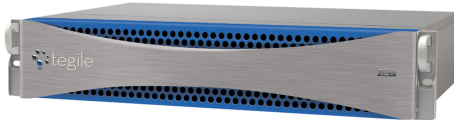


## TEGILE ZEBI STORAGE ARRAYS

**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™ Systems has a more balanced approach. Our Zebi™ 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.

## Specifications

	Dual Controller Arrays				Expansion Arrays			
Zebi Model	HA2100	HA2100EP	HA2400	HA2800	J1100	J2100	ES2400	ES4000
<b>Platform Configuration</b>								
Processor	2 x Xeon E5620	4 x Xeon E5620	4 x Xeon E5620	4 x Xeon E5620	-	-	-	-
DRAM Memory	48 GB	96 GB	96GB	192 GB	-	-	-	-
Flash Memory	600 GB	1,200 GB	2,200 GB	4,400 GB	600 GB	600 GB	1,200GB	-
<b>Storage Capacity</b>								
Raw Capacity	22 TB	16 TB	11 TB	4.4 TB	18 TB	26 TB	18 TB	72 TB
Typical Usable Capacity with Compression only [1]	2X	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	3-5X
<b>Physical</b>								
Form Factor (Rack Units)	3U	3U	2U	2U	2U	3U	2U	4U
Weight (Lbs)	102	102	92	80	70	96	47	105
Power (W)	535	670	475	350	170	235	107	750
<b>Network Connections</b>								
1 Gbps Ethernet Ports	12	12	12	12	-	-	-	-
1 Gbps IP-KVM Lights-out Management Port	2	2	2	2	-	-	-	-
<b>Optional Connectivity</b>	Dual-port 4/8 GB Fibre Channel, Dual-port 10 GbE Copper/Fiber, Quad-port 1 Gbps Ethernet .							
<b>Protocols Included</b>	SAN Protocol support (iSCSI, Fibre Channel), NAS Protocol support (NFS, CIFS).							
<b>Data Services Included</b>	De-Duplication, Compression, Thin Provisioning, Snapshots, Remote Replication, Application Profiles.							
<b>Management</b>	Browser + SSH + IP-KVM							
<b>Redundancy</b>	No Single Point of Failure, Active-Active High Availability Architecture.							
<b>Standard Warranty</b>	90 Days: 24x7 support via phone and email. Next business day hardware replacement parts. Free software updates.							
<b>Optional Warranties</b>	1, 3 or 5 years: 24x7 support by phone and 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.							

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