BROCHURE

Tintri IntelliFlash™

IntelliFlash

Experience Different! The Tintri IntelliFlash storage platform is a fourth-generation Intelligent Infrastructure solution portfolio that delivers an exceptional user experience. These systems offer a differentiated combination of performance, automation, analytic insights, and time-saving management features to drive the most valuable workloads in today's data centers.

Why Choose IntelliFlash?

All workloads, running in virtualized and non-virtualized environments, can benefit from accelerated transactions and simplified operations. IntelliFlash Intelligent Infrastructure combines the high performance and low latency of NVMe™ and other flash media with intelligent predictive analytics, architectural flexibility at scale, unified multiprotocol access, and comprehensive data services. These enterprise-grade capabilities make IntelliFlash a compelling choice to accelerate your IT and business objectives.

How is IntelliFlash Different?

Modern data centers need to maximize returns on storage investments by putting data to work. IntelliFlash systems are built to do just that, while delivering a better customer experience with:

INTELLIGENCE that automates storage analytics and administration for maximum uptime and efficiency across all your IntelliFlash systems.

PERFORMANCE that delivers consistent throughput, low latency and rapid data access across mixed workloads.

AGILITY that enables developers and data scientists to accelerate innovation and decisions, respectively.

Analytics for IntelliFlash

IntelliFlash systems include integrated cloud-based intelligent analytics, enabling you to easily monitor the health, performance, and utilization of all your IntelliFlash systems. You can predict future requirements and detect problems upfront before users are affected. By maximizing system uptime and efficiency with minimal storage administration, you can focus instead on adding value to your organization.

Give Your Most Demanding Applications a Power Boost

Empower your data and achieve application breakthroughs that you once thought were impossible. IntelliFlash NVMe systems deliver the speed, efficiency and scale required to process information faster, unearth real-time insights and convert them into significant business results. Accelerate your AI-driven initiatives, deepen your analysis with machine learning, complete your digital transformation and enable your organization to thrive.

One Flash Platform for Any Workload

Whether you need the exceptional performance of NVMe-flash, the sustained performance and high density of SAS-flash or an optimal balance of performance and capacity offered by a hybrid system, the IntelliFlash portfolio can cost-effectively satisfy all these requirements. To further reduce operational complexity and expense all IntelliFlash systems share the same operating environment, feature set, and management experience.

1.7M IOPS

NVMe Flash Performance

200µsec

NVMe Flash Latency

2.6PB

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 [systems], so it was a no-br ainer."

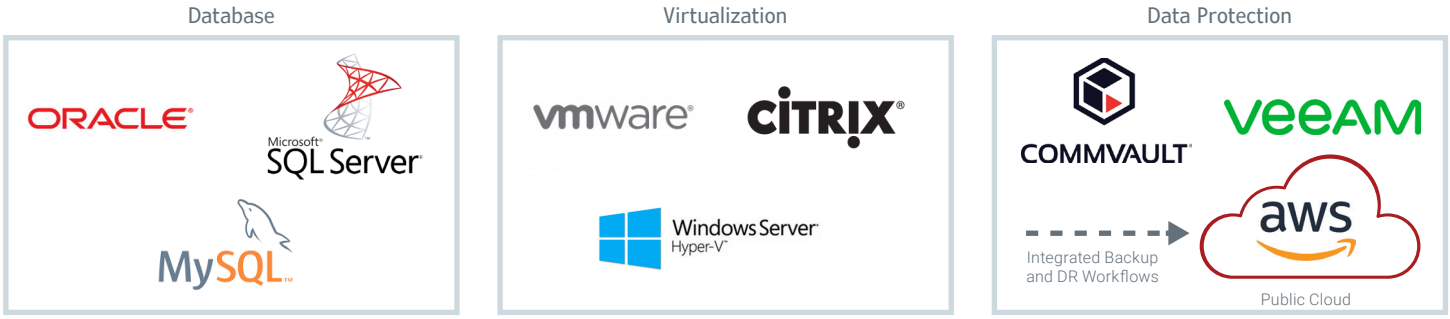
Rob Sheppard, Data Center Manager at the United Center

"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

Tintri
Intelligent Infrastructure

IntelliFlash Workloads



IntelliFlash Storage Systems

IntelliFlash Systems	N-Series NVMe-Flash	HD-Series High-Density Flash	T-Series		H-Series Hybrid Flash
			Hybrid	All-Flash	
	Empowering the most demanding enterprise workloads	Accelerating multiple mixed workloads at most any scale	Delivering enterprise-class capabilities with balanced performance and economics		NVMe-accelerated hybrid solution for NAS workloads that require performance at scale
Models	N5100, N5200, N5800	HD2040, HD2080, HD2160	T4200	T4700, T4800	H6100, H6200
Controller RAW Capacity (TB)†	19 to 184	46 to 368	52	34 to 67	23 to 368
Max Expansion RAW Capacity (TB)†	276 to 2212	492 to 2212	52 to 274	23 to 165	96 to 6480
Total Effective Capacity (TB)‡	1395 to 9270	2511 to 10044	84 to 748	88 to 392	384 to 25920
Protocol Support	SAN Protocols (iSCSI, Fibre Channel), NAS Protocols (NFS, SMB)				
Data Services	Real-time deduplication and compression, snapshots and clones, space efficient thin provisioning, synchronous replication, full featured file services, S3 Cloud Connector, Live Dataset Migration, data-at-rest and data-in-flight encryption				
Intelligent Management	IntelliFlash web UI, configuration wizard, Analytics for IntelliFlash, VMware plug-in for vCenter and support for vCenter Linked Mode, RBAC, SRA and VAAI NAS; Microsoft SCVMM/SMI-S, IP-KVM, SNMP, PowerShell Toolkit				

† 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. Minimum all-flash RAW capacity based on half-populated controller unit.

‡ Total effective capacity includes controller plus expansion shelves. 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 4:1 ratio. This efficiency can differ based on workload and or expansion shelf configuration. Where a range is present, the values are Min - Max.