

KEY FEATURES

ZutaCore HyperCool 2-phase direct-to-chip liquid cooling technology

4 hot-swappable dual processor server nodes

3rd Gen Intel Scalable Processors with up to 36 Cores / 72 Threads

Up to 8TB DDR4-3200 ECC memory (8 Channels)

1x PCIe 4.0 x16

Flexible Networking options

1x dedicated IPMI Server Management
1GbE network port

6 hot-swap drives per node



BOSTON QUATTRO 1236-TN-DC2

BASED ON SUPERMICO'S BIG TWIN SERVER RANGE, THE BOSTON QUATTRO 1236-TN-DC2 IS A LIQUID-COOLED 4-NODE SERVER UTILISING 2-PHASE DIRECT-TO-CHIP TECHNOLOGY AND SPORTING 3RD GEN SCALABLE PROCESSORS.

The Boston Quattro 1236-TN-DC2 is a 2U, 4-node dual-processor high density server based on Intel's high-performance 3rd Generation Xeon-SP processors.

It features a dual socket P+ motherboard that supports two Intel® Xeon® processors, with up to 36 cores and 72 threads, 4TB of DDR4-3200 ECC memory and 1 PCIe 4.0 expansion slot per node. Another great feature is the support of Intel Persistent Memory technology (up to 8TB), that helps accelerate large-memory computing by keeping more data closer to the CPU.

It is housed in a modular 2U chassis that supports 6 hot-swap U.2 NVMe SSD's or SATA drives, as well as 2 M.2 PCIe 4.0 interfaces per node enabling advanced storage options for demanding applications.

A flexible I/O module (SIOM) allows for selection of several Ethernet and InfiniBand networking options to fit practically every network requirement. Enterprise features such as a dedicated port for IPMI remote management, and 2200W redundant titanium level PSU's come as standard.

Boston has partnered with ZutaCore to take server cooling to the next level. The Boston Quattro 1236-TN-DC2 is using HyperCool; a direct-on-chip, waterless, evaporative 2-phase liquid cooling solution. This technology has many benefits - it allows for more stable frequencies under load which increases CPU performance while lowering the overall server power consumption at the same time.



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 QUATTRO 1236-TN-DC2
FORM FACTOR	2U Rackmount
CHIPSET	Intel® C621A
PROCESSOR SUPPORT	3 rd Gen Intel® Xeon® Scalable Processors
MEMORY TYPE	DDR4 ECC 3200MHz
MEMORY CAPACITY	Up to 4TB in 16 DIMM slots (8 Channel)
EXPANSION SLOTS	1x PCIe 4.0 x16 HHHL
DRIVE SUPPORT	6x Hot-swap 2.5" NVMe/SATA Hybrid drive bays 1x M.2 PCIe 4.0 x4/SATA in 2280/22110 form factor 1x M.2 PCIe 4.0 x4 in 2260/2280 form factor
NETWORK CONNECTIVITY	1x Flexible LAN option via PCIe 4.0 x16 SIOM
POWER SUPPLY / EFFICIENCY	2600W 80 Plus Titanium Efficiency
SYSTEM DIMENSIONS	450x40x480mm (WxHxD)

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