

## InfiniBox Specifications

Models: F6300E | F4300E

The InfiniBox enterprise-class, primary storage platform sets the industry standard when it comes to the critical combination of price, performance, capacity, and features. InfiniBox's software-defined operating system, InfuzeOS™, drives the platform's powerful 3-way active controller architecture and delivers outstanding performance for both block and file services, availability, resilience, and usability. InfiniBox is a powerful and greener platform that gives organizations the ability to consolidate more workloads in the same floor space resulting in significant reductions in OpEx!

### The Best Performance at Scale

InfiniBox's patented, machine learning algorithms power Neural Cache and provide unrivaled performance at scale. Performance is even guaranteed!<sup>1</sup>

### Significant Economic Benefits

According to commissioned IDC research, InfiniBox customers saw overall OpEx expenses cut nearly in half with payback in less than a year.<sup>2</sup>

### InfiniSafe: Comprehensive Cyber Resilience

Powerful and flexible, zero-impact snapshots with immutability provide the foundation for InfiniSafe®, InfiniBox's cyber storage stack, which is included across all platforms. InfiniSafe cyber storage guarantees<sup>3</sup> provide added assurance.

Add on InfiniSafe Cyber Detection to enhance InfiniSafe's ability to create cyber storage resilient environments through threat detection and analysis.

### World-class Data Services

Patented InfiniRAID® technology ensures data integrity and availability. Data-at-rest encryption ensures your data is safe. Best-in-class replication capabilities help ensure business continuity.

### 100% Availability Guaranteed

Infinidat Federal's 100% availability guarantee<sup>4</sup> means zero downtime.

### Simplified User Experience

InfiniOps™ technologies make 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. This reduces management costs and can save up to 51%<sup>2</sup> in management time, freeing up time and money back for other critical IT tasks.



### New SSA Express All-Flash Workload Capable

SSA Express adds all-flash workload performance within the InfiniBox platform for performance-sensitive applications that require rapid, low-latency response.

Available Q4 2023<sup>5</sup>



# InfiniBox Spec Sheet

## InfiniBox F6300E and F4300E System Specifications

Capacity	F6300E	F4300E
Useable Capacity	1.0PB to 6.915PB	512TB to 2.0PB
Effective Capacity <sup>6</sup>	2.5PB to 17.287PB	1.3PB to 5.0PB
<b>Performance Features</b>		
Memory	Up to 3.072TB	Up to 2.304TB
Flash Cache	Up to 368TB	Up to 368TB
IOPS	2.0M IOPS <sup>7</sup>	1.4M IOPS <sup>7</sup>
Throughput	Up to 38GB/s	Up to 28GB/s
SSA Express <sup>5</sup>	Up to 60TB with 1.92 drives and up to 320TB with 7.68TB drives	
<b>Connectivity and Integration</b>		
FC Ports	24 x 16Gbps, 32Gbps Optional	
Ethernet Ports	12x 25GbE/10GbE + 6x 10GbE OR 18x 25GbE in All Ethernet Option	
Protocol Support	SMB/NFS, NVMe, TCP, FC	
Ecosystem Integration	VMware, Kubernetes, Microsoft, OpenStack, CommVault, Rubrik, Veeam, Veritas and more	
Host-side Tools	Host PowerTools and Host PowerTools for VMware simplifies the management of servers and storage, enabling different IT teams to easily work together and provide greater data access and availability.	
<b>Availability and Protection</b>		
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	
<b>Scalability</b>		
Max. Volume/File System Size	Unlimited	
Max. Files per Directory/File System	>17B	
Max. Number of Volumes + Snapshots	100,000	
Max. Number of File Systems	4,000	
Max. File Size	1PB	
<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 Spec Sheet

## InfiniBox Physical and Environmental Characteristics

	F6300E	F4300E	
Power Consumption (typical)	7 kW	4.5 kW	*based on historical telemetry data
PDU Power (maximum)	9.8kW	6kW	
Form Factor	Standard 48.26 cm (19 in)	26U in a Standard 48.26 cm (19 in)	
	42U Rack	42U Rack	
Maximum Weight	1,176 kg (2,593 lb)	795 kg (1,753 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 and Current	North America:	Dual-phase: 208VAC, 2W+PE, NEMA L6-30P, 24A, 50/60Hz	
		Three-phase: 120Y/208VAC, 3W+N+PE, NEMA L21-30P, 24A, 50/60Hz	
		Three-phase: 120Y/208 VAC, 3W+PE, NEMA L15-30P,24A, 50/60Hz	
		Three-phase: 208VAC, 3W+PE, 60Hz, IEC-60309 , 48A (60A derated), 50/60Hz	
	International:	Single-phase: 220-240VAC, W+N+PE, IEC-309, 32A, 50/60Hz	
		Three-phase: 220/380-240/415VAC, 3W+N+PE, IEC-309, 16A, 50/60Hz	
Input Power Frequency	50/60 HZ		
Max Cooling Requirements	33,348 BTU/Hour	20,472 BTU/Hour	
Certification Standards	EN 55032 - (CISPAR 32), EN 55035, (CISPAR 35), EN 61000-3-2, EN 61000-3-3 FCC Part 15, ICES-003 Safety: IEC/EN/UL 62368-1 EU CE Mark ROHS: EN 50581 – 2012 REACH: Regulation No. 1907/2006 (Article 33)		

<sup>1</sup> Performance guarantees require a detailed performance analysis of workloads for a guaranteed SLA - Terms and conditions apply

<sup>2</sup> IDC White Paper, Sponsored by Infinidat, The Business Value of Infinidat Storage, Doc. #US49976922, February 2023

<sup>3</sup> We guarantee the recoverability of an immutable snapshot and complete the snapshot recovery within 1 minute - Terms and conditions apply

<sup>4</sup> 100% Availability is based on our 100% data availability guarantee - Terms and Conditions apply

<sup>5</sup> Available Q4 2023

<sup>6</sup> Effective Capacity includes the benefits of thin provisioning, inline compression, and space-efficient snapshots

<sup>7</sup> For NFSv3; IOPs for FC/iSCSI are 1.4M, 1.0M, respectively