

IBM FlashSystem

Designed to Protect

Engineered to Adapt

Built to Perform

Executive Summit 2026

Hilton, Sofia

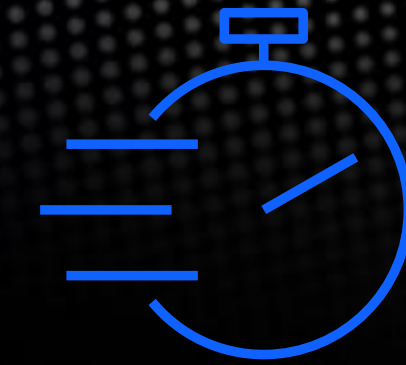
May 12th, 2026



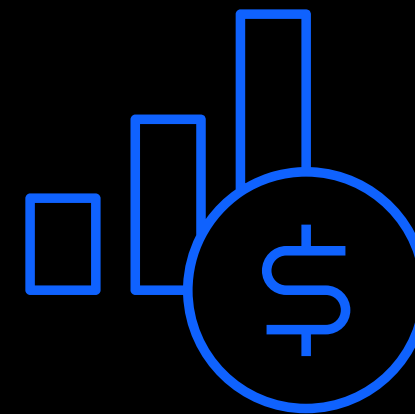
What is keeping IT leaders up at night?



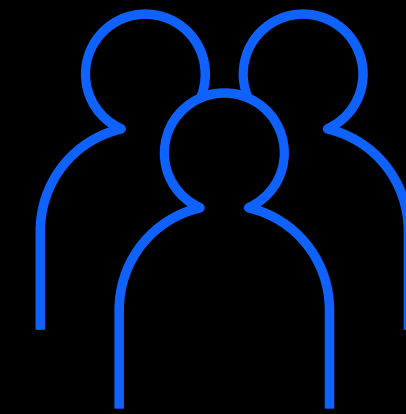
Operational &
compliance risks



Meeting SLA
demands

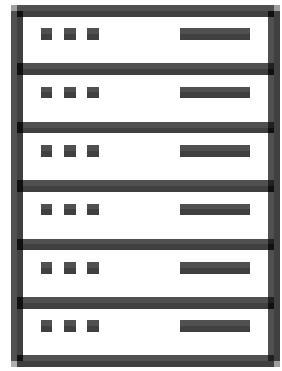


Control operating
costs

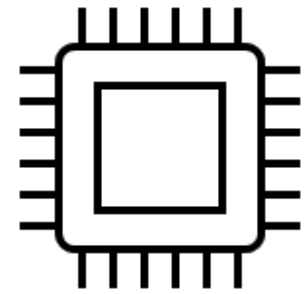


Skill acquisition &
retention

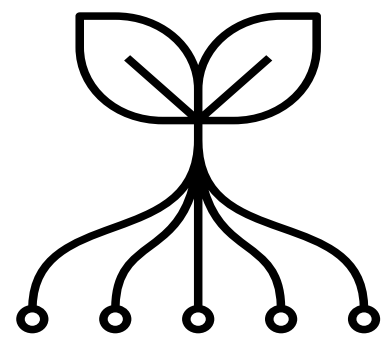
Traditional storage approaches aren't keeping pace



