

# InfiniBox™ SSA II

## InfiniBox SSA II Specifications

Models: F4304T | F4308T

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 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. InfiniBox SSA II delivers latency performance as low as 35 microseconds.<sup>1</sup> We will even guarantee performance!<sup>2</sup> All this adds up to reduced management costs that can save you up to 51%<sup>3</sup> 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. First, the InfiniBox SSA II is a unified block and file platform. Our patented InfiniRAID® technology assures 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.



**InfiniBox™ SSA**

# InfiniBox SSA II Spec Sheet

## InfiniBox SSA II F4304T & F4308T System Specifications

Capacity	F4304T	F4308T
Useable Capacity	656 TB	1,312 TB
Effective Capacity <sup>4</sup>	1,640 TB	3,280 TB
<b>Performance Features</b>		
Memory	2,304 GB	
Latency <sup>1</sup>	As low as 35µs	
Throughput	38 GB/s at under 1ms internal latency	
<b>Connectivity and Integration</b>		
FC Ports	24x 32 Gbps, NVMe-oF ready	
Ethernet Ports	12x 10 GbE/25GbE optional + 6x 10GbE, NVMe-TCP ready	
Ecosystem Integration	VMware, OpenStack, CommVault, Veeam, Veritas, Kubernetes, Microsoft, SAP, Host PowerTools for Linux, UNIX, Windows	
<b>Availability and Protection</b>		
Fully Redundant Hardware	N+2 redundant system components, resilient against multiple concurrent failures Triple-active redundant controller nodes	
Data Protection	Data-at-rest encryption In-line and at-rest data integrity verification, fastest media rebuild in the industry Petabyte-scale snapshots with no performance impact; read/writable and immutable snapshots Replication to or from any InfiniBox or InfiniBox SSA model	
<b>Scalability</b>		
Max. Volume Size	Up to total array capacity	
Max. Number of Volumes	Tested up to 100,000	
Max. Number of Snapshots	Tested up to 100,000	
<b>Support and Service</b>		
	Three years, 24x7 support with assigned technical advisor at no additional cost	
<b>Pricing and Licensing</b>		
System Feature Licensing	All features are included at no additional cost	

## InfiniBox SSA II Physical and Environmental Characteristics

Power Consumption (typical)	4.8 KW	
Form Factor	26U in a standard 48.26 cm (19 in) 42U rack	
Maximum Weight	710 kg (1,565 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/60 cm (47.24 in/23.63 in)	
Input Voltage	North America:	Single phase: 200V-240V VAC, 50/60Hz, W+N+PE 24A   Dual-phase: 208 VAC, 50/60Hz, 2W+PE 24A Three-phase: 120Y/208 VAC, 3W+N+PE, 50/60Hz, 24A   Three-phase: 120Y/208 VAC, 3W+PE, 50/60Hz, 24A
	Europe:	Single-phase: 220V-240V VAC 50/60Hz, W+N+PE, 32A   Three-phase: 220/380-240/415 VAC, 3W+N+PE, 50/60Hz, 16A
Input Current	North America:	Single/Dual-phase: 4 inputs, 24A per input   Three-phase: 2 inputs, 24A per input
	International:	Single-phase: 4 inputs, 32A per input   Three-phase: 2 inputs, 16A per input
Input Power Frequency	50/60 HZ	
Cooling	16,378 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	

<sup>1</sup> Internal Latency as low as 35 microseconds based on customer production telemetry data, read I/O hits (DRAM cache) actual results may vary. March 2022.

<sup>2</sup> Performance guarantees required a detailed performance analysis of workloads for a guaranteed SLA - Terms and conditions apply

<sup>3</sup> IDC White Paper, Sponsored by Infinidat, The Business Value of Infinidat Storage, Doc. #US49976922, February 2023

<sup>4</sup> Effective Capacity includes the benefits of thin provisioning, inline compression, and space-efficient snapshots. Actual results may vary.