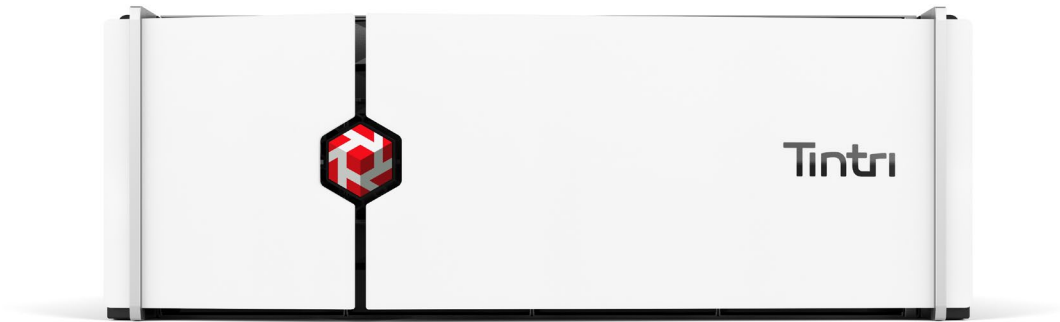




Tintri VMstore™ T800 Hybrid-Flash Series

Best Balance of Storage Performance and Value Powered by VM-aware Architecture

The Tintri VMstore T800 Hybrid-Flash series aligns your storage with your business needs—putting the focus on your virtualized applications. Tintri’s VM-aware storage speeds performance 6x to save you time, and packs storage 10x more densely to save you money. The T800 Hybrid-Flash series is ideally suited to your multiple workloads and hypervisors, large (and growing) VDI deployment, and/or your private cloud. Take every 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

- **Analytics**—end-to-end, real time view across storage, host and network
- **Multi hypervisor**—vSphere, Hyper-V, RHEV, XenServer and OpenStack on a single array
- **Actionable**—track performance data, take immediate actions and see results



PERFORMANCE

- **Per-VM**—performance isolation and QoS with min / max IOPS guarantee
- **Performance consistency**—fast performance with superior economics



VALUE

- **No over-provisioning**—full visibility into capacity and performance reserves
- **VM Level Data Protection**—Saves WAN and capacity over LUN based storage
- **Scale**—with up to 3,500 VMs, 100 TB and 140K IOPS in just four rack units



“Compared to our previous storage, Tintri VMstore can run ten times the VMs in less than a tenth of the data center footprint, and reduce latency by 98 percent at the same time.”

Mike Torgersen, VP of IT at ParAccel

Tintri VMstore™ T800 Hybrid-Flash Series

VMstore T885

VMstore T850

VMstore T820

SYSTEM	Hybrid-Flash, Dual controller (active-standby)		
Type	Hybrid-Flash, Dual controller (active-standby)		
SOFTWARE			
Tintri Operating System	Requires Tintri OS 4.2.1.1 or higher	Requires Tintri OS 3.1 or higher	
CAPACITY ^{a,b}			
Effective ^c	Up to 120 TB	Up to 66 TB	Up to 23 TB
Usable	61 TB	34 TB	11.8 TB
Flash Raw	8.6 TB	5.3 TB	1.7 TB
Effective Capacity for Primary ^c	120 TB	66 TB	23 TB
Data protected as DP/DR Target ^d	610 TB	340 TB	118 TB
VM DENSITY			
VMs (max)	3,500	2,000	750
vDisks (max)	10,000	6,000	2,250
NETWORKING PORTS PER CONTROLLER			
Data	Included: 2x 10 GbE	Included: 2x 10 GbE	Included: 2 x 10 GbE
Replication	Included: 2x 1 GbE Optional: 2x 1/10 GbE	Included: 2x 1 GbE Optional: 2x 1/10 GbE	Included: 2x 1 GbE
Management ports	Included: 2x 1 GbE	Included: 2x 1 GbE	Included: 2x 1 GbE
Software functionality	Ethernet failover link aggregation, VLAN tagging, IP aliasing, LACP		
PHYSICAL SPECIFICATIONS			
Dimensions (HxWxD)	4 RU, 7" x 19" x 28.5" (178 mm x 483 mm x 724 mm)		
Weight	108 lbs (49.1 kg)	108 lbs (49.1 kg)	106 lbs (48.2 kg)
POWER & ENVIRONMENTAL			
Watts (nom/max)	740/950	680/820	600/750
BTU (nom/max)	2,525/3,240	2,320/2,800	2,000/2,560
Power Supplies	Dual redundant hot swappable with a choice of NEMA or IEC plug types		
Operating temperature	5 °C to 40 °C (41 °F to 104 °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 5.1, 5.5 and 6.x (NFS), Red Hat Enterprise Virtualization 3.4 (NFS), Microsoft Hyper-V 2012 (SMB3), XenServer 6.5 (NFS), OpenStack 2014.2.x (Juno) or above		
Desktop virtualization	VMware Horizon (with View) and Citrix XenDesktop (with vSphere, Hyper-V or XenServer)		
ADDITIONAL SOFTWARE ^e			
Multi VMstore management	Tintri Global Center™ Standard (included) Tintri Global Center™ Advanced (includes VM Scale-out)		
Replication	Tintri ReplicateVM™		
Encryption	Tintri SecureVM™		
Synchronization	Tintri SyncVM™		
Analytics	Tintri Analytics (Included in active Tintri maintenance contract)		
PRODUCT SUPPORT			
Administration	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)

(b) After double parity RAID-6, spare, and system overhead

(c) Effective usable capacity is calculated after data reduction, which provides up to 2.5x capacity saving from compression and deduplication from per-VM cloning, but does not include savings from thin provisioning which typically provides an additional 2.3x capacity benefit

(d) Assumes minimum policy of 8 hourly snapshots, 7 daily snapshots, and 4 weekly snapshots. All snapshots are logically represented as full recoveries.

(e) Requires additional license unless otherwise noted

