BOSTON
Servers I Storage I Solutions

KEY FEATURES

Sleek Mid-tower chassis

Intel® Xeon® W-2200 series CPU support
with up to 18 cores / 36 threads

Up to 1TB of DDR4 2933MHz
ECC memory (Quad Channel)

Up to 3 AMD or NVIDIA® graphic cards

Support for 2 M.2 or 2 U.2 PCIe
NVMe SSD with Intel® VROC

Up to 6 2.5/3.5" and 2 2.5" SATA SSD/HDD

Optional liquid cooled CPU for
whisper quiet operation

BOSTON VENOM 1005-10NP
DESIGNED FOR PROFESSIONAL WORKLOADS

The Boston Venom 1005-10NP is powered by an Intel® Xeon® W-2200 series processor, based on "Cascade Lake" core architecture, featuring up to 18 cores / 36 threads whilst boosting clock speeds up to 4.8GHz. These processors support Intel® Deep Learning Boost (Intel® DL Boost), a new set of embedded processor technologies designed to accelerate AI deep learning use cases. This cutting-edge innovation is designed to accelerate training and inference performance for machine learning workloads. Image classification, language translation, object detection, and speech recognition are just a few of the workloads that can benefit.

The Boston Venom 1005-10NP supports up to 1TB of DDR4 ECC memory and 56 lanes of PCI-E 3.0 for single, dual or triple NVIDIA® or AMD GPU configurations, plus additional expansion. With an impressive range of attributes, the Boston Venom 1005-10NP is a great platform for 2D/3D CAD, BIM, and VR content development where multiple-GPUs are required.

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.

SYSTEM SPECIFICATIONS

MODEL	BOSTON VENOM 1005-10NP
FORM FACTOR	Mid-Tower
CHIPSET	Intel® C422
PROCESSOR SUPPORT	Single socket R4 (LGA 2066) supports Intel® Xeon® W Processor W-2100/W-2200
MEMORY TYPE	DDR4 ECC RDIMM, LRDIMM 2933MHz
MEMORY CAPACITY	Up to 1TB in 8x DIMM slots (4 channels)
GPU	Up to 3x NVIDIA® or AMD graphics card
EXPANSION SLOTS	3 PCIe 3.0 x16 FHFL, 1 PCIe 3.0 x4 FHFL
DISK SUPPORT	6x Fixed 2.5/3.5" & 2x Fixed 2.5" SATA 2x M.2 PCIe 3.0 x4 in 2280/22110 form factor, 2x U.2 NVMe
NETWORK CONNECTIVITY	Intel® I219LM Single port 1GbE (RJ45) Aquantia AQC108 single port 5GbE (RJ45)
POWER SUPPLY	1000W 80 Plus Gold Efficiency

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