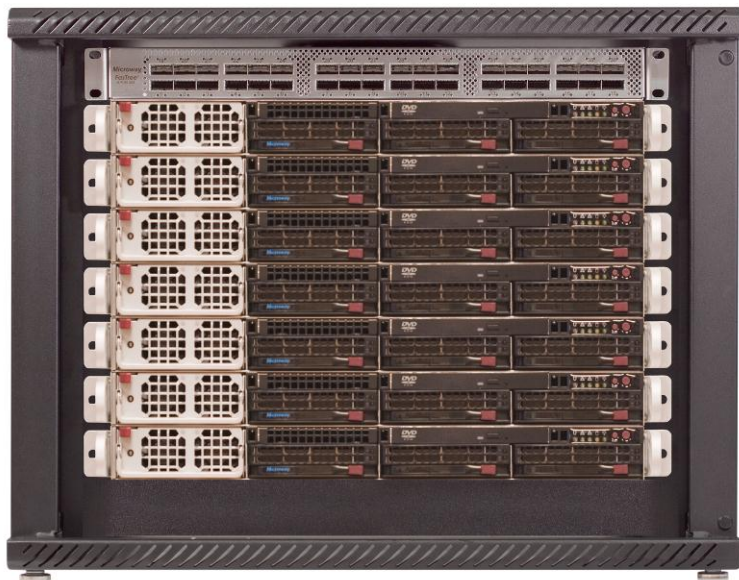


More TFLOPS, Fewer Watts with BioStack™

Modular · Extendable · Managed Tesla GPU Cluster for Life Sciences



SUPERCOMPUTER PERFORMANCE AT A FRACTION OF THE PRICE

The Microway BioStack-LS provides easy to use, dense computing power for life sciences applications. Scales to multiple 42U cabinets for massive processing needs.

84 CPU CORES AND 6297 GPU CORES IN 9U

- Total of 7.21 TFLOPs double precision GPU performance from 6297 CUDA cores (14.42 TFLOPs single)
- 7 NumberSmasher-LS Compute Nodes: each with 2 Tesla™ Fermi C2070 448 core + 6GB GDDR5 ECC GPUs
- 84 CPU Cores: all 6-core Intel Xeons, up to 3.06Ghz
- Microway 36 port FasTree™ InfiniBand switch
- NVIDIA CUDA™, OpenCL™ SDK, and choice of Tesla Bio Workbench application installed
- Bright Cluster Manager™ with RHEL, SUSE or CentOS Linux fully installed and integrated



INCREASE YOUR PRODUCTIVITY GET MORE FOR YOUR RESEARCH DOLLARS

Talk to a salesperson who speaks your language at
508-746-7341 or visit www.microway.com

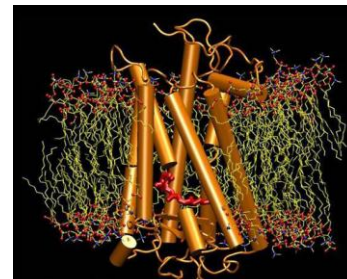


OFFERING HPC SOLUTIONS SINCE 1982

TESLA BIO WORKBENCH FOR LIFE SCIENCES

NVIDIA's Bio Workbench ensures that Tesla GPUs accelerate the following applications:

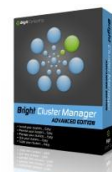
ACEMD, AMBER 11, BigDFT, GROMACS, GROMOS, HOOMD, LAMMPS, NAMD, OpenMM, OpenEye ROCS, PIPER Docking, TeraChem (QC), VMD, CUDA-BLASTP, CUDA-EC, CUDA-MEME, CUDASW++, GPU-HMMER, and MUMmerGPU



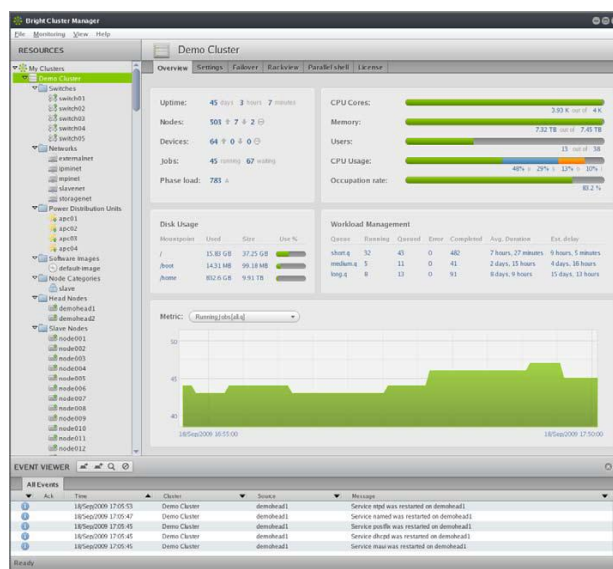
TESLA FERMI GPUS ACCELERATE APPLICATIONS UP TO 1000X OVER X86 CPUS

With a massively multi-threaded architecture, Tesla Fermi GPUs offer 448 processors per GPU, and GDDR5 ECC memory.

BRIGHT CLUSTER MANAGER FOR EASY, PROFESSIONAL MANAGEMENT



- Optimization for top throughput with continual health checks, automatic sidelining of troubled nodes
- Graphical displays of cluster utilization, open resources
- Low resource footprint: single daemon and database drives all processes



Schedule Number:
GS-35F-0431N