Architecture for Discovery

Growing Intel® Xeon Phi™ Coprocessors
Ecosystem Adoption

Companies Offering Intel® Xeon Phi™ Coprocessor-Based Systems

Intel® Xeon Phi™ coprocessors, based on the Intel® Many Integrated Core (MIC) architecture, complements the industry-leading performance and energy-efficiency of the Intel® Xeon® processor E5 family to enable dramatic performance gains for some of today's most demanding highly parallel applications. The following companies have announced support of Intel Xeon Phi coprocessor-based solutions.

www.bull.com/extreme-computing/xeonphi.html

For information, contact Pascale Bernier-Bruna at +33-(0)-1-30-80-70-00 or email: pascale.bernier-bruna@bull.net

"Our benchmark team has been testing Intel® Xeon Phi™ coprocessors for several months now. We found that the coprocessors provide incredible parallel performance while minimizing code porting time. We are proud to state that our bullx servers will include Intel Xeon Phi coprocessors to bring customers high value-added HPC solutions."

– Michel Guillemet, VP Innovative Products, Bull

www.colfax-intl.com/xeonphi/

For information, contact Mike Fay at 408-730-2275 or email: mike@colfax-intl.com

"Colfax has consistently been first to market with innovative solutions that maximize performance for our customers in high performance computing (HPC) and enterprise segments. Thanks to our close relationship with Intel and engagement in the early testing program, Colfax is uniquely qualified and positioned to provide a complete portfolio of products to support the Intel® Xeon Phi™ coprocessor."

– Gautam Shah, CEO, Colfax International

www.cray.com/About/Partners/Solutions-Intel.aspx

For information, contact **Maria McLaughlin** at **408-888-6661**
or email mmclaugh@cray.com. Or contact **Jay Gould**
at **206-902-7520** or email jaygould@cray.com

"The Intel® Xeon Phi™ coprocessors are currently available in our Cray Xtreme-X* product line, and will soon be available in our new, high-end Cray XC30* supercomputer. The Intel® MIC Architecture features a strong balance of performance, programmability and power efficiency, and combining the Intel Xeon Phi coprocessors with our innovative supercomputing technologies allows us to provide our customers with a comprehensive portfolio of supercomputing solutions that are unmatched for balance, scalability, reliability and price/performance on real-world applications."

– Barry Bolding, Vice President of Corporate Marketing, Cray Inc.

www.dellhpcsolutions.com/XeonPhi

For information, contact your local Dell representative

"Intel® Xeon Phi™ coprocessors will complement the Dell servers most often used by our HPC customers, enabling those customers to spend more time discovering and less time developing. Texas Advanced Computing Center's Stampede cluster built with Dell's C8220x* will use the Intel Xeon Phi coprocessor in some of the most critical areas of discovery in science and research."

– Sally Stevens, Vice President of Server Platform Marketing, Dell Computers

EUROTECH

www.eurotech.com/en/hpc/hpc+solutions/
Aurora+HPC+Systems/Aurora+Tigon
For information, email Giovanbattista Mattiussi:
giovanbattista. mattiussi@eurotech.com

"Leveraging Intel® Xeon Phi™ coprocessors and the Eurotech HPC engineering capabilities, the Aurora Tigon* successfully combines performance, energy efficiency and programmability. With the Intel Xeon Phi coprocessor entirely hot-water cooled, the Aurora Tigon brings together three distinctive advantages: energy savings, an incredible parallel performance and ease of program. In other words, it allows users to decrease time to solution, complexity and energy bills, all with the deployment of a single HPC system!"

– Giampietro Tecchiolli, Executive VP and CTO, Eurotech Group

FUJITSU

www.fujitsu.com/fts/products/computing/servers/primergy/
For information, visit www.fujitsu.com/fts/about/fts/contact/index.html

"Fujitsu is excited to begin taking preorders for PRIMERGY RX350* and CX400* systems with Intel® Xeon Phi™ coprocessor 5110P. We are also announcing future support for Intel Xeon Phi coprocessors on our PRIMERGY TX300 system and CELSIUS* workstation. We expect Intel Xeon Phi coprocessors integrated in PRIMERGY to provide incredible parallel performance and minimize our customers time to solution by using a familiar programming model and leveraging existing code."

– Naoya Tamura, General Manager Global HPC, Fujitsu Technology Solutions GmbH

hp

www.hp.com

"The pursuit of innovation in research and digital media drives HPC users like NREL and DreamWorks to seek increasing levels of application performance, Integrating Intel® Xeon Phi™ coprocessors into the dense and intelligent infrastructure of HP ProLiant* Gen8 servers allows us to deliver maximum computational power to our customers."

– Paul Santeler, Vice President and General Manager, Hyperscale Business Unit, HP

IBM

info.platform.com/WP_Acceleratingparalelprocessingwhile
simplifyingheterogeneousenvironmentmanagement.html

For information, contact your local IBM representative

"IBM is expanding our relationship with Intel, enabling the IBM Platform HPC management software to provide built-in management support for Intel® Xeon Phi™ coprocessors, automatically allocating the coprocessors to applications best suited to use them. As a result, applications can run more quickly — speeding client results while providing improved system management and infrastructure utilization. The IBM System x iDataPlex dx360 M4 will be IBM's first server enabled for the Intel Xeon Phi coprocessors and will be shipping broadly to clients with Intel's general availability date."*

– Bob Galush, Vice President, IBM

inspur 浪潮

hpc.inspur.com/products/hardware/20029.shtml

For information, contact Shilei Liu at +86-10-82581051

"We are happy to announce that we are taking orders today and shipping the NF5280M3 systems with Intel® Xeon Phi™ coprocessor 5110P. We will also support the future versions of the Intel Xeon Phi coprocessor once they are launched. Inspur had more than 1 year of cooperation with Intel on Xeon Phi system development. We believe these new systems will provide excellent performance by familiar programming model, and reduce migration workload by using existing code."*

– Qing Zhang, Chief Architect of Inspur HPC Business, Inspur Worldwide Services Ltd.

