

KEY FEATURES

1U Rackmount chassis

>150TB NVMeoF in 1U

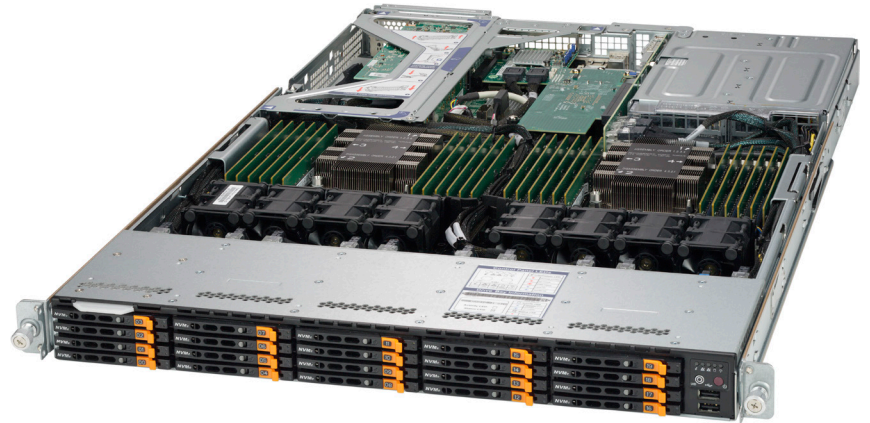
High Density Elastic NVMe
over Fabrics Storage

Low Latency Access

Up to millions of IOPs / 10's
GB/s throughput

EDR Infiniband or 200GbE Connectivity
with RoCE v2

RAID Support



Western Digital

Excelero



BOSTON TALYN CAPACITY+ HIGH-THROUGHPUT, HIGH-DENSITY STORAGE WITHOUT SACRIFICE

The Boston Talyn Capacity+ is truly storage that is ready for the AI revolution. It delivers extreme throughput and capacity of NVMe storage with low latency IO access to this new breed of demanding applications. Leveraging 20 bays of NVMe storage in a high-density 1U chassis, the Talyn Capacity+ delivers twice the density of competitive enterprise rack mount systems.

Complimenting this impressive hardware specification and solving one of the biggest challenges in computing today is Excelero's NVMesh. Together, the Boston Talyn Capacity+ enables low latency and high-performance access to NVMe volumes to remote clients with minimum processor overhead; employing technologies such as RoCE v2 and 200Gbit/s EDR InfiniBand or 200GbE.

NVMesh is a Software-Defined Block Storage solution that features Elastic NVMe, a distributed block layer that allows unmodified applications to utilise pooled NVMe storage devices across a network at local speeds and latencies. Distributed NVMe storage resources are pooled with the ability to create arbitrary, dynamic block volumes that can be utilised by any host running the NVMesh block client. These virtual volumes can be striped, mirrored or both while enjoying centralised management, monitoring and administration.



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.



SAP

HANA

sas

splunk

>



redis

MySQL

ORACLE



mongoDB

**LOCAL
FILE SYSTEMS****SHARED PARALLEL
FILE SYSTEMS****LOGICAL VOLUMES****NVMesh®**
Software-Defined Block Storage**OS: LINUX (CENTOS/UBUNTU/REDHAT)****SERVERS**

SYSTEM SPECIFICATIONS

MODEL	BOSTON TALYN CAPACITY+
FORM FACTOR	1U
CHIPSET	Intel® C621 chipset
PROCESSOR SUPPORT	Dual Socket P (LGA 3647) 2nd Generation Intel® Xeon® Scalable Family Processor with TDP 70-205W
MEMORY TYPE	DDR4 ECC Registered 2933MHz
MEMORY CAPACITY	Up to 6TB in 24x DIMM slots (? channels)
EXPANSION SLOTS	1x PCI-E 3.0 x8 FH
NVME CAPACITY	Up to 150TB Capacity and Up to 10M IOPS & 50GB/s (configuration dependant)
DISK SUPPORT	20x 2.5" 7mm Hot-Swap NVMe Drive Bays
NETWORK CONNECTIVITY	2x 25GbE SFP28 Ethernet ports 2 x 100GbE / EDR Infiniband (Optional)
POWER SUPPLY	1600W Redundant 96 Plus Titanium Efficiency

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

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