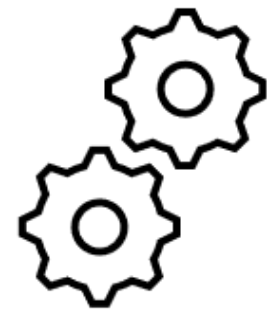
Monolithic



System-Centric

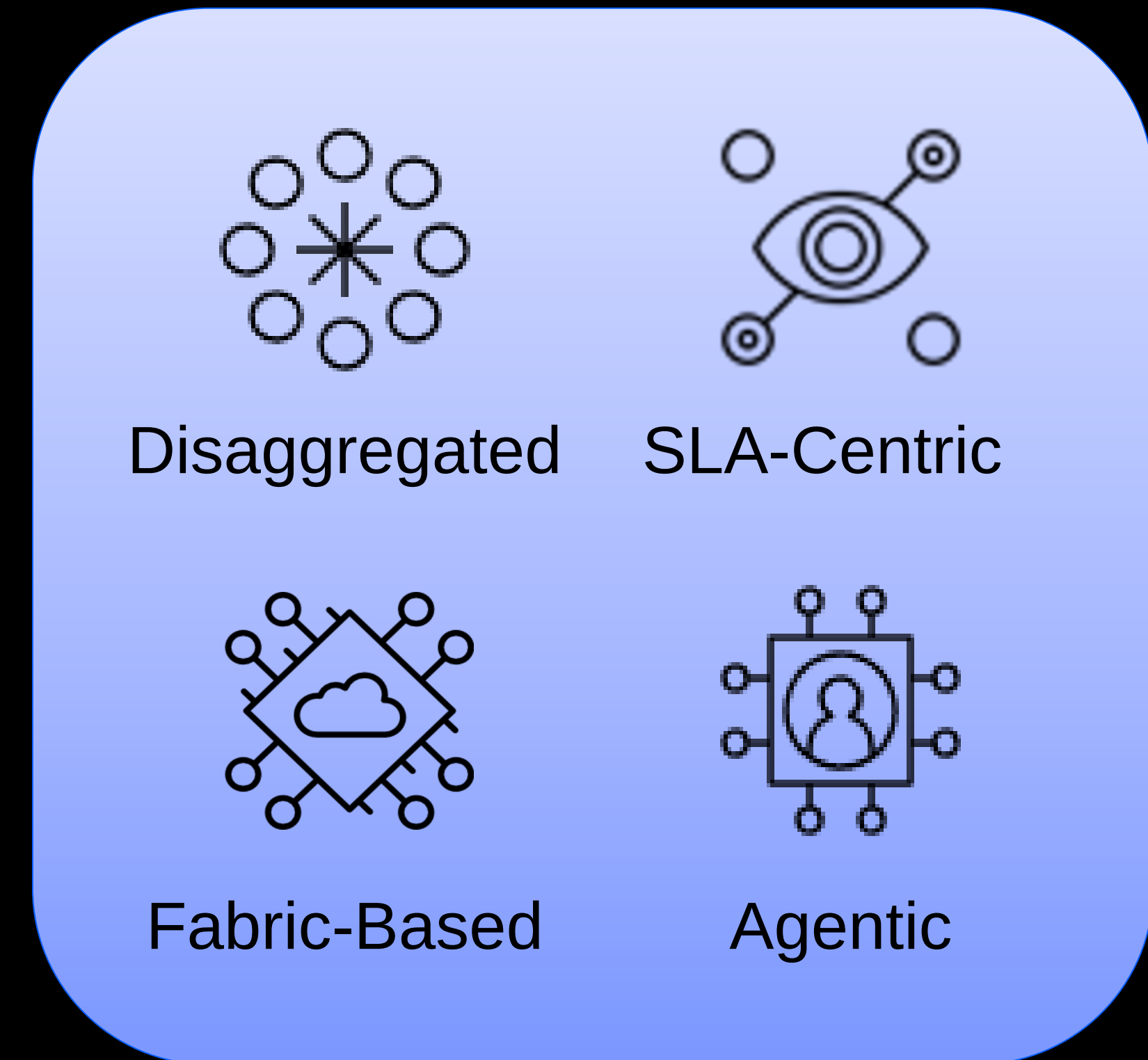
