

KEY FEATURES

4U GPU Accelerated Computing Platform

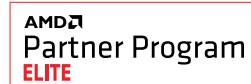
AI, Rendering or GPU Compute
Package Options

Dual AMD EPYC 7002 Series Processors
with up to 64 cores / 128 threads

Up to 10x Double Width
GPU Accelerators

PCI-Express Generation 4

Up to 8TB of DDR4 ECC memory



BOSTON ANNA A100

HPC, RENDERING, DEEP LEARNING OR AI COMPUTE - A PERFECTLY BALANCED PACKAGE

The Boston ANNA A100 combines two extreme core count AMD EPYC™ 7002 series processors with up to 64 cores each and up to 10 double width GPU accelerators to provide our most powerful single system to date.

A full 160 PCI-Express Generation 4 lanes with no switches ensure whichever GPU, FPGA or even IPU that is installed received maximum bandwidth for inter device transfers. Perfect companions for the ANNA A100 include NVIDIA's A100 GPU, AMD's Radeon Instinct MI50 or even Xilinx U200 series FPGA; the choice is yours to mix and match.

Fast IO and storage are not forgotten either with support for Mellanox ConnectX-6 200GbE / EDR InfiniBand controllers at native PCI-Express Gen 4, up to 8TB DDR-4 DRAM and a compliment of Micron 9300 series U.2 NVME – the Boston ANNA A100 combines a perfect balance of compute, storage and network capabilities.



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.”

VISIT: BOSTON.CO.UK

SYSTEM SPECIFICATIONS

| MODEL | BOSTON ANNA A100 |
|----------------------|---|
| |  |
| FORM FACTOR | 4U |
| CHIPSET | System on Chip (SoC) |
| PROCESSOR SUPPORT | Dual socket SP3 (LGA 4094) supports 2nd Gen. AMD® EPYC™ 7002 Series processors (Rome) |
| MEMORY TYPE | DDR4 ECC RDIMM 3200MHz |
| MEMORY CAPACITY | Up to 8TB in 32x DIMM slots (16 channels) |
| GPU | Up to 10x NVIDIA® Tesla® A100, Quadro® RTX or AMD® Radeon Instinct™ |
| EXPANSION SLOTS | 10x PCIe 4.0 x16 FHFL* |
| DISK SUPPORT | 24x Hot-swap 2.5" SATA/SAS* 4x Hot-swap 2.5" U.2 NVMe* |
| NETWORK CONNECTIVITY | Intel® I350 Dual port 1GbE (RJ45) Mellanox Connect-X6 200Gbit/s Options |
| POWER SUPPLY | 2000W Redundant 80 Plus Titanium Efficiency |

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