BOSTON IGLOO AI+ POWERED BY PEAK: AIO

NEXT GENERATION PERFORMANCE. FUEL YOUR ACCELERATORS RATHER THAN YOUR STORAGE BUDGET!

"Boston has created the Igloo AI+ for the marketplace leveraging Peak: AiO for its Ultra low latency filesystem. Supermicro enable the provision of a 1U or a 2U form factor. Micron provide a selection of NVMe drives to provide flexible storage options. NVIDIA provide adapters to maximize throughput. All built, tested, and installed by Boston so you don't have to!"

KEY FEATURES:

- Block or file access
- Designed for AI workloads
- Up to 80GB/s+ throughput
- RAID 1, 10, 5 and 6 support
- GPU direct support
- Up to 737TB capacity
- From £41,999

NETWORKING

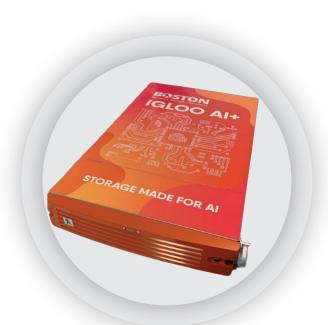We have a range of switches and transceivers. Get in touch with our sales team to discuss your requirements.

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.

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France | Germany | India | South Africa | Switzerland | United Kingdom

In the world of AI model training, the investment in accelerator technology can be critical for the success of an AI project. We have designed the Igloo AI+ with blistering performance to support AI workloads without the need to compromise investment into accelerators. The NFS protocol allows multiple DGX servers to access the storage meaning that more systems can be connected to the environment as the need for AI compute grows.

Many organizations will look to buy trays of disk to minimise cost not realizing that there is work to do to deliver that performance to the platform.

Alternatively, they will look to a HPC storage provider for fast storage only to be shocked by the cost. The Boston Igloo AI+ strikes the balance of cost versus blistering performance making it the perfect fit for storage needs that generally run into the low hundreds of TB storage capacity needed to feed the accelerators with data to develop a model in as short a time as possible. For smaller environments with a single GPU system, the Boston Igloo AI+ can be connected directly WITHOUT the need for a switch! This furthers investment that can be made into GPU's!

CAPACITY BASED PRICING

DRIVE TYPE	RAW CAPACITY	IGLOO AI+ 1U FORM FACTOR	IGLOO AI+ 2U FORM FACTOR
6x 15.3TB	91.8TB	£41,999	£42,999
24x 7.6TB	183.6TB	NA	£58,999
12x 15.3TB	183.6TB	£57,999	£58,999
6x 30.72TB	184.3TB	£62,999	£63,999
24x 15.3TB	367.2TB	NA	£91,999
12x 30.72TB	368.6TB	£97,999	£99,999
24x 30.72TB	737.3TB	NA	£172,999

SPECIFICATIONS

MODEL	IGLOO AI+ 1U FORM FACTOR	IGLOO AI+ 2U FORM FACTOR
Drives	6 or 12x NVMe	6, 12 or 24x NVMe
CPU	(2x) Intel Gold 6442Y	(2x) Intel Gold 6442Y
Memory	256GB	256GB
Network Adapter	(2x) NVIDIA 200GbE card	(2x) NVIDIA 400GbE card
Installation	Remote Installation	Remote Installation
Capacity	Up to 368.6TB RAW	Up to 737.3TB RAW
Throughput	40GB/s+	80GB/s+

- NVMe over fabric (block) NFS (file) protocol connectivity options
- PCIe gen 4 NVMe drive technology
- RDMA based NFS & option for NFS multipath
- GPU direct supported

- 40GB/s+ performance in the 1U, 80GB/s+ performance in the 2U
- Can be scaled with the installation of additional Igloo AI+ systems
- 3 Year RTB hardware warranty and 3 year software support

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