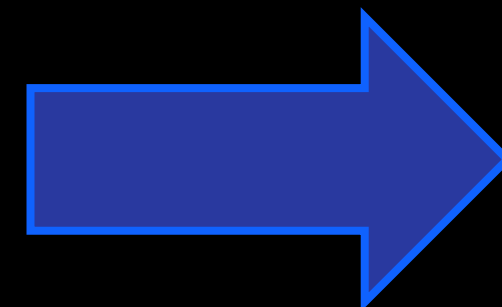
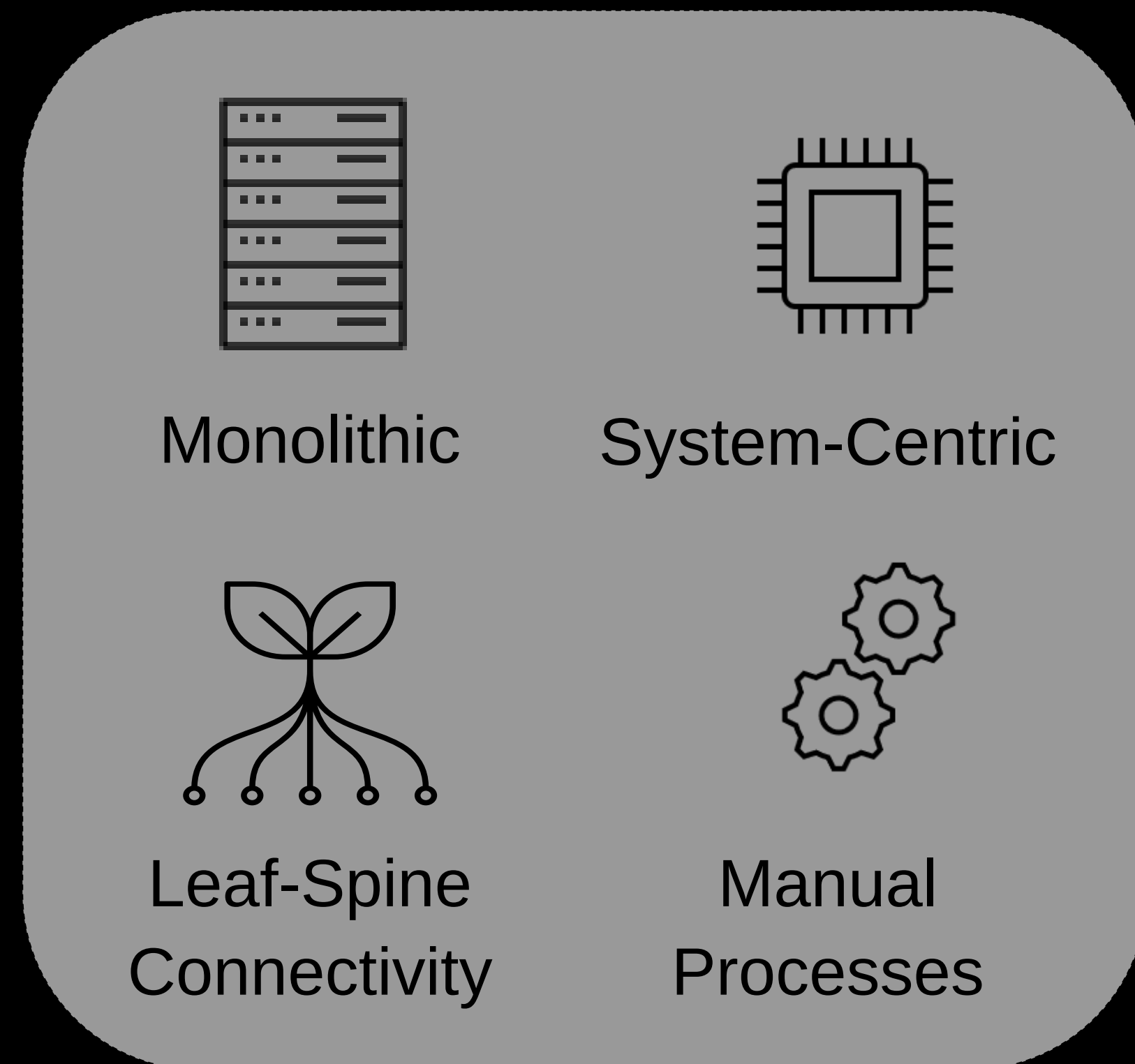


