BOSTON
Servers I Storage I Solutions

KEY FEATURES

- 8x SXM2 NVIDIA V100 GPUs
- NVIDIA® NVLink™ 2.0 connectivity
- Dual Intel® Xeon® Processor Scalable Family, ≤ 205W
- Up to 3TB DDR-4 Registered ECC Memory
- EDR InfiniBand or Omni-Path interconnect
- 16x SATA/SAS or 8x NVMe 2.5" drive support

NVIDIA ELITE SOLUTION PROVIDER

BOSTON ANNA VOLTA XL

PERFECT FOR HIGH PERFORMANCE COMPUTING & DEEP LEARNING

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 Volta XL, features 8x NVIDIA® Tesla® V100 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 are 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 analysing your data in the cloud. Our cloud platform enables agile sys-admin teams to quickly deploy scalable, production-ready deep learning environments in its own public cloud.

NETWORKING

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

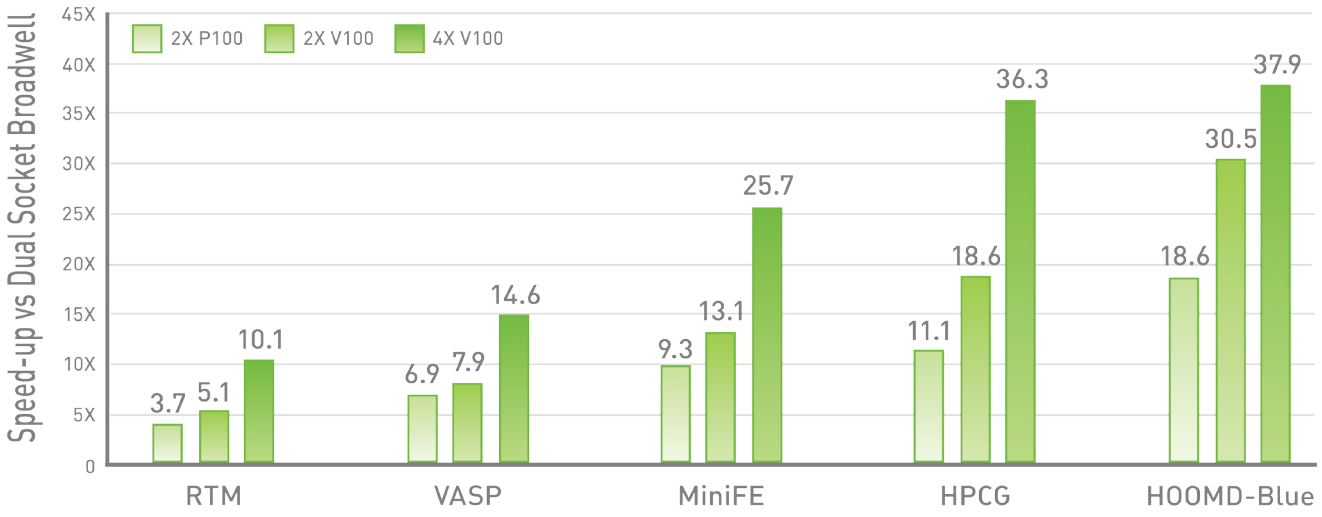
LEASING

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

GLOBAL SUPPORT & WARRANTY

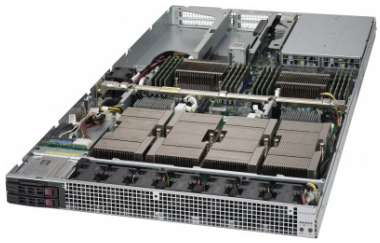
Our after sales support team are on hand to answer any queries and provide warranty support services.

Top HPC Applications Run Faster with Tesla V100



Comparison vs PU- Dual Broadwell E5-2690 v4

SYSTEM SPECIFICATIONS

MODEL	ANNA VOLTA XL	ANNA VOLTA
		
FORM FACTOR	4U Chassis	1U Chassis
CPU	Dual Intel® Xeon® Scalable Processor Family CPUs	Dual Intel® Xeon® Scalable Processor Family CPUs
MEMORY	24 DDR4 DIMMs	12 DDR4 DIMMs
DRIVES	16x 2.5" hot swap drive bays	2x 2.5" hot swap drive bays 2x 2.5" fixed drive bays
GPU	8x V100 w/ 300GB/s NVLink 2.0	4x V100 w/ 300GB/s NVLink 2.0
EXPANSION SLOTS	4 x16 PCIe 3.0 slot; 2 x8 slot	3 x16 PCIe 3.0 slot; 1 x8 slot
POWER SUPPLY	4x 2200W Titanium Level Efficiency PSUs	2x 2000W Titanium Level Efficiency PSUs
CUDA CORES (w/ V100)	40,960	20,480
THEORETICAL SINGLE PRECISION PERFORMANCE (w/ V100)	125.6 TeraFLOPS	62.8 TeraFLOPS

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