

We are pleased to introduce the products from Intel ,U.S.A . Intel software development tools, Intel offers industry-leading C++ and Fortran compilers with optimization features and multithreading capabilities, highly optimized performance libraries, and error-checking, security, and profiling tools, allowing developers to maximize application performance, security, and reliability. Choose the software development products designed to enhance your development lifecycle.

**Create faster code:** Boost application performance that scales on current and future Intel platforms.

**Build code faster:** Simplify the process of creating parallel code.

**Who Needs This Product:**

- ☞ Technical compute developers: HPC software developers, domain specialists, students, & educators.
- ☞ Enterprise and cloud application developers: Software developers, business analysts, & data analysts.

**What's New in 2019**

**Modernize Code for Performance, Scalability, and Portability:**

- ☞ Write applications that scale with improved parallel performance on the latest Intel® Xeon® & Intel Core™ processors using Intel® Advanced Vector Extensions 512 (Intel® AVX-512) instructions
- ☞ Gain greater scalability and reduce latency with next generation Intel® MPI Library
- ☞ Vectorize and thread your code (using OpenMP\*) to take advantage of the latest SIMD-enabled hardware, including Intel AVX-512
- ☞ Speed up machine learning by enabling new high performance Python optimizations with Intel® Distribution for Python\* and Intel® Data Analytics Acceleration Library (Intel® DAAL)
- ☞ Stay up to date with the latest standards and integrated development environments (IDE):
  - Full C++14 and expanded C++ 2017
  - Full Fortran 2008 and partial Fortran 2018
  - Microsoft Visual Studio\* 2017 integration
  - Python 2.7 and 3.6
  - Full OpenMP 4.5 and initial OpenMP 5.0 draft

**Choose the Version That's Right for You:**



**Build:** Intel® Parallel Studio XE 2019 Composer Edition includes industry-leading C++ & Fortran compilers, performance libraries, standards-based parallel models, and performance-optimized Python. Build fast code, faster.



**Analyze:** Intel® Parallel Studio XE 2019 Professional Edition includes a complete selection of compilers and libraries. Build your capabilities with a performance profiler, optimized vectorization, threading prototyping, and debugging tools for memory and threads.



**Scale:** Intel® Parallel Studio XE 2019 Cluster Edition is our flagship suite. It includes all tools from the other versions, plus an MPI library, an MPI tuning and analysis tool, and an advanced cluster diagnostic system.

**Please visit:** <https://gte-india.com/high-performance-computing/intel-compilers>

**For more information, please contact:**