Leaf-Spine
Connectivity



Manual
Processes

We need a new approach



The future of storage starts here



Intelligent

Autonomous

Agent-Driven

A circular diagram consisting of a blue line forming a circle. Two blue arrows are positioned on the circle, one at the top right and one at the bottom left, both pointing clockwise. The text "AI-DRIVEN DYNAMIC STORAGE" is centered within the circle in a bold, blue, sans-serif font.

**AI-DRIVEN
DYNAMIC
STORAGE**

Introducing FlashSystem.ai



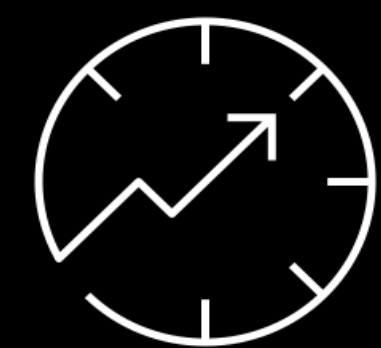
**Context Aware
Security**



**Dynamic
Compliance**



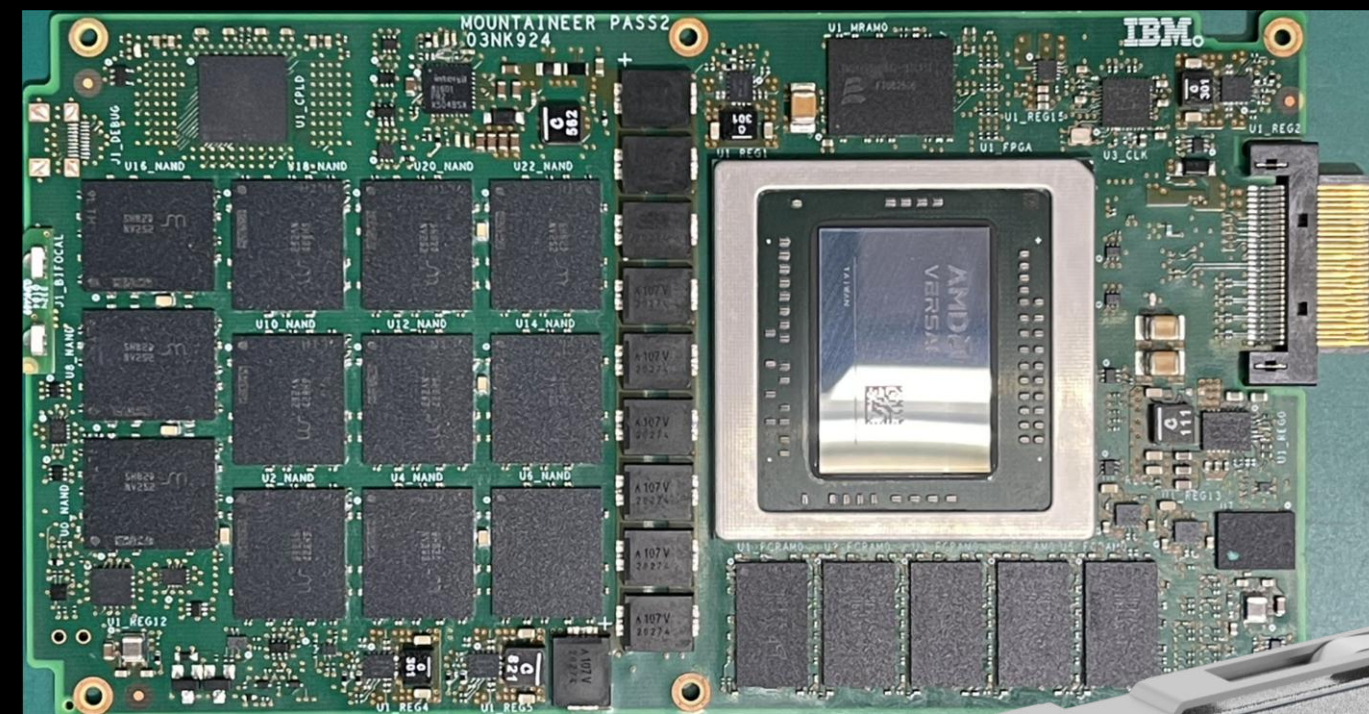
