

## KEY FEATURES

Compact Mid-Tower chassis

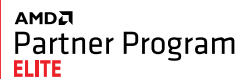
AMD 3rd Gen Ryzen or Ryzen Refresh CPU  
with up to 16 cores / 32 threads (Matisse)

Up to 128GB of DDR4,  
up to 4733MHz (OC) memory

Support for 2 PCIe M.2 NVMe SSDs

Up to 4 x 2.5/3.5" and 2 x 2.5" SATA SSD/HDD

Optional Liquid cooled CPU for maximum  
performance and whisper quiet operation



## BOSTON VENOM R31-10NP

### DESIGNED FOR BOTH PROFESSIONALS & GAMING ENTHUSIASTS

The Venom R31-10NP is powered by a 3rd Generation AMD Ryzen™ 3000/XT series processor, that features up to 16 cores or 32 threads running with up to 3.8GHz base and 4.7GHz of Max boost clock and supports up to 128GB DDR4 memory.

The latest AMD Ryzen™ 3000XT series brings performance per Watt enhancements and increased frequencies to the range. Improvements in the 7nm process have enabled AMD to deliver 4-5% performance increases in lightly threaded applications whilst simultaneously keeping core voltage and power consumption low. The Boston Venom R31-10NP supports for two GPU's with AMD CrossFireX™ support\*, two M.2 NVMe SSD's and up to four SATA drives. Crafted in a sleek mid tower chassis that focuses on silent operation and elegant, minimalistic design the Venom looks good in any environment.

A choice of dedicated AMD Radeon™ or NVIDIA RTX™ graphics card enables you to build your own optimised combination to match your apps and no sacrifice. With an impressive range of attributes, the Boston Venom R31-10NP is a great platform for everyday productivity, photo and video editing, post-production, motion graphics or even straight-up gaming.



#### 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.

\*Depending on the configuration

Venom is an award-winning range of enterprise workstations from Boston, designed for a myriad of applications and price-points. Venom enables professionals with leading-edge technology that removes bottleneck and helps accelerate the workflows.


Behind Venom are industry-leading R&D and Sales teams who are on hand to assist you in either an off-the-shelf purchase, or a more tailored specification including custom branding.

**VENOM**  
WORKSTATIONS

**LIGHTNING FAST  
HIGH-PERFORMANCE  
WORKSTATIONS**

**VISIT:** [BOSTON.CO.UK](http://BOSTON.CO.UK)

## SYSTEM SPECIFICATIONS

MODEL	BOSTON VENOM R31-10NP
	
FORM FACTOR	Mid tower
CHIPSET	AMD B550
PROCESSOR SUPPORT	Single socket AM4 supports AMD 3rd gen Ryzen™ 3, 5, 7, 9 series processors
MEMORY TYPE	DDR4 NON-ECC up to 4733MHz (OC)
MEMORY CAPACITY	Up to 128GB in 4x DIMM slots (2 channels)
GPU	Up to 2x AMD or NVIDIA® graphics card
EXPANSION SLOTS	1x PCIe 4.0 x16 FHFL 1x PCIe 3.0 x4 FHFL (in x16 slot) 2 PCIe 3.0 x1 FHFL
DISK SUPPORT	2x Fixed 2.5/3.5" & 2x Fixed 2.5" SATA (supports RAID 0/1/10) 1x M.2 PCIe 4.0 x4 in 2260/2280/22110 form factor 1x M.2 PCIe 3.0 x2 or SATA 6Gb in 2242/2260/2280 form factor
NETWORK CONNECTIVITY	Realtek RTL8111H Single port 1GbE (RJ45)
POWER SUPPLY	750W 80 Plus Gold Efficiency

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

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