tegile

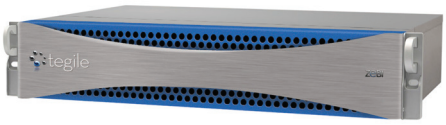
DATA SHEET

TEGILE ZEBI STORAGE ARRAYS

7X the performance and up to 75% less capacity required than legacy arrays!

Server and desktop virtualization has changed the rules in the data center – again. It has made the ongoing struggle between managing cost per terabyte and cost per I/O more difficult to manage than ever. Solidstate drives (SSD) have been added to legacy storage systems as a tier, but their architectures are not well suited for solid-state technology. Other new vendors have developed SSD only arrays and claim competitive cost structures with compression and de-duplication technology to get their costs under control.

Tegile[tm] Systems has a more balanced approach. Our Zebi[tm] arrays leverage the performance of SSD and low cost per TB of high capacity disk drives to deliver five times the performance and up to 75% less capacity required than legacy arrays. We don't simply use SSDs as a tier of storage in our arrays, Tegile has architected the performance benefits of SSDs throughout the data path, giving every application a performance boost.



7X the Performance

Through the deep integration of SSD and caching technologies, Tegile systems deliver five times the performance of legacy arrays. These performance gains are recognized by applications even when their data ultimately lands on hard disk drives. High IOPS and low latency for everyone.

Up to 75% Less Capacity Required

In-line compression and de-duplication are used on SSD and hard disk drive media throughout the array. This allows customers to significantly reduce their acquisition and operational cost of storage. All application data is reduced – not just secondary applications, and not in a post-process manner.

NAS and SAN from the Same Array

Enjoy the flexibility of choice in how your storage is connected to your servers. Fibre Channel and iSCSI block protocols are supported, while both NFS and CIFS file protocols are available for NAS environments. No more silos of storage in your data center.

Built in Business Continuity

Integrated snapshot and remote replication functionality shrink backup windows down to next to nothing and eliminates the need for backup software. Our thin replication feature only transmits changed data to reduce the burden on the WAN as well, saving even more.

Storage Simplified

Tegile's arrays are dramatically easier to manage than legacy systems. Application optimized templates accelerate the provisioning process and implement best practices in a single mouse click. Backup and replication are built in – no complex back-end software to manage. Best yet – all of our software is included in a single license.

Purpose Built for Virtualization

One-click virtual machine optimized storage creation can deploy hundreds of virtual machines and desktops in minutes, not hours. Built-in backup and data replication via unlimited snapshots, cloning, and instantaneous restores keeps virtual machines and desktops protected.

About Tegile Systems, Inc.

Tegile is pioneering a new generation of affordable feature-rich storage arrays that are up to 7X faster and require up to 75% less capacity than standard arrays. IT departments use these Zebi arrays to reduce the cost and increase the performance of demanding virtualization, file share and database applications.

	Dual Controller Arrays						
Zebi Model	HA2100	HA2130	HA2100EP	HA2130EP	HA2300	HA2400	HA2800
Platform Configuration							
Processor	2 x Xeon E5620	2 x Xeon E5620	4 x Xeon E5620	4 x Xeon E5620	4 x Xeon E5620	4 x Xeon E5620	4 x Xeon E5620
DRAM Memory	96 GB	96 GB	192 GB	192 GB	192 GB	192 GB	192 GB
Flash Memory	600 GB	1,200 GB	1,200 GB	2,400 GB	1,200 GB	2,200 GB	4,400 GB
Storage Capacity							
Raw Capacity	22 TB	33 TB	16 TB	24 TB	16 TB	11 TB	4.4 TB
Typical Usable Capacity with Compression only [1]	2X	2X	2X	2X	2X	2X	2X
Typical Usable Capacity with Compression & De-duplication [2]	3-5X	3-5X	3-5X	3-5X	3-5X	3-5X	3-5X
Physical							
Form Factor (Rack Units)	3U	3U	3U	3U	2U	2U	2U
Weight (Lbs)	102	102	102	102	92	92	80
Power (W)	535	535	670	670	500	475	350
Network Connections							
1 Gbps Ethernet Ports	12	12	12	12	12	12	12
1 Gbps IP-KVM Lights-out Management Port	2	2	2	2	2	2	2
Optional Connectivity	Dual-port 4/8 GB Fibre Channel, Dual-port 10 GbE Copper/Fiber, Quad-port 1 Gbps Ethernet .						
Protocols Included	SAN Protocol support (iSCSI, Fibre Channel), NAS Protocol support (NFS, CIFS).						
Data Services Included	De-Duplication, Compression, Thin Provisioning, Snapshots, Remote Replication, Application Profiles.						
Management	Browser + SSH + IP-KVM						
Redundancy	No Single Point of Failure, Active-Active High Availability Architecture.						
Standard Warranty	90 Days: 24×7 support via phone and email. Next business day hardware replacement parts. Free software updates.						
Optional Warranties	1, 3 or 5 years: 24×7 support by phone & email. Next business day hardware replacement parts. Free software updates. On Site Gold Level Support: 4 hour on-site support with optional on-site hardware kit. On Site Silver Level Support: Next business day on-site technical support.						

[Note 1] Measured with real customer data in typical deployments – average savings 50%.

[Note 2] De-duplication savings vary significantly with type of data. Real customer savings vary from 20% – 75%. On average, 50%.All specifications may change without notice.

	Expansion Shelves					
Zebi Model	J2100	J2130	ES2300	ES2400	ES4000	ES4100
Platform Configuration						
Processor	-	-	-	-	-	-
DRAM Memory	-	-	-	-	-	-
Flash Memory	600 GB	1,200 GB	800 GB	1,200 GB	-	1600 GB
Storage Capacity						
Raw Capacity	26 TB	39 TB	20 TB	18 TB	72 TB	64 TB
Typical Usable Capacity with Compression only [1]	2X	2X	2X	2X	2X	2X
Typical Usable Capacity with Compression & De-duplication [2]	3-5X	3-5X	3-5X	3-5X	3-5X	3-5X
Physical						
Form Factor (Rack Units)	3U	3U	2U	2U	4U	4U
Weight (Lbs)	96	96	50	47	105	105
Power (W)	235	235	225	107	750	760
Network Connections						
1 Gbps Ethernet Ports	-	-	-	-	-	-
1 Gbps IP-KVM Lights-out Management Port	-	-	-	-	-	-