



March 10, 2014

## Mellanox Showcases 100 Gigabit QSFP Solutions

*Mellanox's silicon photonics technology dramatically improves density and reduces power to enable future 100Gb/s interconnected data centers*

SAN FRANCISCO--(BUSINESS WIRE)-- **OFC** - 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 the demonstration of industry leading 100Gb/s technologies, including silicon photonics, that more than double the speed of today's 40Gb/s QSFP solutions. Demonstrations will take place during the Optical Fiber Communications (OFC) conference in Mellanox's booth #3144 at the Moscone Convention Center in San Francisco, CA from March 11-13, 2014.

Feature demos include:

- 100Gb/s silicon photonics modules in the popular QSFP form factor providing 300% more density than CFP2 or C-PAK footprint solutions
- 100Gb/s VCSEL based solutions in the same QSFP package, the most popular pluggable form factor for 40G Ethernet applications
- Multi-channel 28Gb/s VCSEL drivers and TIAs with integrated retiming

"High-performance data centers, Web 2.0, cloud and storage infrastructures will need to scale their 40Gb/s and 56Gb/s interconnect to 100Gb/s to address the exponential growth in data," said Shai Cohen, COO at Mellanox Technologies. "The QSFP transceiver has provided excellent density for speeds up to 56Gb/s, but until now 100Gb/s technologies were only available in large form factors such as the CFP and CFP2. With silicon photonics, faster VCSELs and new electronics, we can squeeze multiple 100Gb/s technologies into the same QSFP form factor, supporting a wide range of applications with the same physical port. Our LinkX™ interconnect family has QSFP options for any data center reach from less than 2 meters to more than 2 kilometers."

"When the industry settled on the QSFP form factor for 40Gb/s, the market increased dramatically," said Dale Murray, principal analyst at LightCounting Market Research. "That is not happening as quickly for 100Gb/s links in part because of the large size and variety of form factors. Data centers need low-cost, dense 100Gb/s ports in an industry standard form factor. The emergence of 100Gb/s in the QSFP form factor is an important innovation that will accelerate large scale data center deployments."

At the OFC conference, Mellanox will showcase its comprehensive line of 10, 40, 56 and 100Gb/s LinkX cables, transceivers and ICs with innovations that improve the performance and ROI of data center interconnects including the new 28Gb/s VCSEL driver and TIA chipsets, active optical cables, optical transceivers, high-performance copper cables, quad to serial adapters, splitter cables and many other components to improve the performance and efficiency of the data center. Every LinkX cable and transceiver is cluster tested in a stressed, system environment, providing better out of the box quality. Bit Error Rate (BER) testing ensures that every unit meets a BER of  $10^{-15}$  for higher system performance with 1,000X fewer transmission errors than many competitive solutions. For more information on LinkX interconnect products, view a demo in the Mellanox booth during OFC or visit [www.mellanox.com](http://www.mellanox.com).

### Supporting Resources:

- Learn more about Mellanox's [LinkX cables and transceivers](#)
- Follow Mellanox on [Twitter](#), [Facebook](#), [Google+](#), [Linked-In](#), 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).

#### **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.

Mellanox is a registered trademark of Mellanox Technologies, Ltd. LinkX is a trademark of Mellanox Technologies. All other trademarks are property of their respective owners.

#### **Mellanox Technologies, Ltd.**

##### **Press/Media Contact**

Waggener Edstrom

Ashley Paula, +1-415-547-7024

[apaula@waggeneredstrom.com](mailto:apaula@waggeneredstrom.com)

or

##### **USA Investor Contact**

Mellanox Technologies

Gwyn Lauber, +1-408-916-0012

[gwyn@mellanox.com](mailto:gwyn@mellanox.com)

or

##### **Israel Investor Contact**

Gelbart Kahana Investor Relations

Nava Ladin, +972-3-6074717

[nava@gk-biz.com](mailto:nava@gk-biz.com)

Source: Mellanox Technologies, Ltd.

