

KEY FEATURES

High Availability Cluster-in-a-Box Storage Solution, data is always accessible

24x High speed 3.2TB dual port U.2 NVME Enterprise Class Drives

55TB All Flash ultra-fast NVME storage in RAID Z1

Dual 40 GbE QSFP and dual 10 GbE RJ45 LAN ports

IPMI Remote Management with iKVM

OPEN-E'S JovianDSS License & Premium Support For 3 Years



THE BOSTON IGLOO 1203-40Q STORAGE APPLIANCE

NVME DUAL CONTROLLER SOFTWARE DEFINED STORAGE POWERED BY OPEN-E AND SUPERMICRO BOSTON BUILT, TESTED & CERTIFIED SO YOU DON'T HAVE TO.

Introducing the new Boston Igloo 1203-40Q unified storage appliance providing block, file, and object access to data. 76.8TB of high-speed RAW NVMe storage is pre-configured to provide 55TB usable capacity in a neat dual controller highly available 2U form factor. The appliance is ideal for applications that need blisteringly fast access to data while taking advantage of cost savings afforded by Software Defined Storage on Supermicro hardware. Pre-built and tested by Boston means that everything has been locked and loaded and it's ready to plug into your business!

The Boston Igloo 1203-40Q is driven by the latest version of Open-E JovianDSS accessed by a feature rich GUI or CLI. Open-E JovianDSS, a ZFS- and Linux-based Data Storage Software, is a reliable, flexible, and robust solution designed for companies of any size. With its unique features (such as constant snapshots, retention plans, clones, file & volume size management options). The appliance ensures the highest level of data reliability and integrity while also offering best-in-class data storage, protection, and recovery functionalities.



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.

SYSTEM SPECIFICATIONS

MODEL	THE BOSTON IGLOO 1203-40Q
	
FORM FACTOR	2U Rackmount
CHIPSET	Intel® C624 series
PROCESSOR SUPPORT	Dual Socket Intel® Xeon® Scalable
MEMORY TYPE	DDR4 ECC 2933MHz
MEMORY CAPACITY	Up to 3TB in 12 DIMM slots
STORAGE PROTOCOLS	iSCSI, Fibre Channel (FC), NFS, SMB (CIFS). Virtual IP's for Storage access.
STORAGE CLUSTER FEATURES	High Availability, Active-Active or Active-Passive nodes
STORAGE PLATFORM	Physical and Virtual hardware supported
DATA INTEGRITY	Integrity checks, Self-healing, Multiple data copies
DATA OPTIMISATION	In-line Data Compression and Deduplication, Thick, Thin and Over-Provisioning
STORAGE BACKUP FEATURES	Snapshots, Clones, Scheduled backups, On and off-site backup.
DRIVE SUPPORT	24x Hot-swap U.2 NVME drive bays 2x Fixed SATADOM (supports RAID 0/1) 1x M.2 PCIe 3.0 x4 in 2242/2260/2280 form factor
NETWORK CONNECTIVITY	2x 40GbE QSFP ports and 2x 10GbE RJ45 ports
POWER SUPPLY / EFFICIENCY	2000W 80 Plus Titanium Efficiency
SYSTEM WEIGHT	30kg (gross weight, no drives)
SYSTEM DIMENSIONS	437x89x650mm (WxHxD)
OPERATING TEMPERATURE RANGE	Up to 35C (depending on the configuration)
SOFTWARE	Open-e Jovian

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