

Scale your apps forward on today's and tomorrow's hardware

BOOST PERFORMANCE TODAY, GET GREAT PERFORMANCE TOMORROW

Intel® Parallel Studio XE provides C/C++ and Fortran developers:

- cutting edge performing compilers and libraries
- the right parallel programming models
- complementary and compatible analysis tools.

It plugs seamlessly into Visual Studio* (on Windows*) and the GNU tool chain (on Linux*).

Intel® Parallel Studio XE 2013

Intel® Parallel Studio XE 2013 combines industry-leading compilers, performance and parallel libraries, error checking and performance profiling tools for C/C++ and Fortran.

Selling Messages

Intel® tools:

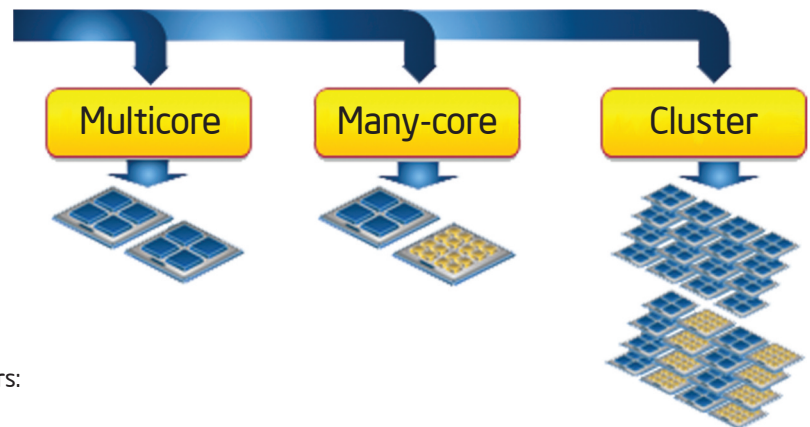
- maximize application performance on today's and tomorrow's processors.
- preserve customer investments in existing development environments.
- take advantage of the latest performance enhancements delivered by the newest Intel processors.
- support a broad array of operating systems, x86 platforms (including some from AMD*), IDEs, and technology standards.
- support more cores, more threads, and wider vectors.

Customer questions to watch for:

- "I use C++" or "I use Fortran"
- Software performance is important to my business
- "I use MS Visual Studio" or "I develop on Linux"
- "Do you have software tools for parallelism?"

Key industries to watch for:

Enterprise apps, Oil & Gas, Manufacturing, Games development, Medical technology, Military apps, Finance, Research & Development.



Intel® Cluster Studio XE 2013

Intel® Cluster Studio XE 2013 includes all components from Intel Parallel Studio XE plus Intel MPI tools. This suite enables software developers to boost performance on multicore, many-core and cluster systems.



FEATURE COMPARISON			Intel® Parallel Studio XE	Intel® Cluster Studio XE
Composer XE	C++ optimizing compiler		✓	✓
	Fortran optimizing compiler		✓	✓
	Co-Array Fortran		✓	✓
	Profile guided optimization		✓	✓
	Parallel Debugger Extension		✓	✓
	Threading libraries (Intel® TBB)		✓	✓
	Threaded Performance libraries (Intel® IPP)		✓	✓
	Threaded math libraries (Intel® MKL)		✓	✓
Inspector XE	Memory and thread analysis		✓	✓
	Advanced memory, thread analysis		✓	✓
	Static Security Analysis		✓	✓
VTune™ Amplifier XE	Hotspot, concurrency, locks and waits profiling		✓	✓
	Timeline, frame analysis		✓	✓
	Event-based sampling		✓	✓
	Source view		✓	✓
	Assembly view		✓	✓
Parallel Advisor XE	Threading advice for serial applications		✓	✓
Cluster Tools	Intel® MPI Library	Optimized MPI library		✓
	Intel® Trace Analyzer and Collector	MPI timeline view, MPI event view		✓
		Find MPI deadlocks, data corruption, parameter errors	✓	✓
User Interface and Support	Microsoft Visual Studio* integration		✓	✓
	Standalone graphical interface		✓	✓
	Command line		Advanced	Advanced
	Support: Intel® Premier Support (includes forums)		Premier	Premier

LICENSING/SUPPORT AND MAINTENANCE

Purchase includes two components:

1. A perpetual license to use the software — no time-out
2. A fixed-term (one-year) support services subscription — technical support and product updates.

The support model is online through the Intel® Software Developer Support page: <https://premier.intel.com>

Support Services Renewals (SSR):

- At the end of the fixed term the customer may renew the support services subscription.
- By maintaining current support, the customer is assured of getting any new releases.

Upgrades From previous versions:

- The customer can upgrade from previous versions to the Intel Parallel Studio XE and/or Intel® C++ Studio XE and/or Intel Cluster Studio XE suites.

Licensing Models:

- Single User: the most common licensing model. Products are priced on a “per individual (named) user” basis. You will need to know the number of individual developers requiring product licenses.
- Floating: Several users can share licenses at the same time on several systems (“concurrent user” or “shared licenses”). The licenses are managed from a licensing server. Users can request up to the maximum number of shared licenses. As soon as a license is released from one user, another user can request it. Possibilities: two-seat or five-seat licenses.

