

## KEY FEATURES

4.5U rack mount chassis

Dual 2nd Generation Intel® Xeon® Scalable Processors

Up to 6TB of ECC DDR4 2933MHz memory

Support for Intel® Optane™ DC persistent memory (codename Apache Pass)

Up to 8x NVIDIA® Quadro® RTX GPU's with NVLINK

PCIe NVMe M.2 slot for fast boot drive

Up to 24 2.5" drive bays



## BOSTON ANNA RTX

CREATE PROFESSIONAL, PHOTOREALISTIC IMAGES FOR MULTIPLE INDUSTRIES

A huge jump in consumer media consumption through both online and terrestrial sources has seen the visual effects industry take huge leaps in demand, year after year. Customers continually demand huge amounts of content with ever increasing expectations on visual quality. Designers and artists also continually strive to produce more visually rich content faster than ever before, yet find their creativity and productivity bound by inefficient CPU-based render solutions.

The RTX Server strives to solve this common problem by delivering a validated, GPU-accelerated rendering platform with the power and performance required to meet artists & customers' expectations, without costing the earth. Designed as rack mountable render solution, it sits in the server room or datacentre and offers either interactive sessions to the desktop or final batch rendering for the most complex tasks.

Boston's RTX Server is a reference design comprised two 2nd Generation Intel® Xeon® Scalable Processors, 2933MHz DDR4 memory and 8 NVIDIA Quadro® RTX 6000 graphics cards connected with NVLINK. Combined together, this solution provides unprecedented rendering and compute performance at a fraction of the cost, space, and power consumption of traditional CPU-based render nodes.



### 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.

**THE BOSTON RTX SERVER IS GREAT FOR ACCELERATING RENDERING APPLICATIONS INCLUDING:**



## SYSTEM SPECIFICATIONS

MODEL	BOSTON ANNA RTX
FORM FACTOR	4.5U
CHIPSET	Intel® C622
PROCESSOR SUPPORT	Dual socket P (LGA 3647) supports 2nd Gen. Intel® Xeon® Scalable processors (Cascade Lake/Skylake)
MEMORY TYPE	DDR4 ECC RDIMM 2933MHz Supports Intel® Optane™ DCPMM
MEMORY CAPACITY	Up to 6TB in 24x DIMM slots (12 channels)
GRAPHICS CARD	Up to 8x NVIDIA® Quadro RTX™ with NVLINK
EXPANSION SLOT SUPPORT	11x PCIe 3.0 x16 FHFL 1x PCIe 3.0 x8 FHFL (in x16 slot)
DRIVE SUPPORT	24x Hot-swap 2.5" SATA (including 4x optional U.2 NVMe bays) 1x M.2 PCIe 3.0 x4 in 2260/2280/22110 form factor
NETWORK CONNECTIVITY	Intel® Dual port 10GBase-T (RJ45) from C622
POWER SUPPLY	2000W Redundant 80 Plus Titanium Efficiency



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