# BOSTON

Servers I Storage I Solutions

## KEY FEATURES

2U Rackmount chassis

2nd Gen AMD EPYC™ CPU support with up to 64 cores / 128 threads

Up to 8TB of DDR4 ECC memory (Hexa Channel)

Up to 4 NVIDIA® Quadro GPUs

Up to 12x Hot-swap 2.5"/3.5" SATA/SAS/NVMe

Supports VMware View and Citrix XenDesktop

Up to 256 GPU accelerated VDI sessions

**AMD Partner Program ELITE**

**SUPERMICRO®**

# BOSTON ROAMER 1200-0
## BUILT FOR PROFESSIONAL 3D ACCELERATED WORKLOADS

Providing consolidation of high-power workstations onto centralised servers, virtualised, and remotely accessed by creators anywhere in the world. Make your workstations part of the enterprise backbone.

The Boston Roamer 1200-0 is an ultra-high-end dual processor solution designed for teams of professionals that need the highest performance and latest 3D acceleration technology to get their creativity to the next level. It cuts through the most complex workflows with the latest NVIDIA GRID virtualization technology powered by up to 4 double-width NVIDIA Quadro PCI-E cards with up to 32 GB of memory each. Creators can leverage between 512MB (over 256 VDI sessions) and 48GB (as a single user) of vGPU frame buffer, enabling up to 4 displays with 7680×4320 resolution.

Featuring dual 2nd generation AMD EPYCTM procssesors, based on the "Zen 2" core architecture, thr Roamer 1200-0 can deliver 64 cores / 128 threads while boosting the clock speed up to 3.4 GHz. It also supports 8TB of DDR4 registered memory and 128 lanes of PCIe 3.0 for expansion cards and NVMe storage. The Boston Roamer 1200-0 is an excellent platform for 3D content creation applications such as Blender, Solidworks, AutoDesk 3DS Max, AutoDesk Revit, Cinema 4D, V-Ray and many more.

**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.

*Tailor made IT since 1992*   @bostonlimited   sales@boston.co.uk   www.boston.co.uk   +44 (0) 1727 876 100

Boston limited has been providing cutting edge technology since 1992 using Supermicro® building blocks, our high performance, mission–critical server and storage solutions can be tailored for each specific client, helping you to create your ideal solution.

From the initial specification, solution design and even full custom branding.



**BOSTON**
Servers | Storage | Solutions

"WE CAN HELP YOU SOLVE YOUR TOUGHEST BUSINESS CHALLENGES SIMPLY AND EFFECTIVELY."

**VISIT:** BOSTON.CO.UK

# SYSTEM SPECIFICATIONS

| MODEL | BOSTON ROAMER 1200-0 |
|---|---|
| |  |
| FORM FACTOR | 2U |
| CHIPSET | System on a chip |
| PROCESSOR SUPPORT | Dual socket SP3 supports 2nd Gen AMD EPYC™ Rome 7002 |
| MEMORY TYPE | DDR4 ECC Registered 3200MHz |
| MEMORY CAPACITY | Up to 8TB in 16x DIMM slots (8 channels) |
| GPU | Up to 4x double-width NVIDIA® GRID capable graphics card |
| EXPANSION SLOTS | 3x PCI-E 3.0 x16 FH, 10.5", 2x PCI-E 3.0 x8 FH, 10.5" 1x Internal PCI-E 3.0 x8 LP,HL |
| DISK SUPPORT | 4x Hot-swap 2.5"U.2 NVMe, 8x Hot-swap 3.5" SATA/SAS 1x Fixed 22x80mm NVMe M.2 |
| NETWORK CONNECTIVITY | Mellanox® MCX4121A-XCAT ConnectX® Dual port 10Gbe (SFP+) Intel® I210-AT Quad port 1GbE (RJ45), IPMI LAN port (RJ45) |
| POWER SUPPLY | 1600W Redundant 96 Plus Titanium Efficiency |

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