BOSTON
Servers | Storage | Solutions

KEY FEATURES

2U GPU Optimised rack mount chassis

IBM POWER9™ CPUs (featuring NVLink™)
with up to 22 cores

Up to 2TB DDR4 ECC system memory

Up to 6 NVIDIA® Tesla® V100 GPUs
with NVLink™

Up to 4 PCIe Gen4 NVMe SSD's,
2x the bandwidth of PCIe Gen3

Two 2.5" SATA drive bays

Designed to scale from one system to
Supercomputer capability

IBM POWER AC922

ENGINEERED TO BE THE MOST POWERFUL AI TRAINING PLATFORM

The Power AC922 is built from the ground-up for data intensive workloads and includes a variety of next-generation I/O architectures, including PCIe Gen4, CAPI 2.0, OpenCAPI and NVIDIA® NVLink™, to provide up to 5.6 times as much bandwidth compared to x86 servers.

Modern AI, HPC and analytics workloads are driving an ever-growing set of data intensive challenges that can only be met with accelerated infrastructure. The AC922 leverages the vast capabilities of IBM's new POWER9™ processor, the only processor with state-of-the-art I/O subsystem technology, including next generation NVIDIA® NVLink™, PCIe Gen4 and OpenCAPI.

With a myriad of modern connectivity capabilities, The Power AC922 yields up to 5.6x the IO bandwidth over the previous generation PCIe Gen3 buses found in some x86 platforms. IBM Power Systems deliver the only architecture enabling NVLink™ between CPUs and GPUs, unlocking new potential for accelerated computing.

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.

Boston Limited has been providing cutting edge technology since 1992 using Supermicro® building blocks. Our high performance, mission-critical server and storage solutions can be tailored for each specific client, helping you to create your ideal solution.

From the initial specification, solution design and even full custom branding.

"WE CAN HELP YOU SOLVE YOUR TOUGHEST BUSINESS CHALLENGES SIMPLY AND EFFECTIVELY."

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SYSTEM SPECIFICATIONS

MODEL	AC922 8335-GTC	AC922 8335-GTW
FORM FACTOR	2U	2U
CPU	Dual socket POWER9 with NVLink CPUs 16 or 20 cores	Dual socket POWER9 with NVLink CPUs 18 or 22 cores (water cooled)
MEMORY TYPE	DDR4 ECC RDIMM, LRDIMM 2666MHz	DDR4 ECC RDIMM, LRDIMM 2666MHz
MEMORY CAPACITY	Up to 2TB in 16x DIMM slots (16 channels)	Up to 2TB in 16x DIMM slots (16 channels)
GPU ACCELERATORS	4x NVIDIA® Tesla® V100	6x NVIDIA® Tesla® V100
DRIVE SUPPORT	2x Small Form Factor 2.5" SATA 2x PCIe 4.0 x16, 1x PCIe 4.0 x16 (x8, x8), 1x PCIe 4.0 x4	2x Small Form Factor 2.5" SATA 2x PCIe 4.0 x16, 1x PCIe 4.0 x16 (x8, x8), 1x PCIe 4.0 x4
OPERATING SYSTEM	Red Hat Enterprise Linux, Ubuntu Linux	Red Hat Enterprise Linux, Ubuntu Linux

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