



June 23, 2014

## Mellanox Introduces the World's First 100Gb/s EDR InfiniBand Switch

*Switch-IB™ provides leading throughput, latency, density and scalability to meet the needs of next generation HPC, Web 2.0, database and cloud data centers*

LEIPZIG, Germany--(BUSINESS WIRE)-- Mellanox® Technologies, Ltd. (NASDAQ: MLNX), a leading supplier of high-performance, end-to-end interconnect solutions for data center servers and storage systems, today announced Switch-IB, the next generation of its InfiniBand switch IC optimized for HPC, Web 2.0, database and cloud data centers, and the first-ever switch IC capable of 100Gb/s per port speeds. Switch-IB is the world's fastest switch with 36-ports of 100Gb/s to provide 7.2Tb/s of switching capacity - 250 percent higher than the nearest alternative - with industry-low 130ns of latency and power consumption. Switch-IB is also the first to introduce router capabilities that enable full isolation and scalability to meet tomorrow's needs of hundreds-of-thousand node clusters and beyond.

With the exponential growth of data being generated around the world and the increase of applications that can take advantage of real-time massive data processing for high performance, data analytics, business intelligence, national security and 'Internet of Things' applications, the market demands faster and more efficient interconnect solutions.

Switch-IB enables application managers to use the power of data. It integrates 144 SerDes which can operate at 1Gb/s to 25Gb/s speeds per lane and delivers 5.4 billion packets per second, making Switch-IB the best solution for high-performance computing, cloud, Web 2.0, database and storage centers. Switch-IB enables these centers to deliver high application performance, to become more efficient, and to reduce their expenses.

"The amount of global digital information created grew 6X over the last five years to nearly 6 Zettabytes in 2014," said Gilad Shainer, vice president of marketing at Mellanox Technologies. "Mellanox's fast interconnect technology is a full generation ahead of the competition in terms of performance and return-on-investment advantages it brings to IT and applications managers."

"Seconds matter when you're waiting for results," said Scott Misage, general manager, high performance computing, HP. "HP's new Apollo family of products will not only support Mellanox's new IC capable 100Gb/s switch but deliver up to four times the performance throughput and reduce both latency and power consumption."

"The phenomenon of Big Data can induce a significant increase in latency in application workflows, creating a ceiling on application efficiency and lengthening time to solution," said David Turek, vice president of advanced computing, IBM. "Any tools that target latency reduction will be of considerable utility in the evolution of forthcoming hardware designs."

In addition to its high performance, Switch-IB also enables IT managers to program and centralize their server and storage interconnect management to dramatically reduce their operational expenses. This process allows the removal of congestion and bottlenecks on the network.

### Visit Mellanox Technologies at ISC'14 (June 23-25, 2014)

Visit Mellanox Technologies at ISC'14 (booth #531) to see demonstrations and the full suite of Mellanox's end-to-end high-performance InfiniBand and Ethernet solutions. For more information on Mellanox's event and speaking activities at ISC'14, please visit <http://www.mellanox.com/isc14>.

### Supporting Resources:

- Learn more about Mellanox's [Switch-IB](#)
- Follow Mellanox on [Twitter](#), [Facebook](#), [Google+](#), [LinkedIn](#), and [YouTube](#)
- [Join the Mellanox Community](#)

### About Mellanox

Mellanox Technologies is a leading supplier of end-to-end InfiniBand and Ethernet interconnect solutions and services for

servers and storage. Mellanox interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance capability. Mellanox offers a choice of fast interconnect products: adapters, switches, software, cables and silicon that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage and financial services. More information is available at [www.mellanox.com](http://www.mellanox.com).

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### **Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995:**

Certain matters discussed in this press release are forward-looking statements, including statements related to the need for high-performance data centers, Web 2.0, cloud and storage infrastructures to scale their 40Gb/s and 56Gb/s interconnect to 100Gb/s to address the exponential growth in data and the acceleration of large scale data center deployments.

These forward-looking statements are based on our current expectations, estimates and projections about our industry and business, management's beliefs and certain assumptions made by us, all of which are subject to change.

Forward-looking statements can often be identified by words such as "projects," "anticipates," "expects," "intends," "plans," "predicts," "believes," "seeks," "estimates," "may," "will," "should," "would," "could," "potential," "continue," "ongoing," similar expressions and variations or negatives of these words. These forward-looking statements are not guarantees of future results and are subject to risks, uncertainties and assumptions that could cause our actual results to differ materially and adversely from those expressed in any forward-looking statement.

The risks and uncertainties that could cause our results to differ materially from those expressed or implied by such forward-looking statements include the continued expansion of our product line, customer base and the total available market of our products, the continued growth in demand for our products, the continued, increased demand for industry standards-based technology, our ability to react to trends and challenges in our business and the markets in which we operate, our ability to anticipate market needs or develop new or enhanced products to meet those needs, the adoption rate of our products, our ability to establish and maintain successful relationships with our OEM partners, our ability to effectively compete in our industry, fluctuations in demand, sales cycles and prices for our products and services, our success converting design wins to revenue-generating product shipments, the continued launch and volume ramp of large customer sales opportunities, and our ability to protect our intellectual property rights. Furthermore, the majority of our quarterly revenues are derived from customer orders received and fulfilled in the same quarterly period. We have limited visibility into actual end-user demand as such demand impacts us and our OEM customer inventory balances in any given quarter. Consequently, this introduces risk and uncertainty into our revenue and production forecasts and business planning and could negatively impact our financial results. In addition, current uncertainty in the global economic environment poses a risk to the overall economy as businesses may defer purchases in response to tighter credit conditions, changing overall demand for our products, and negative financial news. Consequently, our results could differ materially from our prior results due to these general economic and market conditions, political events and other risks and uncertainties described more fully in our documents filed with or furnished to the Securities and Exchange Commission.

More information about the risks, uncertainties and assumptions that may impact our business is set forth in our annual report on Form 10-K filed with the SEC on February 28, 2014. All forward-looking statements in this press release are based on information available to us as of the date hereof, and we assume no obligation to update these forward-looking statements.

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