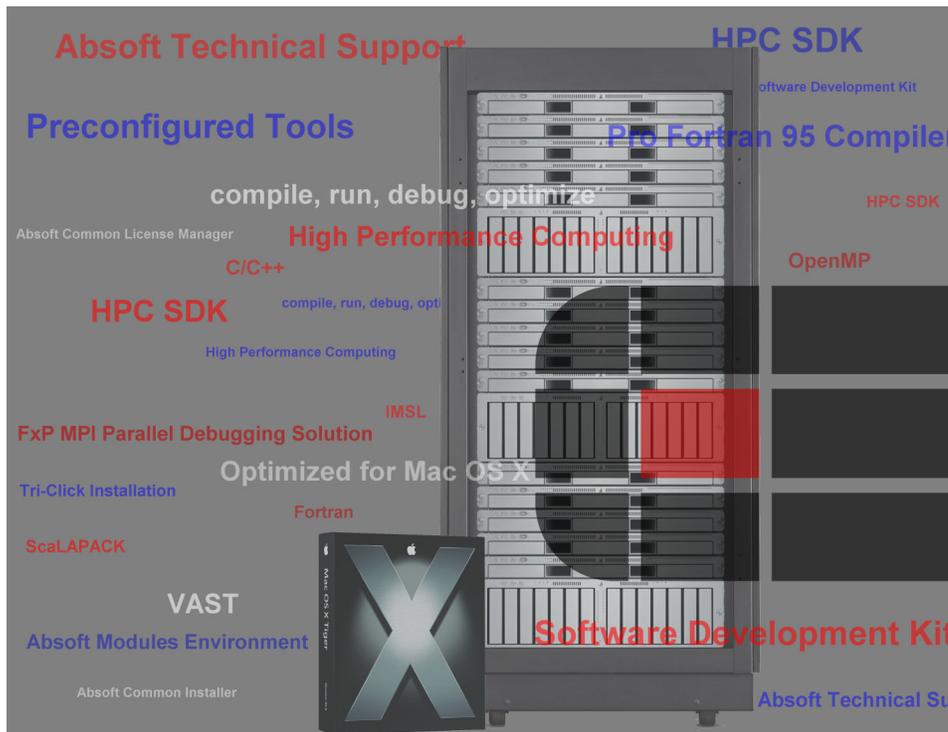


# High Performance Computing Software Development Kit™ for Mac OS X



## The new HPC SDK for Mac OS X

The Absoft High Performance Computing Software Development Kit (HPC SDK) for Mac OS X makes cluster computing a reality for small to large-sized organizations. Delivered in a single, integrated software package, the new HPC SDK includes the critical tools that developers need to build and run high performance computing applications for Mac OS X.

## Includes the industry's 'Best of Breed' tools

Included with the Absoft HPC SDK are:

- Pro Fortran 95 Compiler
- FxP MPI Parallel Debugging Solution
- LAM/MPI and MPICH2- for parallel MPI execution
- VAST Auto-vectorization, Auto-parallelization, and OpenMP
- ScaLAPACK, LAPACK95, ATLAS, and other open source components included preconfigured
- Absoft Modules Environment with NEW Dashboard support
- Absoft Examples and Benchmarks
- IMSL Fortran Numerical Libraries
- 12 months of technical support, maintenance and updates

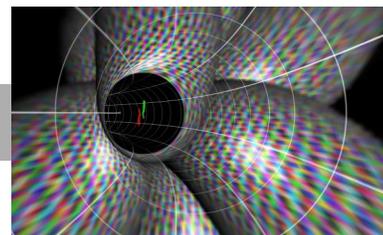
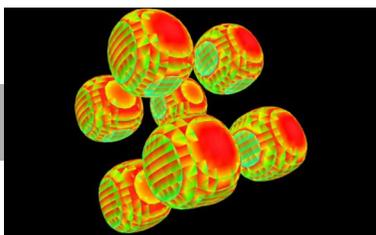
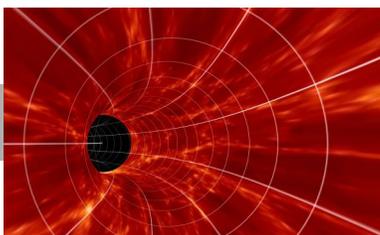
These software components help developers easily compile, debug, run and optimize high performance computing applications. Common license management for all tool components simplifies deployment, administration, and maintenance.

## Highlights

- **A complete software development environment for high performance computing**
- **Enjoy instant deployment to start compiling and running high performance computing applications quickly**
- **Expand functionality to meet unique application development requirements**
- **Quick and simple, CD based installation**

## The right solution for HPC Developers

Scientists, engineers and researchers are choosing clustered servers as the preferred solution for large, complex, computational, and data-intensive problems. Clusters have proven to be a cost-effective method for managing mixed HPC workloads. It is common today for clusters to be used by large corporations, universities and government labs to solve problems in life sciences, petroleum exploration, structural design, high-energy physics, finance and securities, and many more application areas requiring high performance computing.





Absoft's Graphical Dashboard Widget allows for quick and easy switching between 32-bit and 64-bit environments, libraries, and other HPC tools. You can save your environment settings "on the fly".

### Simplify design and optimization

The HPC SDK provides a complete software development environment for high performance computing. The solution is easy to install, simple to use, and incorporates best-of-breed high performance computing development tools designed for Mac OS X.

### Easy to use

HPC developers will encounter a simple, intuitive environment making it easier to focus on the development cycle. The HPC SDK makes cluster development pleasant and productive for beginner and advanced developers alike.

Experienced users will appreciate the HPC SDK's ability to customize the development environment. Switching between compilers, modifying development environments, adding additional tools and changing the configuration is simple and easy using the Absoft Modules Environment with NEW Dashboard support.

### Room to grow

The HPC SDK will grow with you in the future, allowing for installation of best of breed add-ons to enhance the base SDK to further improve productivity and performance.

The HPC SDK is also scalable, perfect for small clusters to thousands of nodes.

### An outstanding combination

With the 64-bit features of Mac OS X Tiger and the easy to use Absoft HPC SDK, you can now build and run a new generation of 64-bit applications that address up to four billion times as much memory as 32-bit applications.

Absoft's HPC SDK for Mac OS X helps achieve a highly reliable environment and mission critical performance to fuel high performance application designs.

### Leverage Apple's cutting-edge technology

The latest version of Apple's powerful UNIX-based operating system, Mac OS X v10.4 Tiger, is loaded with a number of cutting edge technologies that translate into new and interesting opportunities for almost every type of developer.

The 64-bit support in Tiger enables the 64-bit addressing for the next generation of data-intensive applications, such as those working with gene sequencing, advanced medical imaging, and geospatial applications.

### About Absoft Corporation

Based in Rochester Hills, Michigan, Absoft Corporation is a world leader in software development tools. Since 1980, Absoft has led the scientific and engineering software community by introducing the first commercial 32-bit Fortran compilers for Macintosh, Windows-NT, Linux and HPC environments.

Absoft is the sole provider of source-compatible Fortran and debugging solutions for all of today's leading computing platforms. Major educational institutions, research laboratories, and Fortune 2000 companies use Absoft tools worldwide.

### For more information:

To learn more about HPC SDK, visit [www.absoft.com](http://www.absoft.com)

Learn more about Mac OS X at [www.apple.com/macosex/](http://www.apple.com/macosex/)

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