



January 31, 2017

## **Mellanox Introduces Data Center Packet Processing Platform Based on Company's New Indigo Network Processor**

*Indigo IDG4400 Outstanding Packet Processing, Combined with Spectrum Ethernet Switch Systems, Offers Complete L1-L7 Network Solution for Deploying Cost Effective and Scalable Security and Network Applications in Data Centers*

SUNNYVALE, Calif. & YOKNEAM, Israel--(BUSINESS WIRE)-- Mellanox Technologies, Ltd. (NASDAQ:MLNX), a leading supplier of high-performance, end-to-end smart interconnect solutions for data center servers and storage systems, today announced the IDG4400 Flex Network platform based on Indigo™, Mellanox's newest network processor (previously known as NPS-400). The Indigo high-end network processor is capable of sophisticated packet processing combined with unprecedented performance. Indigo's L2-L7 packet processing solution offers powerful capabilities positioning it to become a world-leading platform for a wide range of applications, including router-type functions, intrusion prevention and detection, application recognition, firewall, DDoS prevention and more. Indigo hardware acceleration features, coupled with powerful software libraries, have demonstrated stateful packet processing at record rates of 500Gb/s and deep packet inspection (DPI) at 320Gb/s over millions of flows; 20 times higher versus other offerings at this scale.

A single IDG4400 network processor platform is capable of realizing the DPI processing capability of a full rack of servers. In addition, the Indigo platform may be used in conjunction with Mellanox's Spectrum™ Ethernet switch systems for increased scalability. The Spectrum switch systems provide Ethernet connectivity of 10, 25, 40, 50 and 100Gb/s, and the deterministic zero packet loss performance and mega scale make it a most efficient data center building block. By combining Indigo IDG4400 and Spectrum Ethernet switching solutions, data center managers gain a cost efficient, comprehensive L2-L7 switching and packet processing solution capable of analyzing data in depth as it passes through the network.

"Today IT managers run their security and network applications over expensive compute servers," said Yael Shenhav, vice president of product marketing at Mellanox Technologies. "The Indigo IDG4400 Flex platform, combined with Spectrum Ethernet switch systems, enable network professionals to effectively offload these applications, thereby reducing data center capital and operating expenses while improving overall return on investment."

Mellanox provides a complete software infrastructure solution for data center solutions developers, including stateful flow table (SFT) for stateful packet processing and deep packet inspection (DPI) software packages. These packages enable ease of implementation and faster time to market while utilizing the Indigo acceleration capabilities to their fullest. In addition, these libraries are compatible with the OpenNPU SDK released through the open source software initiative [opennpu.org](http://opennpu.org). The Indigo IDG4400 1U platform is a C programmable Linux-based platform, which delivers 10, 40 and 100GbE network connectivity, allowing for maximum flexibility. For Indigo IDG4400 Flex availability, please contact Mellanox.

### **Supporting Resources:**

- | Learn more about Mellanox products and solutions at: [www.mellanox.com](http://www.mellanox.com)
- | Follow Mellanox on [Twitter](#), [Facebook](#), [Google+](#), [LinkedIn](#), and [YouTube](#)
- | [Join the Mellanox Community](#)
- | Open source: <http://opennpu.org/>

### **About Mellanox**

Mellanox Technologies (NASDAQ: MLNX) is a leading supplier of end-to-end InfiniBand and Ethernet smart 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 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).

**Note: Mellanox, Indigo and Spectrum are trademarks of Mellanox Technologies, Ltd.**

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Source: Mellanox Technologies, Ltd.

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