



**Pure Storage™
FlashArray //M**

Information Security and
Risk Management



All-flash data storage array

BUSINESS VALUE

- Improve operations
- Save money

COMPATIBILITY

- Episys®

In cooperation with Pure Storage, Symitar® offers enterprise-proven all-flash storage that's reliable, fast, and easy to use. Pure Storage flash memory is made for today's computing environment – the Cloud, virtualization, and high security.

IT WORKS LIKE THIS ...

Setup is a simple one-hour plug-and-play process. No tuning within the array is ever required. Once installed, the flash array acts as SaaS – it is cloud-connected and you receive predictive support, analytics, and protection. Extremely reliable, the FlashArray //M maintained 99.9999% availability in its first year of shipments.

FlashArray //M is ideal for cost-effective consolidation of everything on flash, whether you need to accelerate a single Episys® host, scale your virtual desktop environments, or power your enterprise. Consolidating is easy – there's nothing additional to buy or install, and all data services are included. Industry-leading data reduction is inline and always-on, which means you'll save on storage, power, cooling, and space. Encryption and quality of service (QoS) are also always on.

FlashArray can be fully upgraded, non-disruptively, with advanced versions as your needs expand. The product's modular, stateless architecture enables both capacity and performance to be independently improved as technologies evolve.

CAPACITY CONSOLIDATION PROGRAM

This program is designed to keep your storage modern and dense as you expand. When you purchase a new storage expansion, you can install it in your array, consolidate the data from your old storage, return your old storage capacity to Pure and receive a credit for the TBs you already own. This enables you to economically benefit from increasing flash densities and keep your arrays up to date.

WHAT IT DOES:

- Provides dependable, fast, all-flash storage
- Receives predictive support, analytics, and protection via a cloud connection
- Provides always-on data reduction, encryption, and QoS

WHAT IT DOES FOR YOU:

- Offers simple installation and maintenance
- Saves money on storage, power, and cooling
- Easily upgradable and scalable, without service disruption

All-flash data storage array

BUSINESS VALUE

- Improve operations
- Save money

COMPATIBILITY

- Episys®

TECHNICAL SPECIFICATIONS*

	M10	M20
Capacity	Up to 25TBs effective capacity** 5 – 10TBs raw capacity	Up to 250+TBs effective capacity*** 5 – 80TBs raw capacity
All-Inclusive Performance	Up to 100,000 32K IOPS† <1ms average latency Up to 3 GB/s bandwidth††	Up to 200,000 32K IOPS† <1ms average latency Up to 6 GB/s bandwidth††
Connectivity	16 Gb/s Fibre Channel 10 Gb/s Ethernet iSCSI 1 Gb/s Management & Replication ports	16 Gb/s Fibre Channel 10 Gb/s Ethernet iSCSI 10 Gb/s Replication ports 1 Gb/s Management ports
Physical	3U	3U – 5U
	575 – 625 Watts (nominal – peak) 95 lbs (43.1 kg) 5.12" x 18.94" x 29.72" chassis	600 – 950 Watts (nominal – peak) 95 lbs (43.1 kg) fully loaded 5.12" x 18.94" x 29.72" chassis

* Stated specifications are applicable to //M R2 versions.

** Effective capacity assumes HA, RAID, and metadata overhead, GB-to-GiB conversion, and includes the benefit of data reduction with always-on inline deduplication, compression, and pattern removal. Average data reduction is calculated at 5-to-1.

***Includes always-on RAID-3D, deduplication, compression, and encryption

† Why does Pure Storage quote 32K, not 4K IOPS? The industry commonly markets 4K IOPS benchmarks to inflate performance numbers, but multiple real-world workloads consolidating on a single array average closer to 32K. FlashArray adapts automatically to 512B – 32KB IO for superior performance, scalability, and data reduction. IOPs are based on 100% 32KiB reads.

†† Data throughput is based on 100% 32KiB reads