

IBM FlashSystem Family

Storage, Made Simple

for Redefining
Cyber
Resilience

Client Edition



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

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Why choose FlashSystem?

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

Designed to deliver industry-leading performance and cost efficiency, FlashSystem all-flash and hybrid-flash arrays simplify hybrid cloud storage and shorten cyberattack recovery time. 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 organisations protect, manage and extend data to the cloud with less complexity and lower costs.

[Watch the video →](#)

Fast. Efficient. Secure.



Cyber resiliency

Ensure continuity of operations by protecting your data with flash storage solutions that help speed recovery from cyberattacks.



High performance

Achieve fast response times with low latency and high availability by using flash storage for mission-critical workloads.



Intelligent operations

Streamline data management and support by optimising storage and networking with predictive analytics from AI-powered IBM Storage Insights.



Simple to operate

Streamline operations with a consistent storage platform, powered by IBM Spectrum Virtualize, that provides enterprise-grade capabilities across environments.



Flexible consumption

Procure capacity on demand and combine the control of on-premises storage and the agility of cloud with IBM-maintained storage as a service.



Consistent experience

Unify the view of your storage environment and enable seamless data mobility and storage management both on premises and in the cloud.

[Learn more about IBM FlashSystem →](#)

The FlashSystem family

The FlashSystem family simplifies data and infrastructure management with automation, unified cloud operations, data security and AI-driven insight.

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 offering from IBM

[Watch the video](#) →



Cloud analytics

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

[Find out more](#) →

Data protection for modern environments

IBM FlashSystem can help protect your company's data and make it more resilient, whether in your data centre, containerised or in hybrid environments.

Protect against cyber threats

with data encryption and immutable backups, which you can create on 500+ systems from multiple vendors

Improve IT effectiveness

with consistent, powerful data operations that do not compromise workforce flexibility or productivity

Immediately access data

from remote locations by replicating your data across hybrid environments

Maintain 100% data availability

even during destructive events with IBM HyperSwap

Shorten time to cyber recovery

Increase cyber resiliency with the IBM FlashSystem Cyber Vault framework, which aims to shorten cyberattack recovery time from days to hours. Cyber Vault complements the IBM FlashSystem Safeguarded Copy solution by regularly checking copies for evidence of data corruption caused by malware or ransomware.

Meet the solutions

Explore the FlashSystem family of cyber-resilient, performant and efficient enterprise storage for every kind of environment.

FlashSystem 5015

Budget-conscious businesses 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

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

Enterprise-class out of the box

with encryption, compression, de-duplication and IBM HyperSwap for 100% data availability

Turbo-boosts efficiency

with high-performance data compression and deduplication

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 performance and security at affordable prices.

FlashSystem 5200 supports immutable backups with Safeguarded Copy and ultra-low latency storage technologies, packing up to 1.7PB of outstanding performance, resilience and high availability in a 1U rack unit.

[Product details →](#)

[Take a 3D tour →](#)

CYBER RESILIENCE FEATURES



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 3:1 compression and FIPS 140-2 encryption with no performance loss

Increased cyber resiliency

Detect data corruption caused by a cyberattack with IBM Safeguarded Copy, and shorten recovery time from days to hours with IBM Cyber Vault

Simplifies support

with IBM Storage Expert Care, which helps to reduce risk and maintenance outlays with predictable pricing

[View datasheet →](#)

[Check prices →](#)

FlashSystem 7300

FlashSystem 7300 provides feature-rich, enterprise-grade storage to supports your crucial mid-range workloads and apps.

Take advantage of end-to-end NVMe, IBM FlashCore technology, the ultra-low latency of storage class memory (SCM), and the cyber resiliency of immutable and isolated copies.