**Amplify Human
Expertise**



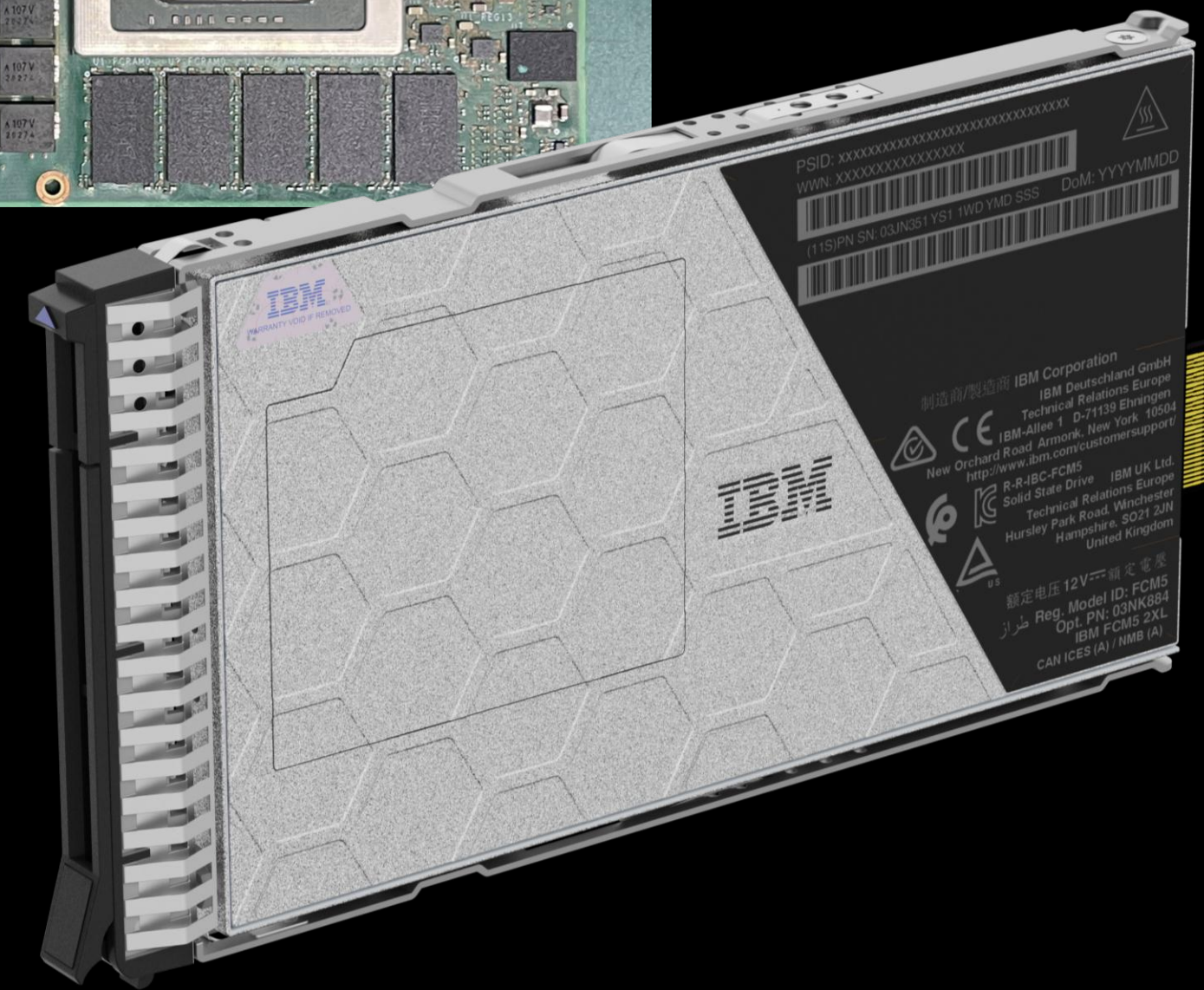
**Proactive
Optimization**

Breakthrough Hardware

Fifth Generation IBM FlashCore Module



E3.L



More Security

More Density

More Performance

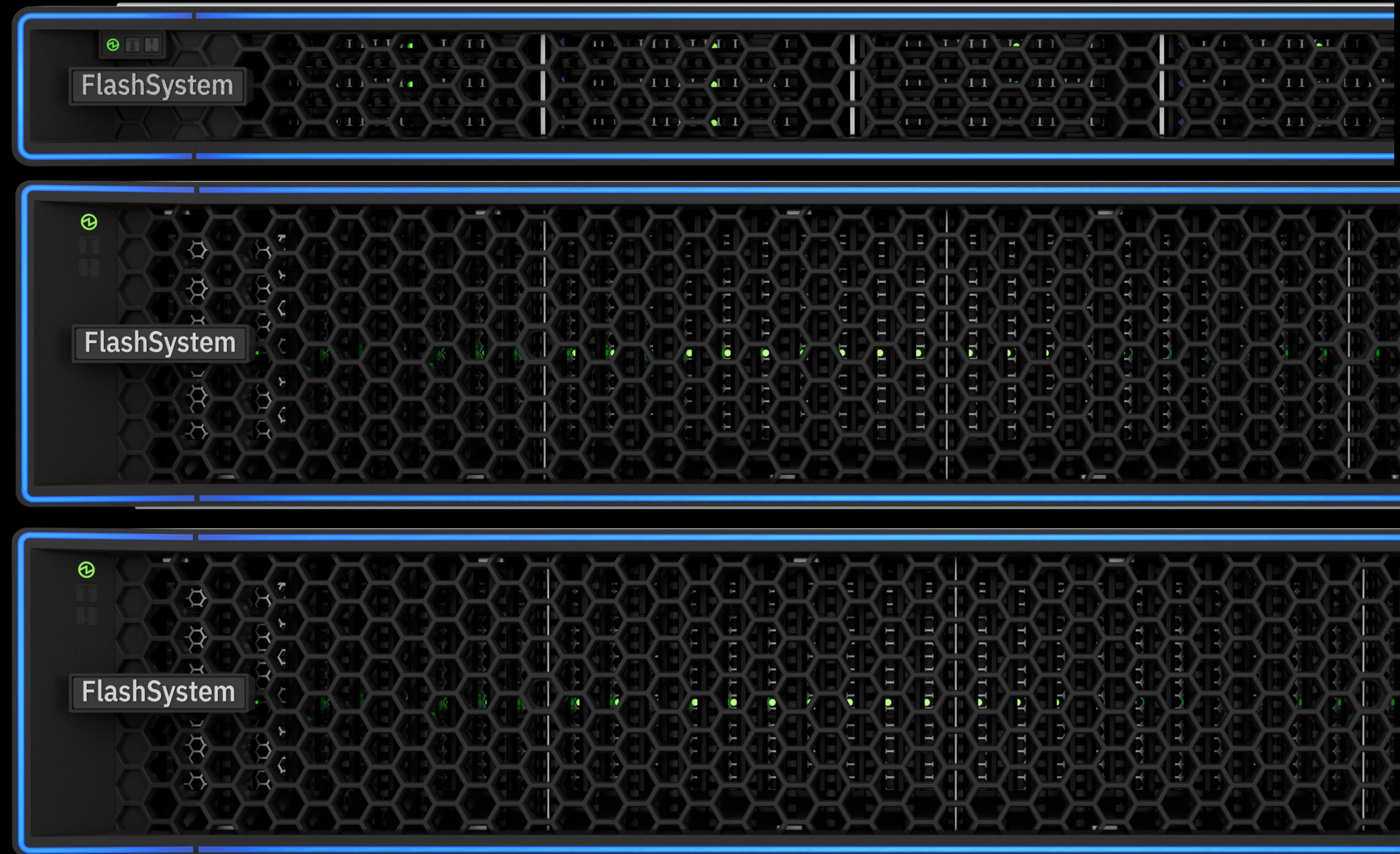
Protect, Adapt, & Perform – without compromise



