

InfiniBox™ SSA II Specifications

Models: F4304T | F4308T

InfiniBox SSA II raises the bar and consistently delivers outstanding performance for the most extreme and business-critical workloads. Consistent with our original InfiniBox SSA, 100% solid-state technology is leveraged for persistent storage and coupled with the proven power of Infinidat's Neural Cache learning algorithms to deliver:

- ▶ Industry-leading performance
- ▶ Proven reliability
- ▶ 100% availability — guaranteed
- ▶ Multi-protocol and unified storage
- ▶ Unparalleled customer experience
- ▶ Supreme ease-of-use

By removing complexity and including autonomous automation, the groundbreaking performance of the InfiniBox SSA II ensures that your business systems and applications requiring ultra-low latency for every I/O can continue to scale, and/or consolidate with other high-performance workloads.



InfiniBox™ SSA

InfiniBox SSA II F4304T & F4308T System Specifications

Capacity	F4304T	F4308T
Useable Capacity	656 TB	1,312 TB
Effective Capacity*	1,312 TB	2,624 TB

Performance Features	
Memory	2,304 GB
Latency**	As low as 35µs
Throughput	38 GiB/s at under 1ms internal latency

Connectivity and Integration	
FC Ports	24x 32 Gbps, NVMe-oF ready
Ethernet Ports	12x 10 GbE/25GbE optional + 6x 10GbE, NVMe-oF ready
Ecosystem Integration	VMware, OpenStack, CommVault, Veeam, Veritas, Kubernetes, Microsoft, SAP, Host PowerTools for Linux, UNIX, Windows

Availability and Protection	
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

Scalability	
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

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

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

* Effective Capacity includes the benefits of inline compression and space-efficient snapshots. Actual results may vary.

** 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