

KEY FEATURES

8U Form factor blade enclosure

20 x Half height dual processor blades,
or 10 x Full height quad processor blades

Next Generation Intel Xeon Scalable
Processors

DDR4 2933MHz and Intel® Optane™ DC
Persistent Memory (codename Apache Pass)

NVMe, SAS and SATA storage options

Ethernet, Infiniband and OmniPath options
up to 100Gb/s per port



NEXT GENERATION BOSTON BLADE ON NEXT GEN INTEL® XEON® SCALABLE PROCESSORS

Our latest and most advanced blade platform is the most efficient / dense blade in the industry, offering up to 20 independent nodes featuring next generation Intel® Xeon® Scalable processors (codename Cascade Lake), multiple terabytes of DDR4, Intel® Optane™ DC Persistent Memory, NVMe storage, 100Gb+ networking, integrated management and GPU/accelerator options.

In an 8U form factor, our latest blade offering supports the latest technologies for CPU, memory, persistent memory, storage, networking and management. With its scalable, high-density design, up to 100 dual processor nodes per 42U rack, including networking, is a reality.

The selection of compute platforms is complemented by other optional technologies such as integrated high-bandwidth networking options, GPU / accelerator support for some variants and a variety of storage options.



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	DUAL CPU	QUAD CPU
FORM FACTOR	8U	8U
NUMBER OF PROCESSOR BLADES	Up to 20	Up to 10
PROCESSOR SUPPORT	2x Intel® Xeon® Skylake Family CPUs	4x Intel® Xeon® Skylake Family CPUs
MEMORY TYPE	DDR-4 Registered ECC 2933MHz & Intel® Optane™ DC Persistent memory support	DDR-4 Registered ECC 2933MHz & Intel® Optane™ DC Persistent memory support
MEMORY CAPACITY	Up to 2TB	Up to 6TB
DRIVE SUPPORT	2x Hot-plug NVMe/SAS/ SATA 2.5"/ U.2 drives	8x Hot-plug NVMe/SAS/ SATA/ U.2 drives
NETWORK CONNECTIVITY	Dual 10GbE onboard High-bandwidth Ethernet, Infiniband or OmniPath options	Dual 10GbE onboard High-bandwidth Ethernet, Infiniband or OmniPath options
POWER SUPPLY	Up to eight hot-swap 2200W Titanium Efficiency PSU 	Up to eight hot-swap 2200W Titanium Efficiency PSU 

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