

InfiniBox[®] Specifications

Models: F6300 | F4300 | F2300

The InfiniBox enterprise storage platform delivers guaranteed performance, availability, and cyber recoverability, setting the industry standard for primary storage!

InfiniBox establishes this standard through groundbreaking, real-world workload performance with a hybrid array that outperforms competitive all-flash arrays. This unprecedented performance leverages our Neural Cache and is experienced across competing workloads. The platform's multi-petabyte scalability allows for simple workload consolidation. InfiniBox extends its industry-leading 100% availability guarantee, with guarantees on performance and cyber recovery!*

All these critical assurances complement our world-class data services. Zero-impact snapshots and active/active and multi-site replication dramatically improve business agility. Critical data assets are protected with data-at-rest encryption and our InfiniSafe[®] Technology for cyber resilience which provides multiple data security layers.

With InfiniBox, enterprise IT organizations and cloud service providers can achieve and exceed their service level objectives and dramatically lower the cost and complexity of their IT infrastructure. Additionally, flexible consumption models enable you to choose the option that best fits your business needs.

** Terms and conditions apply to all guarantees.*

Performance Guarantee requires detailed performance analysis.



InfiniBox F6300, F4300 and F2300 System Specifications

Capacity	F6300	F4300	F2300
Useable Capacity	1.0PB to 4.0PB	512TB to 2.0PB	150TB to 499TB
Effective Capacity*	2.5PB to 10.00PB	1.3PB to 5.0PB	375TB to 1.2PB
Performance Features			
Memory	Up to 3.072TB	Up to 2.304TB	Up to 1.152TB
Flash Cache	Up to 92TB, 368TB Optional	Up to 92TB, 368TB Optional	Up to 92TB, 368TB Optional
IOPS	2.0M IOPS**	1.4M IOPS**	980K IOPS**
Throughput	25 GB/s	20 GB/s	14 GB/s
Connectivity and Integration			
FC Ports	24x 16Gbps, 32Gbps Optional, NVMe-oF Ready		
Ethernet Ports	12x 25GbE/10GbE + 6x 10GbE, NVMe-oF Ready		
Ecosystem Integration	VMware, OpenStack, CommVault, Rubrik, Veeam, Veritas, Microsoft, SAP, Host PowerTools, UNIX, Windows		
Availability and Protection			
Fully Redundant Hardware	N+2 Redundant System Components, Resilient Against Multiple Concurrent Failures Triple-Active Redundant Nodes		
Data Protection	FIPS 140-2 Validated In-Line and At-Rest Data Integrity Verification, Data-at-Rest Encryption, Fastest Media Rebuild in the Industry Petabyte-Scale Snapshots with Zero Performance Impact; Readable/Writable and Immutable Snapshots Active/Active Replication, Synchronous Replication, and Asynchronous Replication		
Scalability			
Max. Volume/File System Size	Unlimited		
Max. Files per Directory/File System	>17B		
Max. Number of Volumes	Unlimited		
Max. Number of Snapshots	100,000		
Max. Number of File Systems	4,000		
Max. File Size	1PB		
Support and Service			
	Three Years, 24x7 Support with Assigned Technical Advisor at No Additional Cost		
Pricing and Licensing			
System Feature Licensing	All features are Included at No Additional Cost		

* Effective Capacity includes the benefits of inline compression and space-efficient snapshots

** For NFSv3; IOPS for FC/iSCSI are 1.4M, 1.0M, and 700K, respectively

InfiniBox Physical and Environmental Characteristics

	F6300	F4300	F2300
Power Consumption (typical)	8 kW	5.5kW	3.6kW
Form Factor	Standard 48.26 cm (19 in) 42U Rack	26U in a Standard 48.26 cm (19 in) 42U Rack	18U in a Standard 48.26 cm (19 in) 42U Rack
Maximum Weight	1,176 kg (2,593 lb)	795 kg (1,753 lb)	583 kg (1,286 lb)
Operating Temperature	10°C–30°C (50°F–85°F)		
Altitude (max)	3,000 m (9,800 ft)		
Humidity	25%-80% non-condensing		
Service Clearance: Front/Rear	120 cm/45 cm (47.24 in/17.8 in)		
Input Voltage			
North America:	Single-phase: 208 VAC Three-phase: 120Y/208 VAC, 50/60 HZ		
International:	Single-phase: 200-240 VAC Three-phase: 220/380-240/415 VAC, 50/60 HZ		
Input Current			
North America:	Single-phase: 4 inputs, 24A each Three-phase: 4 inputs, 3*24A each	Single-phase: 4 inputs, 24A each Three-phase: 2 inputs, 3*24A each	Single-phase: 2 inputs, 24A each Three-phase: 2 inputs, 3*24A each
International:	Single-phase: 4 inputs, 32A each Three-phase: 4 inputs, 3*16A each	Single-phase: 4 inputs, 32A each Three-phase: 2 inputs, 3*16A each	Single-phase: 2 inputs, 32A each Three-phase: 2 inputs, 3*16A each
Input Power Frequency	50/60 HZ		
Cooling	27,300 BTU/Hour	19,110 BTU/Hour	12,300 BTU/Hour
Certification Standards	EMC: EN 55032 - (CISPR 32), EN 55024 or EN 55035, (CISPR 24/32), EN 61000-3-2, EN 61000-3-3, FCC Part 15, ICES-003 SAFETY: IEC/EN/UL 62368-1, IEC 60950-1:2005 ROHS: EN 50581 - 2012 REACH: Regulation No. 1907/2006 (Article 33) Batteries Directive: 2006/66/EC		