

KEY FEATURES

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

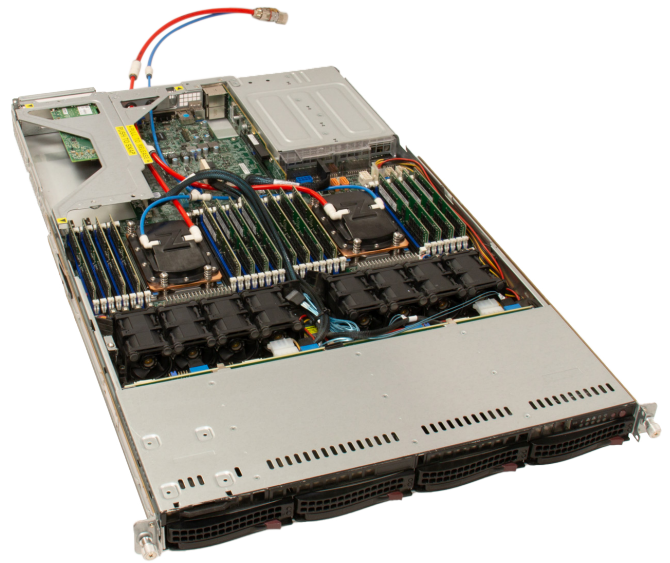
Dual AMD EPYC™ 7003 Series CPU with up to 64 Cores / 128 Threads

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

3x PCIe 4.0 x16

Dual-port 10GBase-T networking via Intel X710-TM4

Dedicated IPMI Server Management 1GbE network port



BOSTON FENWAY 1164-0TN-DC2

BASED ON SUPERMICRO'S 1U ULTRA SERVER RANGE, THE BOSTON FENWAY 1164-0TN-DC2 IS A LIQUID-COOLED SERVER UTILISING 2-PHASE DIRECT-TO-CHIP TECHNOLOGY AND SPORTING AMD'S EPYC™ 7003 RANGE OF PROCESSORS, BASED ON ZEN 3 ARCHITECTURE.

The Boston Fenway 1164-0TN-DC2 server features a dual SP3 socket motherboard that supports two AMD EPYC™ processors with AMD 3D V-Cache™ technology, up to 64 cores and 128 threads with the TDP of 280W, 8TB of DDR4-3200 ECC memory and 3 PCIe 4.0 expansion cards.

It is housed in a 1U chassis supporting 4 hot-swap SATA drives or 4 U.2 NVMe SSD's with PCIe 4.0 interface and redundant 1200W Titanium power supplies.

It comes with 10GbE networking as standard and a dedicated port for IPMI remote management.

Boston has partnered with ZutaCore to take server cooling to the next level. The Boston Fenway 1164-0TN-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. It improves energy efficiency and makes high-performance computing possible in environments that have air cooling limitations or have high ambient temperature.



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.

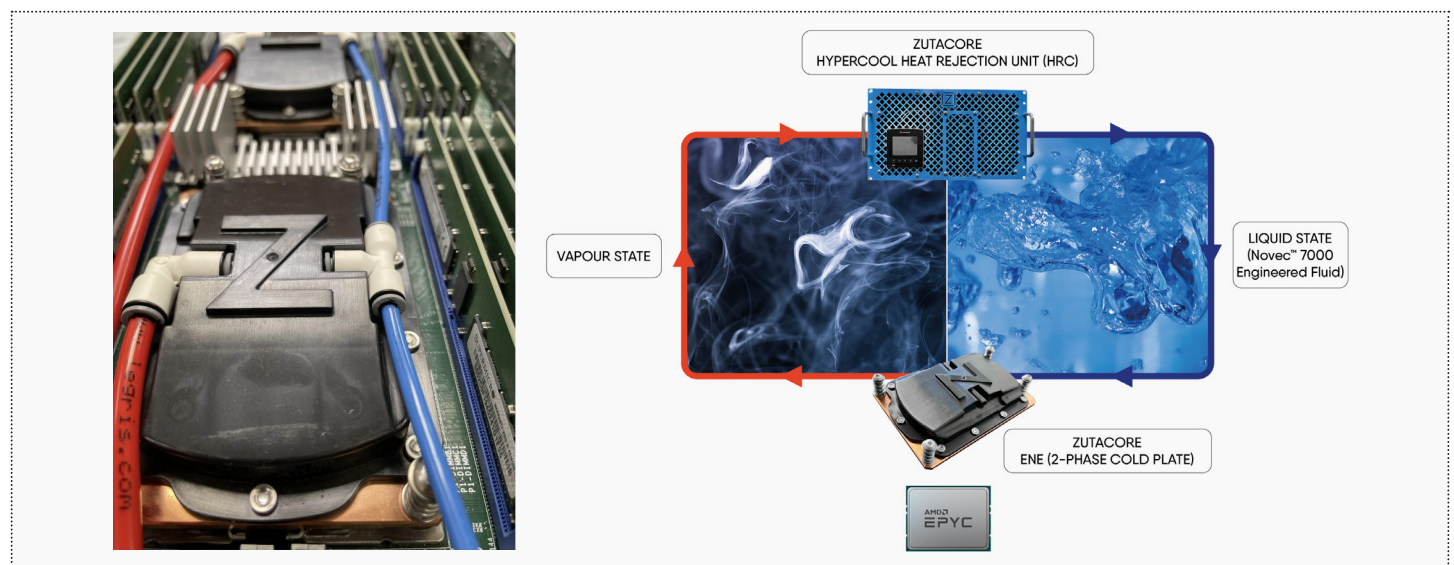


GLOBAL SUPPORT & WARRANTY

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

SYSTEM SPECIFICATIONS

MODEL	BOSTON FENWAY 1164-0TN-DC2
FORM FACTOR	1U Rackmount
CHIPSET	AMD SOC
PROCESSOR SUPPORT	AMD EPYC™ 7002 & 7003
MEMORY TYPE	DDR4 ECC 3200MHz
MEMORY CAPACITY	Up to 8TB in 16 DIMM slots (8 Channel)
EXPANSION SLOTS	1 PCIe 4.0 x16 FH/9.5" Length 1 PCI-E 4.0 x16 FHHL 1 PCI-E 4.0 x16 Proprietary Internal
DRIVE SUPPORT	4 Hot-swap 3.5/2.5" U.2 NVMe or SATA bays or SAS3 (optional)
NETWORK CONNECTIVITY	2x 10GBase-T RJ45 ports
POWER SUPPLY / EFFICIENCY	1000W 80 Plus Titanium Efficiency
SYSTEM DIMENSIONS	437x43x737mm (WxHxD)



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