BOSTON

Servers I Storage I Solutions
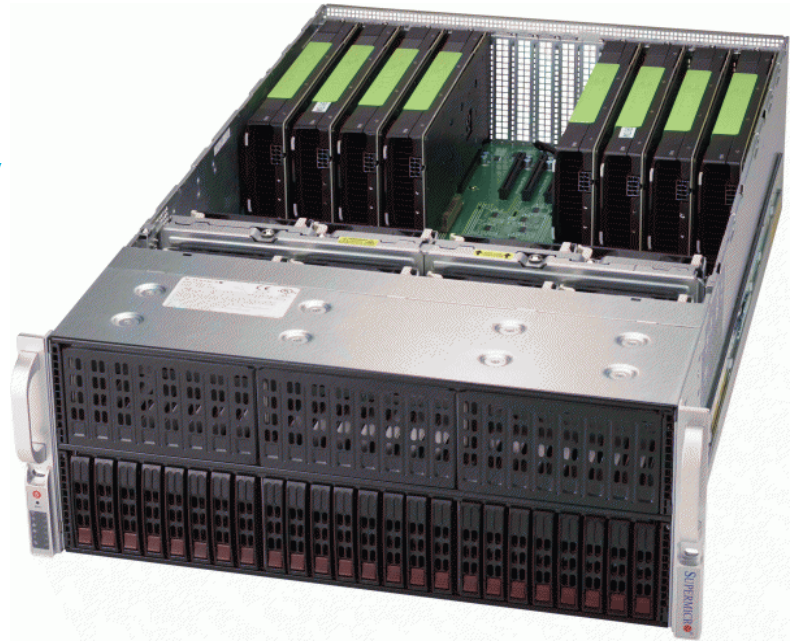
KEY FEATURES

8x NVIDIA® V100 GPUs

Dual Intel® Xeon® Processor Scalable Family

Exponential Performance Leap with Volta™ Architecture

Unprecedented Efficiency with HBM2

Built to accelerate AI, HPC, and graphics. Powered by NVIDIA® Volta™

Simpler Programming with Page Migration Engine

NVIDIA ELITE SOLUTION PROVIDER

SUPERMICRO®

intel XEON® inside™

BOSTON ANNA
ARTIFICIAL NEURAL NETWORK ACCELERATOR

Deep learning is redefining what's possible. From early-stage startups to large web service providers, deep learning has become the fundamental building block in delivering amazing solutions for end users.

Today's leading deep learning models typically take days to weeks to train, forcing data scientists to make compromises between accuracy and time to deployment. The Boston ANNA, features 8x NVIDIA® Tesla® V100 GPU accelerators (customized configurations enable up to 10x GPU accelerators) for deep learning training, purpose-built to dramatically reduce training time. Running Caffe and Torch on the Tesla V100 delivers the same model within days versus weeks on CPU based compute systems.

Boston Ltd. is also offering customers a dedicated optimised cloud platform for their deep learning analytics solutions - removing the initial capital expenditure of a physical on-premise system, and enabling you to immediately gain insight through processing and analyzing your data in the cloud. Our cloud platform enables agile sys-admin teams to quickly deploy scalable, production-ready deep learning environments in their own private cloud.

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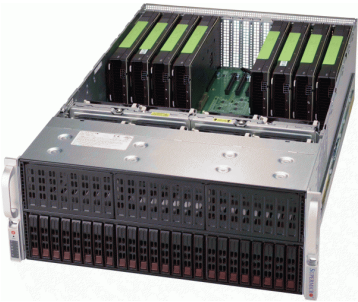Our after sales support team are on hand to answer any queries and provide warranty support services.

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.

SYSTEM SPECIFICATIONS

MODEL	BOSTON ANNA
FORM FACTOR	4U
CPU	Dual Intel® Xeon® Scalable Family CPUs
MEMORY	24x DDR-4 Registered ECC 2666MHz
DRIVE SUPPORT	24x 2.5" Hot-Swap SATA3 Bays (Optional SAS 12Gb)
GPU	8x V100 GPUs (Customized configurations enable up to 10x)
GPU MEMORY BANDWIDTH	900GB/s
CUDA CORES (V100)	40,960
THEORETICAL SINGLE PRECISION PERFORMANCE (V100)	120 TeraFLOPS
ADD-ON CARD SUPPORT	11x PCI-E 3.0 x16 FH/FL slots 1x PCI-E 3.0 x8 slots
POWER SUPPLY	Redundant 2000W Titanium Power Supply with PMBus

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