Reduce storage operations cost
by as much as 57%

Up to 68% performance
improvement

Up to 40% greater efficiency and
capacity



IBM FlashSystem



Designed to Protect, Engineered to Adapt, Built to Perform

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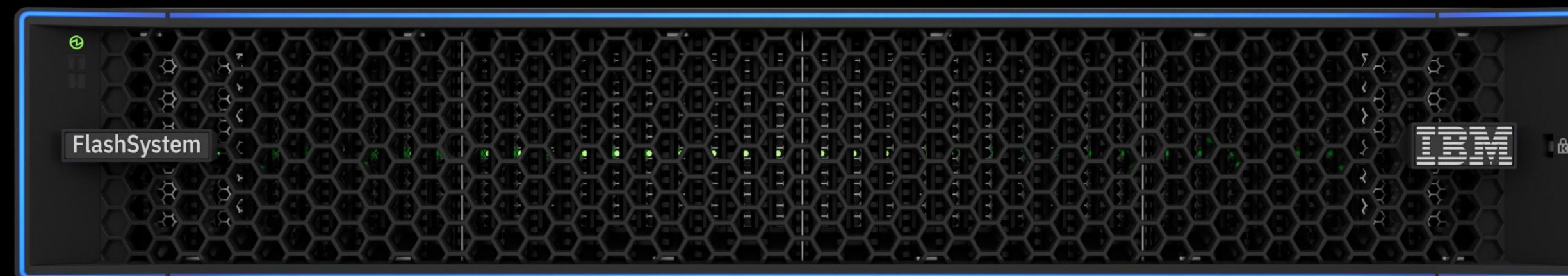
IBM FlashCore Module, 5th Generation



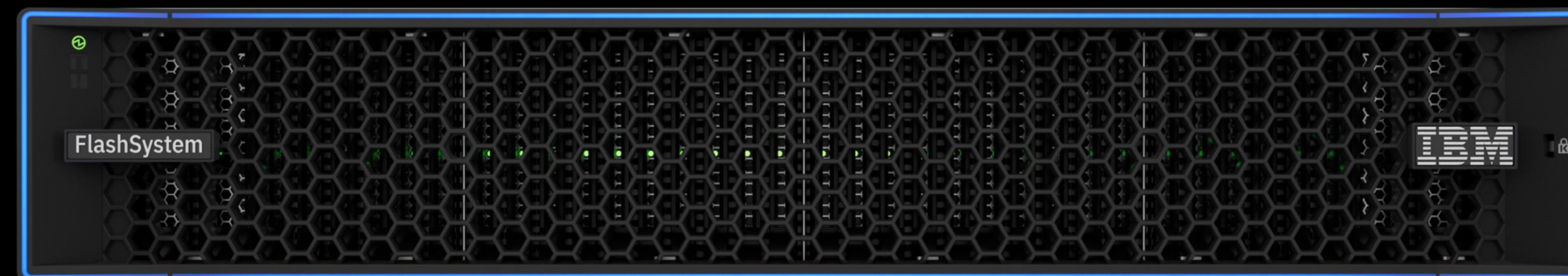
IBM FlashSystem 5600



IBM FlashSystem 7600



IBM FlashSystem 9600



IBM FlashSystem Redefined



IBM FlashSystem

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Machine Learning

Estate Learning &
Observability

Natural Language
Processing

Data
Management
Neural Networks

Agentic Control
Plane

Data Contracts

The language of business intent - Guaranteed



New! 5600



New! 7600



New! 9600

New! 5th gen FlashCore



IBM introduces the future of all-flash data centers



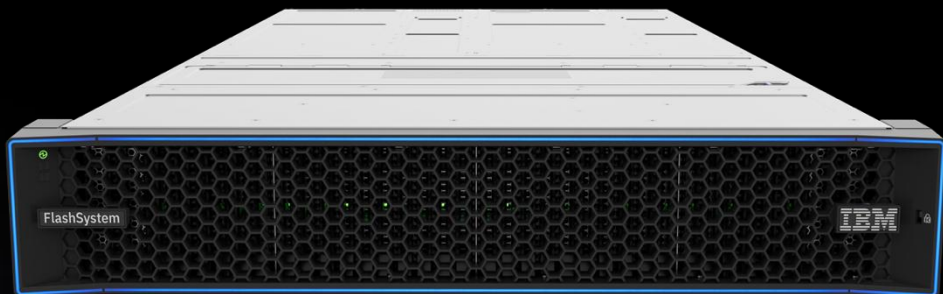
FlashSystem 5600

Type of media	NVMe
Rack Units	1U
Drive slots	12 drive slots ¹
Usable / Effective	403TBu / 2.42 PBe
Achieved with:	FCM 5 – 52.8 TB (XL)
CPU info per system	2x12 core Ice Lake D
CPU cores per system	24 cores
High-speed bus	PCIe Gen 4
Max Cache Hit IOPs:	2.6M
Max 70/30/50 IOPs 16KB	0.7M
Max Read Miss Bandwidth:	30GB/s
Max Bandwidth per drive	1.83 GB/s per drive
Max HBA slot per system	4
Max Gb FC ports	16-32Gb FC ports 12-64Gb FC ports
Max GbE ports	4 - 25GbE on-board 16 – 25GbE ports