[Product details →](#)

NEW



Blazing fast data

at 3.5 million max. IOPS read hit and 45GB/s max.¹ bandwidth on a single system

Power to perform

with 4 x 10-core processors per control enclosure and up to 1,536 GB per control enclosure

Efficiency at the core

with inline hardware compression and a 2:1 data reduction guarantee to significantly increase capacity

Accelerates business execution

with end-to-end NVMe-powered IBM FlashCore technology

Microsecond latency

as low as 50µs enables faster business decisions

Leverages AI

to optimise storage management and streamline issue resolution

[View datasheet →](#)

FlashSystem 9500

FlashSystem 9500 provides almost unlimited scalability and connectivity that simplifies hybrid cloud, so you can address the full spectrum of 21st-century data challenges.

Accelerate mission-critical applications across the modern hybrid cloud enterprise, transform data economics using data reduction with no performance impacts, and leverage the rich feature set and high availability of IBM Spectrum Virtualize.

[Product details →](#)

NEW



Increased speed and efficiency

with end-to-end NVMe-powered IBM FlashCore technology and a 2:1 data reduction guarantee

Highest bandwidth

at 100 GB/s (256 KB read miss) on a single system

Highest performance

with 4 x 24-core processors, up to 3,072 GB cache per enclosure, and 8 million max. IOPS 4K (read hit)

Microsecond latency

as low as 50µs enables faster business decisions

High-performance hybrid cloud

with the software-defined functionality and services of IBM Spectrum Virtualize

Quickens issue resolution

and optimises storage management by leveraging AI

[View datasheet →](#)

Choose the right solution

One platform makes storage simple. IBM Spectrum Virtualize provides a full range of industry-leading data services, which enables you to select the enterprise-class security, mobility and efficiency features required for each deployment.

	FlashSystem 5015	FlashSystem 5035	FlashSystem 5200	FlashSystem 7300	FlashSystem 9500
IBM Spectrum Virtualize software	•	•	•	•	•
IBM Storage Insights (AI-based monitoring, predictive analytics and proactive support)	•	•	•	•	•
VMware & Red Hat® OpenShift® container integration	•	•	•	•	•
Multi-tenancy	•	•	•	•	•
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			•	•	•
Safeguarded Copy & Cyber Vault enabled			•	•	•
High-performance compression & encryption with IBM FlashCore Modules			•	•	•
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 →](#)

A smarter way to meet evolving data demands

IBM Storage as-a-Service enables you to gain the agility of cloud-like services and only pay for what you use.

This flexible hybrid cloud model can help you:

Deploy applications faster

with quick provisioning

Be ready for growth

with 50% additional capacity pre-installed

Increase productivity

with consistent data services on premises and in the cloud

IBM Storage as-a-Service is powered by the enterprise-class capabilities of IBM FlashSystem, designed for cyber resiliency and 99.9999% uptime.

[Solution details →](#)

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.



Utilise hybrid cloud

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



Simplify storage

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



Increase cyber resiliency

Detect cyberattacks early to minimise damage. Reduce recovery time from days or weeks to just hours. Enable forensic analysis of attacks.

Client case studies

Read FlashSystem success stories from a range of industries

[Download the eBook →](#)

Höganäs Borgestad AB

An industrial products specialist centralised its data structure and achieved 2x storage performance and 90% cost savings.

“FlashSystem provides access to data twice as fast as before”

Höganäs Borgestad AB

[Read the story →](#)

Compass Health Brands

A medical products leader accelerated batch jobs with 34% more IOPS, reduced downtime and lowered disk usage by 25%.

“IBM FlashSystem allowed us to do data migration while live and without impact to users – that was huge!”

Compass Health Brands

[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 you



Gartner Magic Quadrant report

Learn why IBM is a 2021 leader in Primary Storage Arrays



IBM FlashSystem product tour

Get clients an in-depth, interactive demonstration



ESG analyst white paper

Understand storage's role in ensuring cyber resiliency



Environmentally sustainable by design

IBM storage technologies including FlashSystem can help you:

Reduce e-waste

by upcycling your existing investments

Get more out of your investments

with data reduction capabilities

Reduce your carbon footprint

with environmentally friendly storage technologies

Join the conversation



Discuss storage challenges

Join the IBM Storage group on LinkedIn



See the latest

Watch the IBM Storage YouTube channel



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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.





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