

ISE 700 Series G3

Enterprise-class hybrid storage with Intelligent Adaptive Flash



ISE_{G3}

Intelligent Storage Element

Performance after
70% capacity



All other
storage arrays



X-IO ISE

X-IO's flash-enabled ISE 700 Series G3 Hybrid Storage Arrays deliver All-Flash Array performance for organizations that demand the most capacity and reliability for their virtualization, database, and cloud hosting solutions.

The ISE is easy to manage and provides the industry's lowest total cost of ownership, backed by a standard 5-year warranty.

Optimize productivity from your virtualized desktops

- Enable users to have more performance than their physical desktops
- No longer worry about boot storms or running deployment operations during the day
- Remove risk as a factor with validated reference architectures

Enable server virtualization without compromise

- Gain consistent performance for all servers, even during periods of high demand by Tier 1 applications
- Ensure business critical applications remain online with optional active-active metro storage clusters
- Maximize consolidation without impacting performance

Accelerate database management systems and applications

- Proven to deliver 8x the workload with 25% of the cost of traditional storage architectures
- Achieve automatic hot spot coverage for extract, transform, load operations
- Get 3x online transactions and 2x Close of Business transactions at 1/8th the cost



X-IO customers know what it is like to have a highly reliable, high-performance storage array that runs for 5 years without the need for a service call.

Learn more at www.xiostorage.com



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"X-IO's Hybrid ISE gives us the power, performance and flexibility for an infinitely scalable video lab."

"Virtual Machine deployment is around 15-20 times quicker since moving to X-IO ISE."

Chris Lisica, Operations Lead, Microsoft Video Services

Mike Wills, CEO and Founder, RTW Hosting

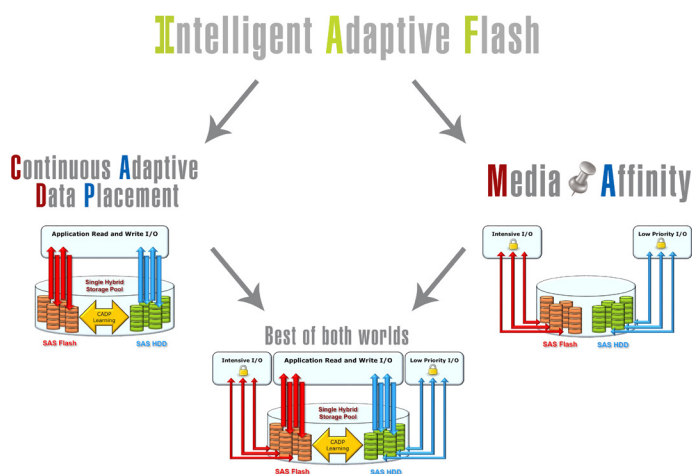
Tightly integrated

ISE Manager Suite enables simple and efficient provisioning and management of physical storage for Windows and Linux servers as well as storage in Citrix, Hyper-V and VMware infrastructures. Relationships between storage, servers and VMs can easily be managed. ISE Manager provides simple, one interface access to volume creation and assignment, all with a few clicks of the mouse.

Intelligent Adaptive Flash

X-IO's Intelligent Adaptive Flash technology helps you choose the most efficient deployment for your environment. Media Affinity allows you to utilize the 700 Series Hybrid Storage Array as both an All-Flash Array and a performance disk storage array by pinning volumes to low-latency flash storage.

Alternatively, X-IO's patented Continuous Adaptive Data Placement (CADP) provides automated, real-time movement between flash and disk, ensuring high performance without the need for specialist storage skills. Both technologies can be combined in a single array to deliver the flexibility and performance for your environment.



Capacity	ISE 710 G3 ISE 710i G3	ISE 720 G3 ISE 720i G3	ISE 730 G3 ISE 730i G3	ISE 740 G3 ISE 740i G3	ISE 780 G3 ISE 780i G3
Before RAID	7.2TB	14.4TB	21.6TB	28.8TB	28.8TB
RAID 10 Capacity	3.2TB	6.5TB	9.7TB	13.0TB	13.0TB
RAID 5 Capacity	5.1TB	10.4TB	15.6TB	20.9TB	20.9TB
Flash Capacity	1.6TB	1.6TB	1.6TB	1.6TB	6.4TB

Performance at full capacity	<ul style="list-style-type: none"> Up to 120,000 IOPS (OLTP real-world workload) Up to 2 GB/s bandwidth ISE intelligent caching algorithms will optimize I/O sizes between 512B – 1MB
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Host connectivity	<ul style="list-style-type: none"> 40 GbE and 10 GbE iSCSI – 4 QSFP ports 8 Gb Fibre Channel – 8 SFP ports (supports both SAN and DAS) 1 GbE Management Port with Wake-on-LAN
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Features	<ul style="list-style-type: none"> Thin Provisioning, QoS, Intelligent Adaptive Flash, ReST Web Services API, Active-Active Synchronous Mirroring (optional)
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Power	<ul style="list-style-type: none"> Voltage 100-240 VAC, 47-63 Hz Current 6.6A at 110V, 3.6A at 208V Power 600W (typical), 700W (max) Heat dissipation (max) 2400 BTU/hr
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Physical	<ul style="list-style-type: none"> 5.2" (13.2cm) height x 17.5" (44.45cm) width x 28.5" (72.8cm) depth 72 lbs (32.9 kg) without DataPacs
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