

Intel® Xeon Phi™ Starter Kits

Go Parallel. Get Your Starter Kit Today.

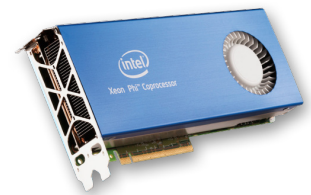


Parallel is the Path Forward

More organizations than ever are looking to complement their next technical server with an accelerator or coprocessor. Now, with the arrival of the NEW Intel® Xeon Phi™ coprocessor starter kit, there's never been a better time to go parallel. ¹

Why Intel® Xeon Phi™ Coprocessors?

Intel® Architecture compatibility means that you can focus more time on solving your most important problems and less time learning a new programming model. Moreover, your parallel code optimizations will simultaneously optimize parallel performance on Intel® Xeon® processors and Intel® Xeon Phi™ coprocessors. With up to 61 cores, 244 threads, 512-bit vectors, and 352 GB/s memory bandwidth, the Intel® Xeon Phi™ product family delivers breakthrough performance and maximum ROI. ^{2,3,4,5}



Getting Started

Ready to go parallel? We're excited to offer several complete solutions for the Intel® Xeon Phi™ coprocessor starter kit. Everything you need to get started is inside, including the latest Intel® Xeon Phi™ coprocessors, Intel® software tools, programming guides, and much more.

Intel® Xeon Phi™ Workstation Starter Kit

The Intel Xeon Phi Workstation Starter Kit contains:

- Cirrascale GB1425 Workstation Blade
 - Intel® Xeon® Processor E5-1620 v2 Series
 - 32GB DDR3 ECC 1866MHz RAM
 - 1TB 3.5" SATA Hard Drive
 - Dual Gigabit LAN, plus IPMI
- Intel® Xeon Phi™ 3120A Coprocessor
- Intel® Parallel Studio XE 2013
- Intel® Xeon Phi™ Coprocessor High Performance Programming Guide
- Parallel Programming and Optimization with Intel® Xeon Phi™ Coprocessors Guide
- Quick Start Guide Including the TOP 10 Actions to Get Started

Configurations Starting at \$4,449

Intel® Xeon Phi™ Server Starter Kit

The Intel Xeon Phi Server Starter Kit contains:

- Cirrascale GB1416 Server Blade
 - Dual Intel® Xeon® Processor E5-2643 v2 Series
 - 64GB DDR3 ECC 1866MHz RAM
 - 240GB 2.5" SSD Hard Drive
 - Dual 10GbE LAN, plus IPMI
- Intel® Xeon Phi™ 5110P Coprocessor
- Intel® Cluster Studio XE 2013
- Intel® Xeon Phi™ Coprocessor High Performance Programming Guide
- Parallel Programming and Optimization with Intel® Xeon Phi™ Coprocessors Guide
- Quick Start Guide Including the TOP 10 Actions to Get Started

Configurations Starting at \$10,099

¹ Source: IDC HPC Market survey, April 2013

² Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations, and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more information, go to www.intel.com/performance.

³ Claim based on calculated theoretical peak double precision performance capability for a single coprocessor. 16 DP FLOPS/clock/core * 61 cores * 1.238 GHz = 1.208 TeraFLOPS.

⁴ Results have been estimated based on internal Intel analysis and are provided for informational purposes only. Any difference in system hardware or software design or configuration may affect actual performance.

⁵ 2-socket Intel® Xeon® processor E5-2670 server versus a single Intel® Xeon Phi™ coprocessor 7120P (Intel Measured DGEMM performance per watt score 309 GF/s at 335W versus 829 GF/s at 195W).