Expected changes to the support subscription model as of Nov 13, 2012

- New customers — Support services (the activation date) will start when the license is purchased
- Renewal pre-subscription expiration — Same serial number is extended 12 additional months, starting after expiration date.
- Renewal post-subscription expiration — Support subscriptions will start at purchase of the renewal license. A new 12-month license is issued.

SUITES >>		Intel® Cluster Studio XE	Intel® Parallel Studio XE	Intel® C++ Studio XE	Intel® Fortran Studio XE	Intel® Composer XE	Intel® C++ Composer XE	Intel® Fortran Composer XE
Components	Intel® C/C++ Compiler	✓	✓	✓		✓	✓	
	Intel® Fortran Compiler	✓	✓		✓	✓		✓
	Intel® Integrated Performance Primitives ³	✓	✓	✓		✓	✓	
	Intel® Math Kernel Library ³	✓	✓	✓	✓	✓	✓	✓
	Intel® Cilk™ Plus	✓	✓	✓		✓	✓	
	Intel® Threading Building Blocks	✓	✓	✓		✓	✓	
	Intel® Inspector XE	✓	✓	✓	✓			
	Intel® VTune™ Amplifier XE	✓	✓	✓	✓			
	Static Analysis	✓	✓	✓	✓			
	Intel® MPI Library	✓						
	Intel® Trace Analyzer & Collector	✓						
Operating System ¹		W, L	W, L	W, L	W, L	W, L	W, L, M	W, L, M

* Upgrade Promotion — Customers with an expired maintenance agreement must purchase a Maintenance Renewal (SSR) of the component in addition to the upgrade. Single-seat license.

MORE INFORMATION / CONTACTS

Product information: <http://software.intel.com/en-us/intel-sdp-home>

Pricing and ordering information: <http://software.intel.com/en-us/articles/intel-software-products-reseller-center/#authorizeddistributors>

Contact Intel: softwarechannel@intel.com

TRY A FREE 30-DAY TRIAL!

To download a free evaluation of Intel Parallel Studio XE, Intel Cluster Studio, and/or Intel Cluster Studio XE, visit: www.intel.com/software/products/eval



WHY CUSTOMERS SHOULD UPGRADE OR RENEW THEIR SUBSCRIPTION

Upgrading customers will get:

- All of the capabilities of the tools suite, including Intel VTune™ and Intel® Inspector, plus the Intel® libraries, plus another year of Intel® Premier Support.

Renewing customers will get:

- Great application performance on tomorrow's hardware.
- Tools that run in their existing development environments.
- Continued access to latest performance enhancements delivered by the newest Intel® processors.
- Support a broad array of operating systems, x86 platforms (including some from AMD*), IDEs, and technology standards.

Intel Serial Number Identifier

Gives customers the renewal sku # they need to purchase to extend their subscription.

<https://registrationcenter.intel.com/RegCenter/Serialnumberlookup.aspx>

This is a public s/n identifier site for customers and channel partners. Enter any s/n and determine the product, type of license, and the expiration date.

Upgrade Promotion for Intel Composer XE products: Sept 5, 2012 to Dec 31, 2012

Eligibility: Existing C++ Composer XE, Fortran Composer XE and Composer XE product customers who have a currently supported product that was purchased or renewed before July 1, 2012.

Composer single-seat license customers:

- 40% of the Studio XE price for Commercial.
- 50% of the Studio XE price for Academic.

Composer floating license customers:

- Floating license upgrade prices may be even more attractive to your customers. Check the price list.

September thru November 13th		Upgrade To				
Product Upgrade Options		Intel® Parallel Studio XE	Intel® C++ Studio XE	Intel® Fortran Studio XE	Intel® Cluster Studio	Intel® Cluster Studio XE
MSRP		\$2,299	\$1,599	\$1,899	\$2,049	\$2,949
SSR		\$949	\$649	\$799	\$849	\$1,199
UPGRADE PRICE		\$1,849	\$1,299	\$1,549	\$1,649	\$2,399
Current Products	Intel® C++ Composer XE	✓	✓		✓	✓
	Intel® Fortran Composer XE	✓		✓	✓	✓
	Intel® Composer XE	✓			✓	✓
	Intel® VTune™ Amplifier XE	✓	✓	✓		✓
	Intel® Inspector XE	✓	✓	✓		✓
	Intel® C++ Studio XE	✓				✓
	Intel® Fortran Studio XE	✓				✓
	Intel® Parallel Studio XE					✓
	Intel® Cluster Toolkit				\$399	\$599
	Intel® Cluster Studio					✓

OPTIMIZATION NOTICE

Intel®'s compilers may or may not optimize to the same degree for non-Intel® microprocessors for optimizations that are not unique to Intel microprocessors. These optimizations include SSE2, SSE3, and SSSE3 instruction sets and other optimizations. Intel® does not guarantee the availability, functionality, or effectiveness of any optimization on microprocessors not manufactured by Intel®. Microprocessor dependent optimizations in this product are intended for use with Intel® microprocessors. Certain optimizations not specific to Intel microarchitecture are reserved for Intel microprocessors. Please refer to the applicable product User and Reference Guides for more information regarding the specific instruction sets covered by this notice.

Notice revision #20110804