FlashSystem 7600

Type of media	NVMe
Rack Units	2U
Drive slots	32 drive slots
Usable / Effective	1.22PBu / 7.29 PBe
Achieved with:	FCM 5 – 52.8TB (XL)
CPU info per system	2x16 core AMD Epyc
CPU cores per system	32 cores
High-speed bus	PCIe Gen 5
Max Cache Hit IOPs:	4.3M
Max 70/30/50 IOPs 16KB	1.2M
Max Read Miss Bandwidth:	55 GB/s
Max Bandwidth per drive	1.87 GB/s per drive
Max HBA slot per system	8
Max Gb FC ports	32 – 32Gb FC ports 12 – 64Gb FC ports
Max GbE ports	32 – 25GbE ports



FlashSystem 9600

Type of media	NVMe
Rack Units	2U
Drive slots	32 drive slots
Usable / Effective	2.43PBu / 11.88 PBe
Achieved with:	FCM 5 – 105.6 TB (XXL)
CPU info per system	2x48 core AMD Epyc
CPU cores per system	96 cores
High-speed bus	PCIe Gen 5
Max Cache Hit IOPs:	6.3M
Max 70/30/50 IOPs 16KB	3.00M
Max Read Miss Bandwidth:	86 GB/s
Max Bandwidth per drive	2.68 GB/s per drive
Max HBA slot per system	8
Max Gb FC ports	32 - 32Gb FC ports 12 – 64Gb FC ports
Max GbE ports	32 – 25GbE ports

5th Generation FlashCore Modules

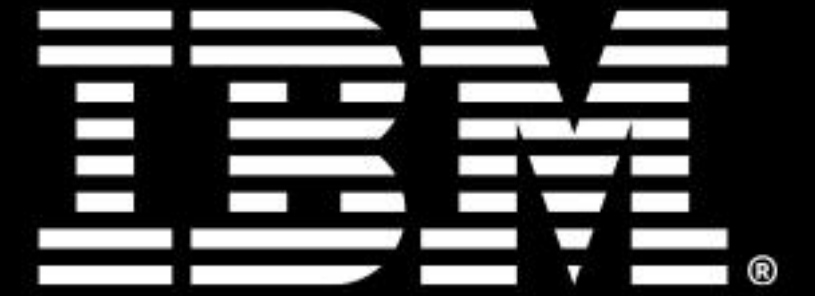


- New Enterprise Datacenter Form Factor (EDSFF)
- Latest 2TB QLC NAND flash technology
- Increased raw capacity
- Increased effective capacity
- Increased performance
- Increased computational offload
- Increased security
- Same FlashCore reliability



Capacity Points in TB	Small	Medium	Large	XL	2XL
Form Factor thickness	1T	1T	1T	1T	1T
RAW Capacity	6.6	13.2	26.4	52.8	105.6
Usable “physical” Capacity (1:1)	5.6	11.2	22.4	44.8	89.6
Maximum Data Reduction	6:1	6:1	6:1	6:1	4.88:1 ¹
Effective Capacity	33.6	67.2	134.4	268.8	438.0
Platform Support	x600	x600	x600	x600	9600

IBM FlashSystem Guarantees



Threat Detection and Cyber Resiliency

FlashSystem arrays with 5th generation FlashCore Modules provide Ransomware Threat Detection in under 60 seconds. This is improved upon with immutable Safeguarded Copy snapshots that can be recovered in just 60-seconds.

100% Data Availability

IBM Policy Based High Availability (PBHA) provides zero down time during a 3-year period of ownership on FlashSystem solutions.

Sustainability

IBM FlashSystem has stunning energy efficiency, as low as 0.56 watts per terabyte based on raw capacity of a fully populated FlashSystem 9600 using XXL 5th-gen FlashCore Modules.

5:1 Data Reduction

IBM has advanced data reduction to help reduce the total cost of ownership (TCO). IBM provides a FlashSystem 5:1 Data Reduction Guarantee.



Thank You!