Empowered by Innovation

NEC

www.nec.co.jp/products/pcserver/hr120a1/index.shtml

"NEC Corporation is excited to announce that our Express5800 server series will support the new Intel® Xeon Phi™ coprocessor to provide leading-edge parallel performance in segments like real-time image processing applications. We also plan to support Intel Xeon Phi coprocessors in our HPC cluster solution LX* series server lineup. We would like to continue to deliver the highest levels of parallel solutions to our customers closely partnering with Intel."*

– Takao Maruyama, Associate Senior Vice President, NEC Corporation

sgi

"The SGI UV 2000* is a cache-coherent shared memory system just like your workstation, except that it scales well beyond the industry scale-up limit of eight sockets and Terabytes of memory. Now, when the sockets can be paired with Intel® Xeon Phi™ coprocessors, the combination provides in-memory computing at an extreme scale. Customers such as The Genome Analysis Centre and COSMOS can accelerate finding answers to the most data-intensive challenges on a platform which can run many of the software tools that scientists, developers and analysts are familiar with on their Linux* workstations or desktops."

– Dr. Eng Lim Goh, CTO, SGI

SUPERMICRO®

"Supermicro supports Intel® Xeon Phi™ coprocessors across our high-performance server and workstation product lines. Our computing platforms achieve higher parallel processing capability with the Intel® MIC architecture based on Intel Xeon Phi. Unified with Intel® Xeon® processors utilizing common instruction sets and Intel Xeon Phi multiple programming models, it is easier to port parallel computing applications in the hybrid environment and take advantage of the powerful processing resources of Supermicro's HPC platforms. This opens the door for engineering, scientific and research fields to dramatically accelerate application performance with minimal investment in development."

– Tau Leng, Vice President of HPC, Supermicro

acer

us.acer.com/ac/en/US/content/group/servers

For information, email: hpcsolutions@acer.com

ASUS®

www.asus.com/server_workstation/
servers/ESC4000FDR_G2/

For North American sales, email: chris_liang@asus.com
For European Union sales, email: brian_lin@asus.com

advanced clustering technologies, inc.

advancedclustering.com/go/phi

For information, contact Kyle Sheumaker at 913-643-0305
or email: ksheumaker@advancedclustering.com

atipa

www.atipa.com/intel

AEON COMPUTING

www.aeoncomputing.com/
aeon-solutions/xeon-phi/

For information, contact Doug Johson, 619-316-3940
or email: doug.johnson@aeoncomputing.com

BELL technologies
http://www.bellcomputer.com

www.bellcomputer.com/xeonphi

AMAX®

www.amax.com/hpc/productdetail.
asp?product_id=Intel_Xeon_Phi_Server

BOXX

www.boxxtech.com

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www.ciaratech.com

Cirrascale

www.cirrascale.com/whyphi.asp

For information, contact Cirrascale Sales Dept at 888-942-3800
or email: sales@cirrascale.com

DELTA COMPUTER

www.deltacomputer.de/produkte/gpu/
Intel_Xeon_Phi.shtml

For information, email: t.kleemann@deltacomputer.de

clustervision

www.clustervision.com

For European sales, email: Christopher Huggins
at christopher.huggins@clustervision.com

DreamSysNet

www.dreamsysnet.com

For information, contact Yong Hwan Choi at 82-10-7447-5764
or email: yhchoi@dreamsysnet.com

DALCO

www.dalco.ch

www.dalco.ch/products/xeon_phi

For information, email: sales@dalco.ch

E4 COMPUTER ENGINEERING

www.e4company.com/
Documentation/HpcArticle.aspx

For information, email Luca Oliva: info@e4company.com

DAYANG ®

dayang.com.cn/

For information, email: liyonggang@dayang.com.cn

HITACHI Inspire the Next

www.hitachi.co.jp/hpc

DEDICATED COMPUTING

www.dedicatedcomputing.com/XeonPhi

For information, contact Darin Wenger at 262-953-1517
or email: darin.wenger@dedicatedcomputing.com

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For information, email André Singer: andre.singer@megware.com

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email: eric@pssclabs.com

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Quanta™

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ext.11633 or email: peter.hsieh@quantatw.com

NOVATTE Customized HPC Solutions

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::Seneca

www.senecadata.com/products/
vendor-partners/Intel/intel-xeon-phi.aspx

For information, contact Kevin Jaskolka at 315-433-1160 x3402
or email: kevinj@senecadata.com

· · T · Systems·

www.t-systems.de/

For information, contact Dr. Alfred Geiger at +49-151-12132995
or email: alfred.geiger@t-systems.com

SILICON MECHANICS

www.siliconmechanics.com/c1393

TEKWIND

www.tekwind.co.jp/contact/form.php?init=1

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www.sugon.com/docpage/
c12/201106/0614_12_1416.aspx

For information, email: zhaojj@sugon.com

transtec

www.transtec.de/go/xeonphi

For information, email: hpc@transtec.de

SVET COMPUTERS

www.svetcorp.net

TYAN

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For information, contact Carlos Vidal via email: carlos.vidal@tyan.com

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