

Why Violin Is the Best Storage Platform for VMware

10 Things

Sustained
Performance,
Seamless Integration,
Game-changing
Economics

Virtualizing enterprise applications requires storage that can keep up with performance needs for a mix of virtual machine workloads.

Violin Memory delivers flash-based storage solutions that help enterprises overcome the limitations of disk-based storage and unlock the full potential of their virtual infrastructure.

vmware®
READY

violin
MEMORY



- 1 Unmatched performance density**
Violin memory arrays eliminate the “I/O Blender” effect of virtualization. By delivering up to 1 million IOPS and 32TB in a 3U system, Violin memory solutions simplify massive scale virtual machine consolidation for vSphere-based virtual desktop and server infrastructures.
- 2 Virtualization of Business Critical Applications**
Consolidate more business critical applications and databases per server CPU core without compromising service levels. With 10x lower transactional latency compared to legacy storage systems, Violin memory arrays accelerate Business Critical applications, while delivering unmatched economics.
- 3 Record-breaking benchmarks**
Violin arrays are setting the standard for virtualization performance. Whether you want a million IOPS per VM or looking for the industry’s best VMmark benchmarks, Violin is the benchmark storage for VMware.
- 4 Enterprise-class reliability**
Violin’s vRAID technology ensures integrity and reliability of data on flash memory storage. Violin memory arrays deliver Tier-1 class resilience and high availability that is required for highly consolidated virtual environments.
- 5 VMware Ready**
Violin arrays have undergone rigorous VMware Ready certification testing and are fully supported by VMware and Violin.
- 6 VMware vCenter Plugin**
Seamless vCenter and vSphere integration enables centralized storage provisioning, configuration and monitoring.
- 7 Deep API hooks**
Comprehensive integration with vSphere through VAAI (array integration), VASA (array awareness), and other APIs.
- 8 Clone virtual machines faster**
By combining memory-like I/O performance with cloning offload with VAAI, Violin flash arrays will dramatically reduce VM cloning time for large scale VM deployments.
- 9 Reduce storage overhead**
Lower operational overhead while reducing space, power, and cooling needs by 90% compared to pure disk-based environments.
- 10 Accelerate storage migration**
Reduce Storage vMotion time by up to 95% by offloading VMDK Copy operations to Violin arrays.