

ISE 200 Series G3

Enterprise-class storage with
100% performance at 100% utilization



ISE_{G3}

Intelligent Storage Element

Performance after
70% capacity



All other
storage arrays



X-IO ISE

X-IO's Intelligent Storage Element (ISE) 200 Series G3 Performance Storage Arrays deliver consistent high performance even at 100% capacity for virtualized, database, and cloud-hosting environments.

The ISE provides the industry's most efficient price/performance, does not require specialist storage skills, and provides the highest levels of reliability, backed by a standard 5-year warranty.

Maintain consistent and available virtualized server consolidation

- Gain consistent high performance for all servers
- Ensure business, critical applications remain online with optional active-active metro storage clusters
- Maximize consolidation without impacting performance

Accelerate database management systems and applications

- Process data four times faster than other disk arrays of its size
- Reduce data warehousing load and analytics processing times
- Keep your mission-critical business information on the most reliable storage platform in the industry

Reduce cost and enable more margin for cloud services

- Enable 3x – 4x the performance per disk of traditional storage
- Utilize 100% capacity without impacting client performance
- Experience the operational cost savings of a highly reliable, self-healing array backed by a no-cost, standard 5-year warranty



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



ISE 200 Series G3

Enterprise-class storage with
100% performance at 100% utilization



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

Chris Lisica, Operations Lead, Microsoft Video Services



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

Mike Wills, CEO and Founder RTW Hosting



Embrace better health.™

"My users' login time dropped from 2 minutes to 10 seconds. It took 3 hours to install and I'm using less rack space. My support calls dropped from 50 in one week to 1."

Nelson Remy, IT Infrastructure Manager, AvMed



"Our servers used to go down weekly — now we're at 100%. Installation took just one hour. Performance doesn't change whether we're using 25% or 100% of capacity."

Jessie Twaddle, Associate Director of Core Services Gustavus Adolphus College

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

Capacity

Before RAID
RAID 10 capacity
RAID 5 capacity

ISE 210 G3	ISE 220 G3	ISE 230 G3	ISE 240 G3
ISE 210i G3	ISE 220i G3	ISE 230i G3	ISE 240i G3
9.6TB	19.2TB	28.8TB	38.4TB
4.3TB	8.6TB	13.0TB	17.4TB
6.8TB	14.1TB	20.8TB	27.8TB

Performance at full capacity

- Up to 15,000 IOPS
- Up to 2 GB/s bandwidth
- ISE intelligent caching algorithms will optimize I/O sizes between 512B – 1MB

Host connectivity

- 40 GbE and 10 GbE iSCSI – 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)

Power

- 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

Physical

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