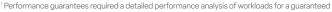INFINIDAT

InfiniBox Specifications

Models: F6300 | F4300 | F2300

The InfiniBox primary storage platform portfolio sets the standard for enterprise-grade primary storage platforms in the storage industry. InfuzeOS™ our software-defined operating system powers our 3-way active controller architecture across the family of InfiniBox platforms to provide the best performance for both block and file services, availability, resilience and usability. Our InfiniOps™ technologies deliver advanced capabilities making InfiniBox incredibly easy to use. Machine learning and cloud-based AI enhance the InfiniBox with autonomous and automated capabilities that take the guesswork and cost out of many complicated storage functions. All our platforms benefit from our patented Neural Cache that enables the best performance available at scale. We will even guarantee performance![1] This reduces management costs and can save you up to 51%[2] in management time, giving you time and money back to use for other critical IT tasks.

InfuzeOS further powers InfiniBox's world-class enterprise data services. Our patented InfiniRAID® technology ensures data integrity. Best-in-class replication provides multi-site asynchronous with an RPO as little as 4 seconds and synchronous capabilities that give you the best options to help ensure your business continuity needs are met. Powerful and flexible, zero-impact snapshots with immutability set the foundation for our included InfiniSafe® Technology, providing you the ability to enhance your cybersecurity resilience with a detailed reference architecture. Additionally, data-at-rest encryption ensures your data is safe, down to the individual device level. Infinidat's 100% availability guarantee and InfiniSafe cyber storage recovery guarantees provide even more benefits!

World-class solutions deserve world-class services and support. Infinidat is known for outstanding "white glove" service and support through the lifetime of our platforms in your environment. As an Infinidat customer, you get a dedicated Technical Advisor who stays in touch with you every step of the way, providing you with proactive tips, support, and best practices. They are your dedicated liaison to everything you need to support your InfiniBox platforms.

[1] Performance guarantees required a detailed performance analysis of workloads for a guaranteed
[2] IDC White Paper, Sponsored by Infinidat, The Business Value of Infinidat Storage, Doc. #US49976922, February 2023

InfiniBox®

InfiniBox Spec Sheet

InfiniBox F6300, F4300 and F2300 System Specifications

Capacity	F6300	F4300	F2300
Useable Capacity	1.0PB to 6.915PB	512TB to 2.0PB	249TB to 499TB
Effective Capacity*	2.5PB to 17.287PB	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-TCP 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 thin provisioning, inline compression, and space-efficient snapshots

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

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InfiniBox Spec Sheet

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		

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