

Pegasus GPU™

The Pegasus GPU™ workstation from Scalable Informatics provides a low cost deskside system with many processor and Graphics Processing Unit (GPU) cores, significant memory capacity, and high speed disk and network connectivity, designed to help you tackle your most difficult problems.

Low-Cost Supercomputing

High performance computers are often rack-mounted in a separate server room, with specific electricity and cooling system requirements – an investment typically made for use of the system by multiple groups.

Stationing a supercomputer beside your desk not only allows you to perform runs at your convenience, without having to schedule them around other people's projects, but their quiet running requires no special power or cooling setups. Just plug, program, and go.

Configuration Options

SYSTEM ARCHITECTURE	
4 to 24 AMD or Intel Cores	
8 to 256 GB System Memory	
Linux, Windows, Open Solaris, or BSD OS	
FEATURES	
<ul style="list-style-type: none"> Excellent Performance Low noise Multiple NVIDIA graphics/GPU options, including multiple CUDA capable processing 	<ul style="list-style-type: none"> Multiple PCI-e slots USB 2.0, Firewire 800 DVD+/-RW NEW: Cell-accelerator options
<ul style="list-style-type: none"> Multiple Gigabit ports 10 GbE/InfiniBand options 500GB to several TB fast local disk 	
APPLICATIONS	
<ul style="list-style-type: none"> Desktop: high-end business desktop, presentation or media system CAE workstation: CFD, CSM Scientific/Research workstation: Chemistry, Informatics, Geophysics, Molecular Dynamics, Physics; Biocomputing bundle with FPGA, cell and/or GPU acceleration and web interface 	
STANDARD WARRANTY	WARRANTY OPTIONS
<ul style="list-style-type: none"> 1 year parts exchange 	<ul style="list-style-type: none"> Extended Warranty and next business day parts Remote support Depot on site

Taking Tesla to the Next Level

Powered by NVIDIA Tesla™, the Pegasus-GPU workstation combines up to 3 GPUs with a powerful computing substrate of 4-24 processor cores, 16-256 GB RAM, and up to 40, 2.5" SATA/SAS drives to provide high performance I/O.

Not an Ordinary Workhorse

Pegasus systems provide true deskside supercomputing. Utilizing the latest multi-core processors with NVIDIA graphics and CUDA processing power that define "high performance," your tasks won't simply run, they will take flight.



Usable As:

- Desk-side supercomputer
- CAE Workstation
- Scientific/Research Workstation

Options

- Fast RAID I/O
- Up to 40 drives (2.5" SATA/SAS)
- Gigabit/ 10GbE/ InfiniBand

About Scalable Informatics

Scalable Informatics is a privately-owned, high performance computing solutions company focused on delivering pragmatic solutions for your computational problems. We design, build, and support high performance cluster, storage and workstation hardware, scalable and accelerated software, and offer support, consulting and development services.

Contact Us

www.scalableinformatics.com
 info@scalableinformatics.com
 734.786.8423 (voice)
 866.888.3112 (fax)