

ISE 100 Series G3

Affordable archive storage for those low-touch, simplified operations

X-IO's Intelligent Storage Element (ISE) 100 Series G3 Archive Storage Arrays **deliver affordable archive storage at high levels of consistent reliability and simplicity.**

The ISE provides the industry's highest levels of reliability and does not require specialist storage skills. All backed by a standard 5-year warranty. It provides linear scaling and the same simplified operations as the entire performance-orientated ISE range.



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

Chris Lisica, Operations Lead, Microsoft Video Services

Maintain consistent and available archive data

Gain consistent archive-level performance with the highest level of reliability

Enable low-touch storage operations with constant uptime

Maximize consolidation without impacting availability or reliability

Simplify storage management

Realize the benefits of simplified storage management with consistent performance

Reduce the need for disk swaps and RAID rebuilds

Keep your business-critical archive information on the most reliable storage platform in the industry

Reduce cost and enable higher storage

Simple to deploy and easy to manage

Utilize 100% capacity without impacting performance

Experience the operational cost savings of a highly reliable, self-healing array backed by a no-cost, standard 5-year warranty

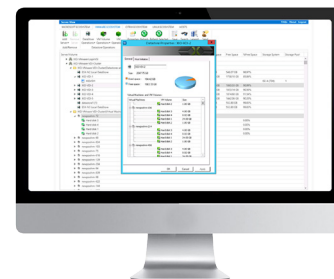
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Software that works for you

We know that reliable, high-performance storage is an integral part of your IT infrastructure. Managing your organization's storage can be a huge challenge.

X-IO has developed a full suite of ISE management applications and integration to simplify the operations of your data center and maximize the performance of your storage solution.



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.

Service avoidance

With traditional storage, a system of 240 HDDs can expect a failure rate of up to 40 drives per year. X-IO's ISE instead has an annual failure rate of 0.1%.

MODEL	ISE 110 G3 ISE 110i G3	ISE 120 G3 ISE 120i G3
Before RAID	38.4 TB	57.6 TB
RAID 10 capacity	17.4 TB	25.9 TB
RAID 5 capacity	27.8 TB	41.5 TB
Performance at full capacity	Up to 2,500 IOPS Up to 1 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 options – 4 QSFP ports 8 Gb Fibre Channel – 8 SFP ports (supports both SAN and DAS attach) 1 GbE management port with Wake-on-LAN	
Features	Thin Provisioning, QoS, ReST Web Services API, Active-Active Synchronous Mirroring (optional), Data at Rest Encryption (Model 110)	
Power	Voltage 100-240 VAC, 47-63 Hz Current 6.6 A at 110V, 3.6 A at 208 V	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	