

iglu™ Enterprise Storage

Storage Performance without Compromise



iglu enterprise storage system delivers the performance your applications need combined with the availability your business demands for its mission critical applications, in a simple and easy-to-use solution. X-IO iglu blaze is a flexible storage platform that allows you to configure the right storage solution for your performance, cost, and availability needs. With iglu, you can design the right solution to meet the demands of your storage environment.

Every iglu enterprise storage system includes a wealth of enterprise features, all at no additional cost.

Snapshots	Up to 1000 per volume No impact Point-in-Time snapshots Transportable and mountable Data recovery, mining, analytics No impact Backup Source Continuous Data Protection (CDP) Journaling between snapshots
Application Integration	Microsoft Exchange Server Microsoft SQL (2008, 2012) Oracle DB, RAC DB2 SAP Lotus Notes/Lotus Domino
Replication	Continuous and Snapshot replication modes WAN acceleration, compression, and encryption included CDP Host agents available for protecting remote server data
Stretch Cluster	Cross-data center/cross-region failover Up to 100km at 5ms latency
Automated Disaster Recovery	P2V, V2V, P2P and V2P Fully orchestrated failover and failback Heterogeneous hypervisor support Support for migration from existing storage
Mirroring	Local and Remote Synchronous, Asynchronous
Virtual Infrastructure Integration	Integrated support for VMware Site Recovery Managewr (SRM) and VMware vSphere Storage APIs (VaaI)
Microsoft	Microsoft Hyper V Microsoft System Center Virtual Machine Manager (VMM) Microsoft Failover Clustering Supports SMI-S protocol

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iglu enterprise storage is available in All-flash, Hybrid, and Performance HDD configurations, so you can flexibly build the right solution with the right storage technology.

iglu enterprise storage model specifications

	iglu 800 series			iglu 700 series				iglu 200 series		iglu 100 series	
iglu controllers	iglu blaze fx			iglu blaze fx or iglu blaze				iglu blaze fx or iglu blaze		iglu blaze fx or iglu blaze	
Model	820	850	860	740	755	780	790	240	250	110	120
Capabilities	All Flash			Flash + Hybrid (Flash/Disk)		Hybrid (Flash/Disk)		Enterprise HDD		Enterprise Archive	
Purpose	Performance optimized flash			Performance optimized flash				High performance HDD			
Flash	4.3	18.3	36.6			3.4	3.5				
Hybrid				1.2/20	2.4/31	2.4/20	1.2/31				
Disk								28	41.5	28	41.5

iglu enterprise storage expansion specifications

iglu blaze and iglu blaze fx expansion module options												
	Flash expansion			Hybrid expansion				HDD expansion		Archive Expansion		
Expansion Module #	820	850	860	740	755	780	790	240	250	110	120	Capacity Storage Element (CSE)
Capabilities	All Flash			Flash + Hybrid (Flash/Disk)		Hybrid (Flash/Disk)		Enterprise HDD		Enterprise Archive		High Density Archive
Capacity (TB) per module	Flash	4.3	18.3	36.6			3.4	3.5				
	Hybrid				1.2/20	2.4/31	2.4/20	1.2/31				
	Disk								28	41.5	28	41.5

iglu blaze fx, max # of expansion modules: 30 (29 + base)*												
Expansion capacity in TB (Max # of modules in combinations of: up to 10x Flash, up to 15x Hybrid 780/790, or up to 30x 740/755 or HDD modules)												
Capacity (TB) max/tier expansion	Flash	43	183	366			51	52.5				
	Hybrid				37.2/600	72/930	18/300	18/465				
	HDD								840	1,245	810	1,245

iglu blaze, max # of expansion modules: 11 (10 + base)												
Expansion capacity in TB (up to 5x Hybrid 780/790, or up to 11x Hybrid 740/755 or HDD modules)												
Capacity (TB) max/tier expansion	Flash						17	17.5				
	Hybrid				13.2/220	26.4/341	6/100	6/155				
	HDD								308	456.5	297	456.5

iglu blaze and iglu blaze fx expansion compatibility matrix												
iglu blaze model	iglu blaze fx	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	iglu blaze				✓	✓	✓	✓	✓	✓	✓	✓

* Max number of ISE Expansion modules determined by backend FC port availability

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iglu blaze fx base configuration physical and environmental specifications

	iglu blaze fx	iglu blaze
Dimensions	Height – 9U, 15.8" (38.66cm) Width – 17.5" (44.45cm) Depth – 28.5" (72.8cm)	Height – 9U, 15.8" (38.66cm) Width – 17.5" (44.45cm) Depth – 28.5" (72.8cm)
Weight	244lbs (110.7kg)	244lbs (110.7kg)
Max heat dissipation	5547 BTU/hr	4407 BTU/hr
Voltage	100 – 240 VAC, 47-63 Hz	100 – 240 VAC, 47-63 Hz
Max current	7.6 A at 208 V	6.0 A at 208 V
Max power	1622 watts	1188 watts
Host connectivity	6 x 10 Gb Ethernet iSCSI 8 x 8 Gb/s Fibre Channel	6 x 10 Gb Ethernet iSCSI 8 x 8 Gb/s Fibre Channel
Management ports	2 x 1 Gb Ethernet	2 x 1 Gb Ethernet

iglu Enterprise Storage expansion module physical and environmental specifications

Dimensions	Height – 3U, 5.2" (13.2cm) Width – 17.5" (44.45cm) Depth – 28.5" (72.8cm)
Weight	72lbs (32.9kg) without DataPacs
Max heat dissipation	2,400 BTU/hr
Voltage	100 – 240 VAC, 47-63 Hz
Max current	6.6 A at 110 V, 3.6 A 208 V
Max power	600 W (typical), 700 W (max)

Interested in learning more or starting a proof of concept?

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