

Experience Different! The Tintri IntelliFlash intelligent infrastructure is a fourth-generation storage solution that delivers an exceptional user experience through automation, analytic insights, and a variety of time-saving management features to drive your most valuable workloads in today's data centers.

Why Choose IntelliFlash

All workloads, running in virtualized and non-virtualized environments, benefit from accelerating transactions and simplifying operations. IntelliFlash Intelligent Infrastructure combines the high performance at low latency of NVMe™ and other flash media with intelligent predictive analytics, flexibility at scale, unified access, and comprehensive data services to make IntelliFlash a compelling choice to accelerate your business.

How is IntelliFlash Different?

Modern Data Centers need to maximize the return on their storage investments by putting data to work. IntelliFlash systems are built to do just that – easy, efficient, and intelligent infrastructure enabling businesses to achieve:

INTELLIGENCE that automates storage administration while maximizing the uptime and efficiency of all your IntelliFlash systems.

PERFORMANCE that delivers consistent rapid access across multiple mixed workloads.

AGILITY that enables developers and data scientists to innovate faster.

Intelligent Infrastructure Delivers a Better Customer Experience

Intelligent Infrastructure automated analytics greatly reduce customer escalations, lengthy hold times and inflexible support policies.

Analytics for IntelliFlash

IntelliFlash systems include integrated cloud-based intelligent analytics, enabling you to quickly and easily monitor the health, performance, and usage of all your IntelliFlash systems. Predict future requirements and detect problems before they develop into component and system failures. By maximizing system uptime and efficiency while simplifying storage administration, you can focus instead on adding value to your business.

Give Your Most Demanding Applications a Power Boost

Power your data in real time and achieve breakthroughs that you once thought were impossible. IntelliFlash NVMe systems deliver the speed, efficiency and scale required to unearth insights and turn them into significant business results. Accelerate your AI-driven initiatives, provide deep analysis through machine learning, and operate at the forefront of digital transformation to make your organization thrive.

One Flash Platform for Every Workload

Whether you need the exceptional performance of NVMe-flash, the sustained performance of SAS-flash or a balance of performance and high capacity afforded by a hybrid system, IntelliFlash intelligent infrastructure cost-effectively satisfies any or all these requirements. Regardless of which series and model you choose, all IntelliFlash systems share the same operating environment, feature set, and management experience.



1.7M IOPS

NVMe Flash Performance

200µsec

NVMe Flash Latency

2.3PB

Flash Capacity in 14RU

276%

Return On Investment

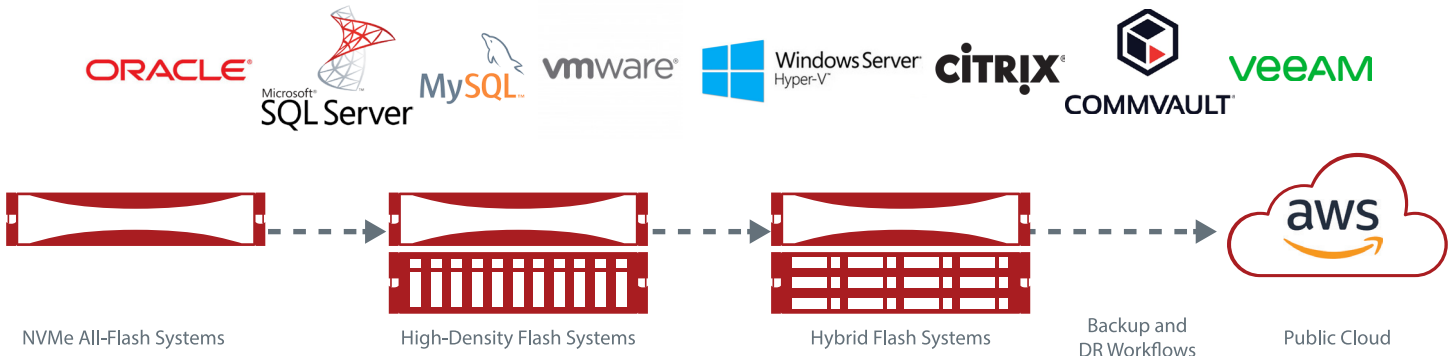
“IntelliFlash blew us away with its speed and economics. We looked at a few others, but they didn’t even come close. And we already had a very positive experience with the hybrid arrays, so it was a no brainer.”

Rob Sheppard, Data Center Manager at the United Center

“Our database queries run incredibly fast. Having extremely low latency is so important to the visitor experience, and everything runs smoothly. With latency in sub-millisecond range, patrons are able to seamlessly enjoy a world-class art experience without interruption.”

Tom Hood, Director of Technology Operations at the Cleveland Museum of Art

IntelliFlash Storage Systems



IntelliFlash Systems	N-Series NVMe™-Flash	HD-Series High-Density Flash	T-Series All-Flash and Hybrid
	Empowering the most demanding enterprise workloads	Accelerating multiple mixed workloads at most any scale	Delivering enterprise-class capabilities with balanced performance and economics.
Models	N5100, N5200, N5800	HD2040, HD2080, HD2160	T4100, T4200, T4600, T4700, T4800
Flash RAW Capacity[†]	10TB to 184TB	92TB to 2,580TB	11.5TB to 46TB
All-Flash Effective Capacity[‡]	Up to 9,270TB	Up to 10,044TB	Up to 1,387TB
Protocol Support	iSCSI, Fibre Channel, NFS, SMB		
Data Services	Real-time deduplication and compression, snapshots and clones, space efficient thin provisioning, remote replication, S3 Cloud Connector, Live Dataset Migration		
Intelligent Management	Analytics for IntelliFlash, web UI, configuration wizard, VMware plug-in for vCenter and Linked Mode, Microsoft SCVMM		

[†] Values indicated are RAW capacity. Accessible capacity will vary from the stated capacity due to formatting and partitioning of the hard drives, the operating system and other factors

[‡] Effective capacity assumes capacity after dual-parity, data protection, and metadata overhead, and includes the benefit of data reduction with inline deduplication and compression. Data Reduction is calculated based on 80% efficiency.