![Tintri logo]
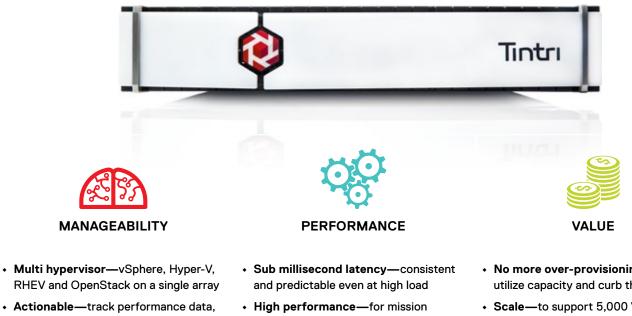
Tintri VMstore™ T5000 All-Flash Series

Industry's First All-Flash Storage Powered by VM-Aware Architecture

The Tintri VMstore T5000 All-Flash series offers you an unmatched combination of performance and visibility for your most demanding applications. The T5000 delivers all the benefits of Tintri's VM-aware performance isolation and per-VM QOS while guaranteeing high performance and low latency across the entire flash capacity. The T5000 series enables all storage action at the VM-level—manage, replicate, automate and analyze any (or every) VM to keep storage simple. Tintri's all-flash and hybrid-flash arrays share a common OS and analytics so you can balance workloads and manage your entire footprint from a single pane of glass.

MANAGEABILITY

- **Multi hypervisor**—vSphere, Hyper-V, RHEV and OpenStack on a single array

- **Actionable**—track performance data, take immediate actions and see results

- **Consolidate**—VMs with high performance demands

PERFORMANCE

- **Sub millisecond latency**—consistent and predictable even at high load

- **High performance**—for mission critical workloads

- **Per-VM**—performance isolation and QoS with min / max IOPS guarantee

- **Analytics** — end to end, real time view across storage, host and network

VALUE

- **No more over-provisioning**—fully utilize capacity and curb the VM sprawl

- **Scale**—to support 5,000 VMs in just 2 rack units

![amatis NETWORKS logo]

"We created this environment for one of our largest customers that generates about 300,000 transactions during its monthly processing runs. That workload used to take more than 20 hours to complete and was prone to failure. It now takes less than four hours on the Tintri arrays and runs faultlessly every time."

Alex Fossa, CTO and Founder, Amatis Networks

Tintri VMstore™ T5000 All-Flash Series

	VMstore T5080		VMstore T5060
SYSTEM			
Type	**All-Flash,** Dual controller (active-standby)		
SOFTWARE			
Tintri Operating System	Requires Tintri OS 4.0 or higher		
FLASH			
Effective capacity[a]	Up to 73 TB		Up to 36 TB
Flash raw capacity	23 TB		11.5 TB
VM DENSITY			
VMs (max)	5,000		2,500
vDisks (max)	15,000		7,500
CONNECTIVITY PER CONTROLLER			
10 GbE Network	4 or 6	4 or 6	4
Software functionality	Ethernet failover link aggregation, VLAN tagging, IP aliasing, LACP		
PHYSICAL SPECIFICATIONS			
Dimensions (HxWxD)	2 RU, 3.5" x 19" x 31.38" w/o bezel (89 mm x 483 mm x 800 mm)		
Weight	79.3 lbs (36.0 kg)		
POWER & ENVIRONMENTAL			
Watts (nom)	495		475
BTU (nom)	1690		1620
Power Supplies	Dual redundant hot swappable with a choice of NEMA or IEC plug types		
Operating temperature	10 °C to 35 °C (50 °F to 95 °F)		
Non-operating temperature	-40 °C to 70 °C (-40 °F to 158 °F)		
Operating humidity	8% to 90% (non-condensing)		
Non-operating humidity	5% to 95% (non-condensing)		
VIRTUALIZATION SW SUPPORT			
Protocol Support	NFS and SMB3		
Hypervisor	VMware vSphere 5.x and 6.x (NFS) Red Hat Enterprise Virtualization 3.4 (NFS) Microsoft Hyper-V 2012 (SMB3) OpenStack 2014.2.x (Juno) or above		
Desktop virtualization	VMware Horizon (with View) and Citrix XenDesktop (with vSphere or Hyper-V)		
ADDITIONAL SOFTWARE			
Multi VMstore management	Tintri Global Center™		
Replication	Tintri ReplicateVM™		
Encryption	Tintri SecureVM™		
Synchronization	Tintri SyncVM™		
PRODUCT SUPPORT			
Administration	Tintri Global Center, web interface (https), KVM (console), SMTP and SNMP for alerts		
Support	Proactive support with automated phone home and case creation		
REGULATORY			
Compliance	RoHS, REACH		
Safety	CSA/EN/IEC 60950-1, GOST		
Emissions	FCC Class A, ICES-003 Class A, VCCI Class A		
Agency	CE, CSA, VCCI, CCC		

(a)   All capacity values are based on Base 10 (i.e., 1 TB = 1,000,000,000,000 bytes) after double parity RAID-6, spare, and metadata overhead. Effective capacity is calculated after data reduction using inline deduplication and compression but does not include thin provisioning, which typically provides an additional 2.3x capacity benefit. Data reduction typically provides 3-5x capacity savings.