

ISE 700 Series G3

Enterprise-class hybrid storage with
Intelligent Adaptive Flash

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.



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

Mike Wills, CEO and Founder, RTW Hosting

Optimize productivity from your virtualized desktops

Enable users to have more performance than with 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, and load operations

Get 3x online transactions and 2x Close of Business transactions at 1/8th the cost

Interested in learning more or starting a proof of concept?
Contact us today at fastforever@x-io.com, +1 719.388.5500 or +1 866.472.6764

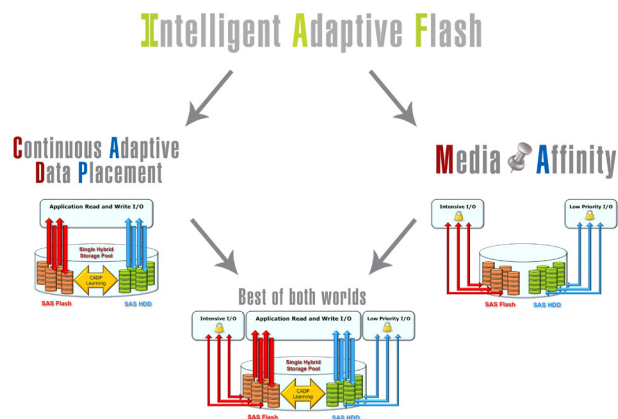
ISE 700 Series G3

Enterprise-class hybrid storage with Intelligent Adaptive Flash

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.



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 be managed easily. ISE Manager Suite provides simple, single-interface access to volume creation and assignment, all with a few clicks of the mouse.

MODEL	ISE 740 G3 ISE 740i G3	ISE 780 G3 ISE 780i G3	ISE 755 G3 ISE 755i G3	ISE 790 G3 ISE 790i G3
Before RAID	28.8 TB	28.8 TB	43.2 TB	43.2 TB
RAID 10 capacity	13.0 TB	13.0 TB	19.4 TB	19.4 TB
RAID 5 capacity	20.9 TB	20.9 TB	31.1 TB	31.1 TB
Flash capacity	1.6 TB	6.4 TB	3.0 TB	6.4 TB

Performance at full capacity 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 512 B – 1 MB

Host connectivity 40 GbE and 10 GbE iSCSI – 4 QSFP ports
8 Gb Fibre Channel – 8 SFP ports (supports both SAN and DAS attached)
1 GbE Management Port with Wake-on-LAN

Features Thin Provisioning, QoS, Intelligent Adaptive Flash, ReSt Web Services API, Active-Active Synchronous Mirroring (optional), Data at Rest Encryption (Models 740 and 780)

Power Voltage 100-240 VAC, 47-63 Hz
Current 6.6 A at 110 V, 3.6 A at 208 V
Power 600 W (typical), 700 W (max)
Heat dissipation (max) 2400 BTU/hr

Physical 5.2" (13.2 cm) height x 17.5" (44.45 cm) width x 28.5" (72.8 cm) depth
72 lbs (32.9 kg) without DataPacs