

KEY FEATURES

NAS & SAN High Availability Appliance

Supports NFS, SMB, and iSCSI protocols over 10GBASE-T

Delivered as a High Availability Active / Passive cluster

20TB Useable Capacity upgradeable to 240TB RAW

5K IOPS (upgradeable)

24/7 Software support for 3 years



BOSTON IGLOO 4U-20T-STOR

ENTERPRISE HIGH AVAILABILITY STORAGE SOLUTION FOR VARYING DEPLOYMENTS

The Boston Igloo 4U-20T-Stor fulfils the requirement for a powerful but compact storage solution. It is a high capacity unified file and block storage system that provides both Network Attached Storage and Storage Area Network functionality with an added level of SSD I/O acceleration.

Delivered as a high availability cluster configuration to keep services online in the event of failure, the system is a single 4U appliance consisting of two individual nodes which have access to a shared storage array supporting 20TB of useable storage. Leveraging a file system designed around enterprise storage requirements, the Boston Igloo 4U-20T-Stor provides superior performance, security, and scalability at a fraction of the cost of alternative storage offerings.

Advanced features of this software defined storage solution include High Availability with Active/Passive redundancy, Volume Snapshotting, Automatic Failover and SSD read and write caching via a ZFS file system.



NETWORKING

We have a range of switches and transceivers. Get in touch with our sales team to discuss your requirements.



LEASING

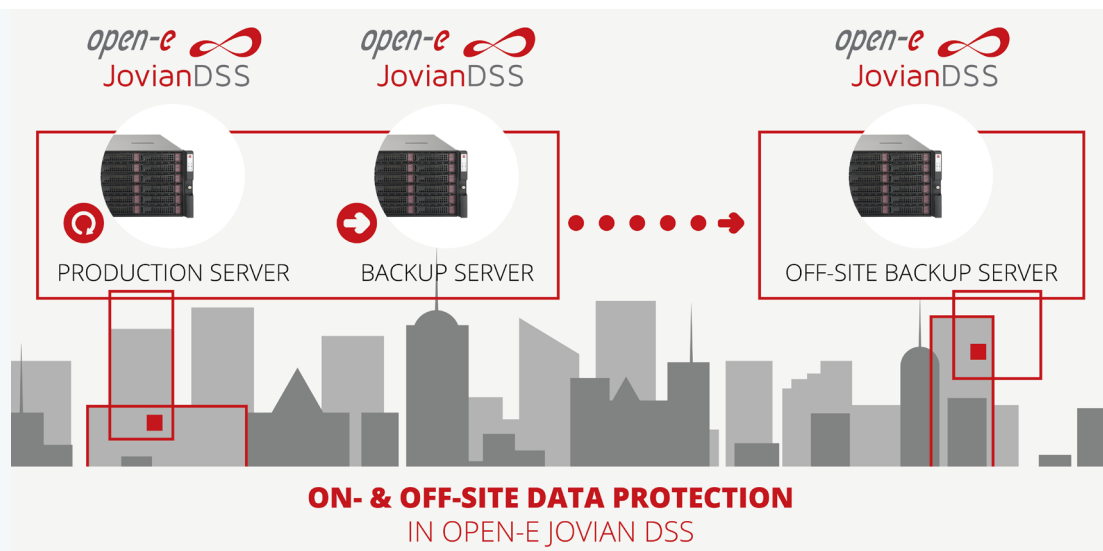
All of our hardware and services are available to lease. Get in touch with our sales team to discuss your requirements.



GLOBAL SUPPORT & WARRANTY

Our after sales support team are on hand to answer any queries and provide warranty support services.





ENTERPRISE FEATURE SET

HIGH AVAILABILITY	Active-Active or Active-Passive dual node cluster for iSCSI / NFS / SMB over Ethernet (can support FC and SAS).
DATA PROTECTION	Off-site Data Protection and instant disaster recovery. Supports multiple backup destinations.
RELIABILITY AND REDUNDANCY	Atomic Transaction Writes, Data and Metadata Checksumming, Self-Healing, N-Mirrors, up to Triple Parity, optionally mirrored boot medium.
DATA OPTIMIZATION	Very efficient default LZ4 compression and optional In-line Deduplication.
DATA ACCELERATION	Three tier dynamic caching, hot data cache algorithm, random to sequential conversion on writes.
DATA VIRTUALIZATION	Default Thin and Over Provisioning with pooled storage model, unlimited and instant Snapshots and Clones.
SCALABILITY	Up to about 240TB RAW in single namespace with the ZFS technology on Linux OS.
UNIFIED STORAGE MODEL	iSCSI, NFS, SMB/CIFS, OpenStack-Cinder.
QUICK AND SIMPLE STORAGE MANAGEMENT	Easy-to-use WebGUI with intuitive navigation, Console UI and scriptable CLI / API and REST API.
CONVENIENT MONITORING	WebGUI SNMP monitoring system, monitoring with industry-standard platforms like Nagios or Check_MK.
FLEXIBLE TECHNICAL SUPPORT OPTIONS	Included 24/7 E-mail, telephone, remote session and small update support.
ROBUST AND COMPATIBLE	Fully tested and certified by Boston Labs and our software partners.

Customised configurations are also available - contact us to discuss your requirements.

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