The Standard in Enterprise Solid State Storage

InfiniBox SSA II sets the industry standard for all-flash arrays with its critical combination of price, performance, capacity, and features. Infinidat'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 SSA II is a powerful, green platform that enables greater workload consolidation in the same floor space resulting in significant reductions in OpEx. It is available in a flexible scale-up architecture with 60%, 80%, and 100% populated models.

The Best Performance at Scale
Neural Cache, Infinidat's patented, machine learning algorithms provide unrivaled performance at scale. InfiniBox SSA II delivers latency performance as low as 35 microseconds. Performance is even guaranteed![1]

Significant Economic Benefits
According to IDC research commissioned by Infinidat, InfiniBox customers saw overall OpEx expenses cut by 48% with payback in 11 months.[2]

InfiniSafe: Comprehensive Cyber Resilience
Powerful, zero-impact, immutable snapshots are the foundation for InfiniSafe®, Infinidat's cyber storage stack, which is included. InfiniSafe cyber storage guarantees provide added assurance.[3] Add on InfiniSafe Cyber Detection to enhance creation of cyber storage resilient environments with deep content level analysis of data sets to identify cyber threats via machine learning.

World-class Data Services
Patented InfiniRAID® technology ensures data integrity and availability. Data-at-rest encryption ensures your data is safe, down to the individual device level. Best-in-class replication provides multi-site asynchronous replication with an RPO as little as 4 seconds and synchronous capabilities.

100% Availability Guaranteed
Infinidat's SLA-based guarantees provide for 100% availability[4] which means zero downtime.

Simplified User Experience
InfiniOps™ makes InfiniBox SSA II easy to use. Machine learning and cloud-based AI enable 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%[5] in management time.

InfiniBox™ SSA

Platform Highlights

InfiniBox SSA II brings together all the capabilities you expect in an enterprise-ready, all-flash platform:

Unified Storage Platform
InfiniBox SSA II is a unified platform providing block connectivity over numerous protocols, as well as tightly integrated file protocols such as NFS and SMB.

Unmatched Performance at Scale
InfiniBox SSA II provides effective capacities up to 6.6357PB, enabling you to consolidate more workloads and support applications that require ultra-high performance and extremely low latency. Neural Cache ensures that performance is never sacrificed just because more capacity is needed. In fact, we guarantee performance![5]

Tremendous Cost Savings with Rapid ROI
An IDC business value study[2] of InfiniBox customers shows an ROI in 11 months, with significant cost and time savings across many critical operational areas. The newest model of the InfiniBox SSA II doubles usable capacity and gives enterprises the ability to advance a greener data center with reduced enterprise power and cooling needs, and even lower total cost of ownership (TCO).

White-glove Service and Support
Outstanding "white-glove" service and support are included with our platforms in your environment. Infinidat customers get a dedicated Technical Advisor who stays in touch every step of the way, providing proactive tips, support, and best practices.

Industry-recognized Customer Experience
Infinidat is a four-time Gartner Peer Insights Customer's Choice with a 4.9 stars out of 5 rating for primary storage. 98% of customers indicate their willingness to recommend Infinidat to their peers.[6]

INDUSTRY RECOGNITION

STORAGE PRODUCTS OF THE YEAR 2022 — GOLD (TechTarget)

InfiniBox SSA II – GOLD WINNER
TechTarget Storage Products of the Year 2022:
Best Enterprise Storage Arrays

Flash Memory Summit

InfiniBox SSA II – WINNER
Flash Memory Summit 2023 Best of Show Award:
Most Innovative Hyperscaler Implementation

About InfuzeOS

Infinidat's InfuzeOS is the only single, software-defined storage architecture that spans all platforms. InfuzeOS drives the most powerful capabilities, performance, availability, cyber storage resilience, and economics of our industry-acclaimed storage platforms.

InfuzeOS Cloud Edition is a hybrid cloud storage solution that extends the InfiniBox platform experience to the public cloud. This cloud-native deployment is functionally equivalent to the on-prem InfuzeOS and is managed by the same familiar and easy-to-use interfaces.

From Our Customers

"…with their new InfiniBox SSA II offering, we're able to bring 35 microsecond latency and 100% availability to help our customers meet the most demanding workloads. And with the InfiniSafe Cyber Resiliency Technology extending into the InfiniBox portfolio, we're able to provide our customers the peace of mind they need in a time filled with cyber attacks and data breaches."

Chief of Engineering
IT Solutions Provider to
Fortune 1000 Enterprises

INFINIDAT

Flexible Consumption Models

Infinidat makes the procurement process easy with options that include traditional CapEx purchases and consumption-based models to suit a variety of business needs. Elastic Pricing gives full ownership where you only pay as you license additional storage. The FLX model provides a full, cloud-like, pay-as-you-go experience. Regardless of which procurement method, customers get the full performance capabilities of the entire platform, even if using only part of the overall capacity. All enterprise features and reliability are included along with white-glove service and support.

Guarantees

Infinidat stands behind its primary storage platforms with SLA-based guarantees:

100% Availability Guarantee
Infinidat's long-time 100% data availability guarantee[4] goes beyond the traditional 9's to meet the always-on business expectations of today.

Performance Guarantee
Infinidat will tailor a set of performance service level guarantees[5] based on an understanding of a customer's workloads and performance requirements.

InfiniSafe Cyber Storage Guarantees
InfiniSafe Cyber Storage Guarantees[3] build on our core InfiniSafe technology and guarantee both recoverability of immutable snapshots and recovery in less than a minute.

From Our Customers

"As a managed service provider, our customers' business needs have evolved, and a proportion of their mission-critical applications required higher performance capabilities. As an existing customer of Infinidat's InfiniBox, we immediately thought of Infinidat for our solution. With the InfiniBox SSA we found the answer to the performance needs of our customers and have enjoyed Infinidat's excellent customer experience and uncompromising reliability. Our InfiniBox SSA met the very high-performance expectations for the most demanding customer workloads!"

Chief Technology Officer
Managed Service Provider