

## KEY FEATURES

Mid Tower Chassis

Intel® Xeon® W-1300 with up to 8 cores / 16 threads

Up to 128GB of DDR4-3200 ECC memory

2x PCIe 4.0 x16, 2 PCIe 3.0 x1 slots

Support for 3 PCIe M.2 NVMe SSD's

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

Liquid cooled CPU for maximum performance and whisper quiet operation



## BOSTON VENOM 1007-10NP

### A SINGLE PROCESSOR, STARTER WORKSTATION FOR PROFESSIONALS

The Venom 1007-10NP is powered by an Intel® W580 chipset which is then paired with Xeon® W-1300 processor, featuring up to 8 cores / 16 threads and running with up to 5.3GHz with Intel® Thermal Velocity Boost and support for up to 128GB DDR4-3200 ECC memory.

This new platform brings several innovations such as brand-new integrated Intel® UHD P750 graphics, PCIe 4.0, AVX512 with Intel® Deep Learning Boost and Optane memory support. It also features technologies such as Intel Quick Sync that helps to speed-up the video encoding, and Intel AMT/vPro that enables enhanced security and manageability of the workstations in your business.

The Boston Venom 1007-10NP features two PCIe 4.0 x16 slots that support the latest generation of high bandwidth expansion cards such as NVIDIA RTX GPU's and Mellanox Network interface cards as well as two PCIe 3.0 x1 expansion slots and even legacy cards via a single 32-bit PCI slot. Storage is well catered for with three NVMe M.2 interfaces and up to four SATA hard drives or SSD's.



#### 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.

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 1007-10NP
	
FORM FACTOR	Mid tower
CHIPSET	Intel® W580
PROCESSOR SUPPORT	Single socket H (LGA 1200) supports Intel® Xeon® W-1300 series Processor
MEMORY TYPE	DDR4-3200 ECC Unbuffered
MEMORY CAPACITY	Up to 128GB in 4x DIMM slots (2 channels)
GPU	Up to 2x NVIDIA® or AMD graphics card
EXPANSION SLOTS	2x PCIe 4.0 x16 FHFL 2x PCIe 3.0 x1 FHFL 1x PCI 32-bit FHFL
DISK SUPPORT	2x Fixed 2.5/3.5" & 2x Fixed 2.5" SATA 1x M.2 PCIe4.0 x4 in 2280/22110 form factor 2x M.2 PCIe 3.0 x4 in 2280/22110 form factor
NETWORK CONNECTIVITY	1x Intel® I219LM Single port 1GbE (RJ45) 1x Intel® i225V Single port 1GbE (RJ45)
POWER SUPPLY	850W 80 Plus Gold Efficiency

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

All products and companies referred to herein are trademarks or registered trademarks of their respective companies or mark holders.

#202131