

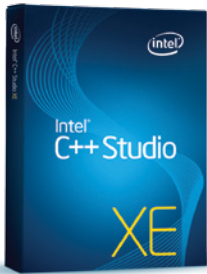
Advanced Performance

Intel® Parallel Studio XE



This comprehensive tool suite provides C/C++ and Fortran developers the tools they need to improve quality, enhance productivity, and boost performance on today's and tomorrow's multicore processors. It combines industry-leading Intel® C++ and Fortran compilers and libraries with advanced error and security checking and profiling on Linux* and Windows*.

Intel® C++ Studio XE



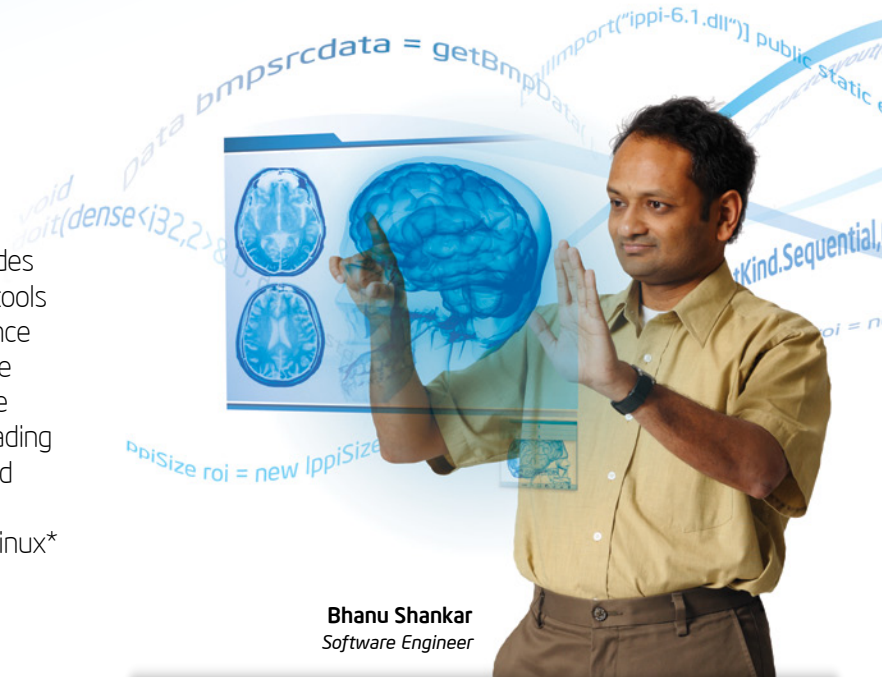
Developers requiring only the C++ Compiler enjoy the same suite of tools provided in Intel Parallel Studio XE, minus the Intel® Fortran Compiler.

Intel® Fortran Studio XE



For those needing only the Intel Fortran Compiler, this suite provides all the tools found in Intel Parallel Studio XE except the C++ Compiler.

Suite	C/C++ Compiler	Fortran Compiler
Intel Parallel Studio XE	☑	☑
Intel C++ Studio XE	☑	
Intel Fortran Studio XE		☑
Intel® Fortran Visual Studio XE		☑



Bhanu Shankar
Software Engineer

Compilers and high-performance libraries Intel® Composer XE Compiler Suite

Develop and maintain high-performance C/C++ and/or Fortran applications that fully utilize advanced multicore capabilities. Intel Composer XE products combine built-in optimizations like auto-vectorization and auto-parallelization with libraries and Intel® Parallel Building Blocks (Intel® PBB). Intel PBB and the libraries make it easier to create the reliable and scalable threaded code needed to achieve multicore processor performance. The suite also includes static security analysis (SSA), which identifies errors and security weaknesses through deep analysis of source code.

Powerful memory and threading checker Intel® Inspector XE

This powerful, easy-to-use threading and memory checker is for C, C++, C#, .NET, and Fortran developers seeking to improve software quality and developer productivity by finding crucial defects early in the development cycle.

Advanced performance profiler Intel® VTune™ Amplifier XE

A powerful threading and performance profiler, this tool benefits C/C++ and Fortran developers who need to understand an application's serial and parallel behavior to improve performance and scalability.