise-grade capabilities, but they're not just for big businesses. Use this eBook to learn how IBM FlashSystem helps you protect, manage and extend data to the cloud with less complexity and lower costs.

Watch the video →

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 cloud. Optimise 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.

Learn more about IBM FlashSystem →

The FlashSystem family

The FlashSystem family provides total data integrity, simplified management and the capabilities you need to master hybrid cloud.

Complete peace of mind

IBM FlashWatch provides a whole suite of storage advantages and guaranteed results.

Flash endurance guarantee

Flash media is covered for all workloads while under warranty or maintenance

No-cost migration

Migrate data from over 500 storage controllers, both IBM and non-IBM, for 90 days at no cost

IBM Flash Momentum

A fully flexible controller upgrade offering from IBM
Watch the video →

Cloud analytics

Optimise on-premises and cloud storage environments with IBM Storage Insights

Find out more →

The simple storage experience

With automated insights and diagnostics, plus responsive IBM support, the FlashSystem family is easy to manage and extremely resilient.

01
See a consolidated view of storage with the simplified management of IBM Spectrum Virtualize and intelligent analysis from IBM Storage Insights

02
Predict and prevent problems automatically with IBM Storage Insights diagnostics

03
Know about issues sooner with proactive insights and notifications

04
Quicken time to resolution with 24x7 support, fast response times and remote management

True hybrid cloud mobility

Pre-tested "blueprints" mean it's fast and easy to deploy hybrid cloud environments, right out of the box. Integrate on-premises infrastructure with IBM Cloud™, AWS® Red Hat® and VMware®. Accelerate container deployments and optimise your workloads. Easily migrate data to and from 500+ supported storage systems, with built-in, industry-leading storage virtualisation.

Meet the solutions

Explore the FlashSystem family of faster, smarter and more affordable enterprise storage.

FlashSystem 5015

Your budget-conscious clients shouldn't miss out on enterprise-class features, performance or service.

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

Product details → | Take a 3D tour →

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 to the core
with six 9s availability and no single point of failure

3-year international warranty
for easy cross-border transfers

Enables faster business decisions
with 70μs response time

View datasheet → | Check prices →

FlashSystem 5035

With next-generation performance and versatility, FlashSystem 5035 makes handling mid-range workloads truly affordable.

Shrink storage needs with inclusive guaranteed data reduction, while being ready for the future with scalability up to 32PB.

Product details →   Take a 3D tour →

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

Turbo-boosts efficiency

with high-performance data compression and deduplication

Simple 3-year warranty

with international coverage for smooth cross-border transfers

Ultra-available and secure

with data encryption and IBM HyperSwap dual-site replication across edge, virtual and container-based environments

View datasheet →   Check prices →

FlashSystem 5200

For businesses that need faster response times at affordable prices.

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.

Product details →

Small footprint, 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

Go 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 outlays with predictable pricing

View datasheet →　　Check prices →

FlashSystem 7200

FlashSystem 7200 brings high-end storage capabilities to organisations running mid-range workloads.

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

Product details →   Take a 3D tour →

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

View datasheet →

FlashSystem 9200

Accelerate mission-critical applications with the highest levels of performance, functionality, security and availability.

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

Product details →   Take a 3D tour →

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

View datasheet →

Choose the right solution

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 5015	FlashSystem 5035	FlashSystem 5200	FlashSystem 7200	FlashSystem 9200
IBM Spectrum Virtualize software	•	•	•	•	•
IBM Storage Insights (AI-based monitoring, predictive analytics and proactive support)	•	•	•	•	•
VMware & Red Hat® OpenShift® container integration	•	•	•	•	•
3-site replication	•	•	•	•	•
Local & remote replication (snapshots, DR, copy/migrate to cloud)	•	•	•	•	•
AI-driven automated tiering with IBM Easy Tier	•	•	•	•	•
Transparent data migration	•	•	•	•	•
Data reduction pools		•	•	•	•
Scale-out clustering		•	•	•	•
HyperSwap high availability		•	•	•	•
Encryption		•	•	•	•
NVMe flash and FC-NVMe host connections			•	•	•
High-performance compression & encryption for IBM FCM			•	•	•
External storage virtualisation of 500+ systems			•	•	•
Storage Class Memory			•	•	•

Enhance your investment

IBM offers support and options* to help you make the best storage investment.

IBM Global Financing

Manage cash flow and finance big possibilities. IBM can provide loans and leases for FlashSystem solutions and services. Value is accelerated, thanks to rates as low as 0% for 12 months. And you can start your projects today, with a payback period up to 20% shorter than up-front payment.

Optimise cash flow
Minimise up-front payments, align costs with benefits

Reduce cost and improve ROI
With fair market value (FMV) leasing-based refreshes

Maximise liquidity
Free up cash and preserve credit lines

Reduce unpredictability
Know costs over a fixed term

Reduce risk of obsolescence
Upgrade mid-term with little change in costs

Learn more →

Invest in data. Save on storage.

Discover IBM FlashSystem 5000 by test-driving the system of your choice (all funded by IBM, at no cost for you). Visit our portal to see details and prices, request a test-drive and take advantage of our flexible payment plans and special offers. If you have a better competitive price than those shown on the portal, IBM offers to price match!*

Learn more →

Talk to your IBM Business Partner for more details about finance and promotions.

*Not all offerings are available in every country in which IBM operates. Terms and conditions may apply.

Succeed with FlashSystem

See how other businesses have used FlashSystem to achieve their data storage goals.

The FlashSystem family is ideal for businesses that want to:

Improve economics

Store more with less hardware with up to 5x data reduction. Align opex with consumption with a cloud-like experience.

Simplify storage

Manage IBM storage and 500+ multi-vendor systems from a single pane. IBM Storage Insights provides intelligent assistance.

Utilise hybrid cloud

The FlashSystem common software platform extends seamlessly to hybrid cloud storage deployments.

Keep data protected and available

Optional 100% commitment when using HyperSwap. Encrypt data at rest and in the cloud. Detect malware. Recover from errors.

Client case studies

Share FlashSystem success stories from a range of industries.

Download the eBook →

Orange Caraïbe

Orange Caraïbe more than doubled its storage capacity while slashing energy consumption by 94%, with IBM FlashSystem 7200.

"Employees using our data warehouse have seen processing times fall by 30%"
Orange Caraïbe

Read the story →

Hall AG and Citynet

Utility company Hall AG reduced power consumption by 40% and halved its management burden with IBM FlashSystem 7200.

"With IBM FlashSystem we can run critical services with unmatched performance and availability"
Hall AG and Citynet

Read the story →

Connect with FlashSystem

Stay in touch with the latest resources, updates and conversations.

Useful tools

Smart buyer's guide to flash
Find out whether flash storage is right
for your business →

Forrester economic impact report
Get an independent view of the cost savings
and business benefits of IBM FlashSystem →

IBM FlashSystem product tour
Take part in an in-depth,
interactive demonstration →

ESG analyst white paper
Read this report on the real-world
value of the FlashSystem family →

Join the conversation

Discuss storage challenges
Join the IBM Storage group on LinkedIn

See the latest
Watch the IBM Storage YouTube channel

Follow us on social media
IBM Storage on Twitter
IBM Storage on Facebook

IBM Storage Blog
Read the latest storage insights from
the IBM community

Ready to learn more?

Discuss how FlashSystem can meet your business needs.

Contact your IBM Business Partner now.