

INFINIBOX F6000

InfiniBox is the ultimate truly-unified storage system for mission critical applications, featuring predictable high performance, single frame multi-petabyte capacity, superior availability, and unmatched TCO.



Performance

An efficient data distribution architecture that uses all drives all the time and a very large flash cache, delivers ultra-high performance. In addition, should a drive fail, this architecture delivers the fastest disk restores in the industry.



Reliability

Designed from the ground up for unmatched reliability, InfiniBox delivers 99.99999% uptime, with an innovative self-healing architecture. In addition, an industry-leading snapshot and replication engine provides unlimited space efficient snapshots and ultra-fast data replication.



Simple & Powerful Management

InfiniBox includes a cutting-edge and intuitive HTML5 GUI that makes traditionally complex operations a no-brainer. InfiniBox also provides an elegant RESTful API and powerful CLI for complex task automation. The result, an enterprise storage system that's highly efficient and simple to manage.



Petabyte Scale

A single InfiniBox frame hosts multi-petabytes of usable capacity in a single standard 42U rack. System capacity utilization is increased further with extremely efficient thin provisioning and space reclamation capabilities.



Truly Unified Storage

Adapt to changing business needs by delivering Block, File, and Object storage in one single platform. SAN, NAS, and Object protocols are built into InfiniBox's DNA, and managed with ease using a single and unified control panel.



Connectivity and Integration

InfiniBox integrates with the business applications in your datacenter using native interfaces. InfiniBox is bundled with a rich solution portfolio for platforms such as Virtualization, Databases, Backup & Recovery and more. Our blazingly fast and intuitive host connectivity and storage provisioning — Host Power Tools™ — shortens lengthy storage management tasks from days to seconds!

F6000 SPECIFICATIONS

Physical & Environmental Characteristics

Capacity

Usable Capacity Up to 2PB

Performance Features

Memory Up to 2.3TB

Flash Cache Up to 86TB

IOPS Over 900,000 IOPS

Throughput 12.5 GB/Sec

Connectivity & Integration

FC Ports 24x 8Gb

Ethernet Ports 12x 10GbE

Ecosystem Integration VMware (VAAI, VASA, VC Plugin), OpenStack Cinder, Host PowerTools™, Full VSS Support

Availability and Protection

Fully Redundant Hardware N+2 Fully Redundant System Components
Resilient Against Multiple Concurrent Failures
Triple-Active Redundant Nodes

Data Protection Fastest Rebuild in the Industry
In-Line and at-Rest Data-Verification
Async. Replication with Sub 5 Second RPO

Scalability

Max. Volume Size Unlimited

Max. Num. of Volumes Unlimited

Max. Num. of Snapshot Unlimited

Support

Three Years of 24 x 7 x 365 Maintenance — No Additional Cost

Pricing and Licensing

System Feature Licensing All Features Included — No Additional Cost

Power Consumption 8KW (as low as 4W per TB)

Form Factor Standard 19" 42U Rack

Temperature 10°C – 30°C (50°F – 85°F)

Altitude (max) 3,050 m (10,000 ft)

Humidity 25% – 80% non-condensing

Maximum Weight 1,140 kg (2,500 lb)

Clearance Front/Rear 120 cm/45 cm (47.24 in/17.8 in)

Input Voltage 220 V

Input Current Single-phase 2 x 2 x 30A | Three-phase 2 x 3 x 16A

Input Power Frequency 50/60 HZ

Cooling 27,500 BTU/Hour