

Violin Flash Storage Platform 7250 with Concerto OS 7 Enterprise Data Services

Highlights

Enterprise Data Services

- Remote Asynchronous Replication
- Application and Crash Consistent Snapshots

Simple and Easy Management

- Symphony 3 single-pane-of-glass Management UI

Data Reduction

- Granular Inline Block Deduplication
- Granular Inline Block Compression

Features

- Up to 26 TB raw, 85 TB effective capacity
- 16 Gb/s Fibre Channel
- 10 Gb/s iSCSI
- Can be operated as a stand-alone array or as a shelf within FSP 7700
- Pay-as-you-grow capacity licensing for non-disruptive growth



Transform your data center economics with the Violin® Flash Storage Platform™ 7250. Upgrade your primary storage to an All-Flash Array with enterprise data services, consistent performance, and simple manageability to achieve new levels of data center consolidation at the cost of legacy disk.

The Flash Storage Platform (FSP) 7250, powered by Concerto™ OS 7, is a cost-effective solution that delivers a rich suite of Enterprise Data Services including business continuity, data protection, data scalability, and data efficiency that can transform the data center with the performance and capabilities enterprise-class primary storage requires. Violin's Enterprise Data Services deliver several benefits that are both highly functional and economical, including:

- Data reduction through advanced inline data deduplication and compression for savings up to 10:1 depending upon application
- Flexible and powerful business continuity with snapshot and replication
- Data scaling is simple with pay-as-you-grow capacity licensing for low risk, non-disruptive growth
- Configuration choice as either a stand-alone storage array, or as a shelf within the FSP 7700
- Intuitive day-to-day management with Symphony's single-pane-of-glass UI

Enterprise Data Services Solution

The FSP 7250 can be deployed as a self-contained SAN connected all-flash array or as a storage shelf within the FSP 7700 for increased scale and business continuity. Concerto OS 7's management provides administrators flexibility to respond to unique enterprise requirements. The Symphony™ 3 Management UI features a data reduction dashboard that shows the actual data reduction rate. The degree of control available with Concerto OS 7 makes the FSP the safe choice for primary storage in the enterprise data center.

Simple and Easy Management

Symphony, Violin's Management Console, is a single-pane-of-glass view into your Violin infrastructure. It provides a single portal through a unified browser-based user interface for one click monitoring and management of Violin Flash Storage Platforms and All Flash Arrays, even if they are geographically distributed across the data center, town or an ocean. Symphony simplifies the storage management experience with user-selectable data services, real-time SLA-based health monitoring, customizable dashboards, and comprehensive reporting, all under centralized management and administration.

The benefits of the FSP 7250 include lower data center TCO, improved application support, reduced management, and consistent end-user SLAs. CFOs will like the FSP for its reduced TCO. CIOs will like it as it frees resources to create new business value. Storage admins will like it as it simplifies data center management. The leader for the all-flash data center is Violin Memory.

To learn more about how Violin's Flash Storage Platform 7250 can transform your primary storage and data center economics, please contact your Violin Memory representative or visit us at <http://www.violin-memory.com>

Features	Flash Storage Platform 7250 with Concerto OS 7		
Model	V7250-8	V7250-17	V7250-26
Raw Capacity	8.8 TB	17.6 TB	26.6 TB
Usable Capacity	4.6 TB	9.1 TB	13.8 TB
Effective Capacity with suitable workload at 6:1 reduction	26.1 TB	55.7 TB	85.3 TB
Performance			
Max IOPS*	200,000 IOPS @ 1 ms latency		
Max Bandwidth*	2.3 GB/sec		
Min Latency*	0.30 ms		
Max Sustained Performance*	200,000 IOPS @ 1 ms latency		
Data Services	Data Reduced Thin Provisioned LUNs, Impact Free Application and Crash Consistent Snapshots, Consistency Groups, Full and Thin Clones, Asynchronous Replication, Stretch Cluster and LUN Mirroring with FSP 7700		
Height	3 RU		
Depth	28" / 711 mm		
Width	17.5" / 445 mm		
Weight	80 lbs / 36.3 kg		
Power**	1004 W		
Cooling**	3462 BTU/hr		
Environmentals			
Operating Temperature Range	10 to 35 °C (50 to 95 °F)		
Non-Operating Temp. Range	-40 to 70 °C (-40 to 158 °F)		
Humidity Range	8 to 90% (non-condensing)		
Non-Operating Humidity Range	5 to 95% (non-condensing)		
Ecosystem			
Host Connectivity	8x16 Gb Fibre Channel or 8x10 GbE, 2x40 GbE (replication)		
Certifications / Ecosystem Integration	VMware VAAI, VADP, SRM, Horizon View Proven Storage, VCenter and VASA Plugin, Backup Software Integration, Automated DR Management, Snapshot Director for VM consistent backup and DR, RedHat certified OpenStack support, etc.		
Management Interfaces	2x 10/100/1000 Mbps/sec auto-sensing Ethernet ports (RJ-45) Serial (RS-232) console port for management		
Reliability / Resiliency	Supports Non Disruptive Updates of FW and SW, no single point of failure		
Management	Violin Symphony, CLI: serial, SSH-SNMP, Web GUI, REST XML API		
Regulatory	Safety: IEC/EN 60950, CB Certificate, UL60950-1 CAN/CSA-C22.2 No.60950-1, CE Mark Emissions Class A: EN55022/CISPR 22, FCC Part 15 Class A, ICES-003 Issue 5 Class A, VCCI Class A, AS/NZS CISPR22:2009 Class A BSMI CNS 13438 Class A, Korea RRA Notice No. 2012-13 Class A Immunity: EN55024, EN 61000-4-2,3,4,5,6,8,11 Korea RRA Notice No. 2012-14 RoHS 2011/65/EU, For a full list of specific country approvals, please contact Violin Memory in your country		

*Data reduction of 6:1

**Typical power measurements for Fibre Channel configuration

Model	Available Pay-as-You-Grow Configurations	Capacity Range
V7250-26-1D	V7250-8-1D, V7250-17-1D	Range: 8 to 26 TB in 3 RU Offered from 8 to 26 TB in capacity license steps of 8.8 TB