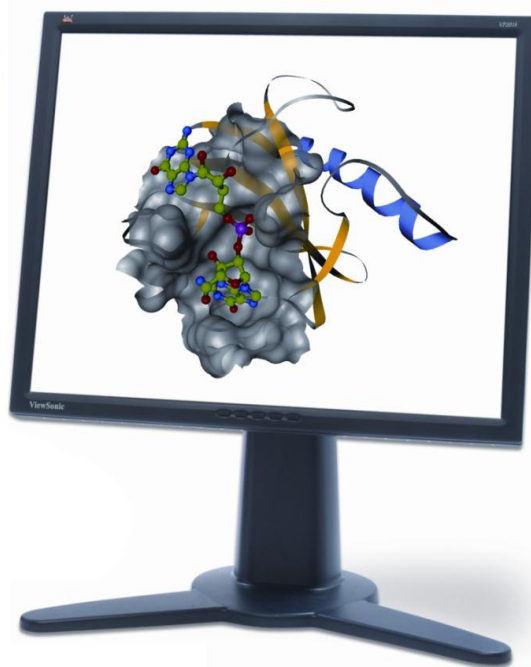


# Microway WhisperStation™ -Tesla PSC

Up to 4 TFLOPS in a Desktop Supercomputer!



## PUT MICROWAY'S TESLA EXPERTISE TO WORK FOR YOU

Microway's ultra-quiet WhisperStation-Tesla PSC can be used as a standalone desktop workstation or part of an HPC cluster. WhisperStation provides up to 12 CPU cores and 1792 GPU cores.

- Up to 4 NVIDIA® Tesla™ Fermi GPUs, each with:  
1.03 TFLOPS single precision, 515 GFLOPS double precision
- Extended, high-bandwidth GPU memory footprints:  
6 GB GDDR5 with Tesla C2075
- Six-Core Xeon® 5600 Series Processors
- Up to 18 DIMMs and 288 GB DDR3 Memory
- 80 PLUS™ certified power supplies
- Ultra-quiet fans and high-efficiency components
- Custom integration with Linux or Windows and CUDA SDK

The WhisperStation-Tesla PSC can be custom configured to exact user specifications with SSDs, RAID, NVIDIA Quadro® professional graphics, LCDs, and specialized software.



Schedule Number:  
GS-35F-0431N



## TESLA FERMI GPU ARCHITECTURE

With a massively multi-threaded architecture, Tesla Fermi GPUs offer up to 448 processors per GPU, two DMA engines, concurrent kernel execution, ECC memory, and over 4x the double precision performance over consumer GPUs.

**Tesla GPUs can provide up to a 1000x speedup over today's CPUs.**

## INSTALLED AND INTEGRATED WITH THE FOLLOWING:

- NVIDIA CUDA™ Software Development Kit
  - BLAS and FFT Math Libraries Included
  - CUDA Visual Profiler
- Microway OpenCL Toolkit: SimpleCL™ and CLIDE™ for easy cross-platform OpenCL development
- PGI Accelerator™ C/C++/Fortran for CUDA GPUs
- OpenCL support including Visual Profiler

## ACCELERATED APPLICATIONS AVAILABLE NOW

**3ds Max®**, **AccelerEyes™ Jacket**, **ACUSIM AcuSolve™**, **AMBER**, **ANSYS Mechanical**, **BigDFT**, **CST MICROWAVE STUDIO®**, **GROMACS**, **GROMOS**, **HOOMD**, **LAMMPS**, **MATLAB®**, **NAMD**, **TeraChem**, **VMD**, **CUDA-BLASTP**, **CUDA-EC**, **CUDA-MEME**, **CUDASW++**, **GPU-HMMER**, and **MUMmerGPU**

Call our sales team at 508-746-7341  
or visit [www.microway.com](http://www.microway.com)