



Arista Introduces 400 Gigabit Platforms

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Addresses growing bandwidth demands of cloud networks

SANTA CLARA, Calif.--(BUSINESS WIRE)-- Arista Networks (NYSE:ANET) today announced two new platforms supporting 400 Gigabit Ethernet. The new 400G fixed systems deliver the performance that hyperscale cloud networks and datacenters need for the growth of applications such as AI (artificial intelligence), machine learning, and serverless compute.

This press release features multimedia. View the full release here:

<https://www.businesswire.com/news/home/20181023005323/en/>

Arista introduces 400G fixed platforms. (Photo: Business Wire)

The **Arista 7060X4 Series** uses industry standard optics for

400G and offers the choice of two optical module form factors - **OSFP** and **QSFP-DD**. Both form factors offer a wide choice of 400G optics and cables, including optics that provide backward compatibility for 100G ports. This gives customers flexibility in building high density leaf spine networks to support the most demanding emerging applications, including 100G connectivity to servers and 400G connectivity in the leaf-spine fabric.

"We are delighted to introduce our first 400G switching platforms delivering four times the throughput, double the price/performance and double the power efficiency of our previous 100G platforms," said Andreas Bechtolsheim, Arista's Chairman and Chief Development Officer. "These products will address pent up demand for more bandwidth in cloud networks, allowing cloud service providers to build much more scalable networks."

Driving High Speed for Demanding Applications

The new platforms, which are based on the Broadcom 12.8 Tbps Tomahawk 3 silicon, support 32 400G ports in a compact 1U chassis. In addition, each 400G port can be split into four 100G ports, which supports a total of 128 100G ports in a 1U chassis. Enhancements in **Arista EOS®** traffic management and load balancing take advantage of on-chip improvements in buffering and routing resources. Key features of the new products include:

- 4X increase in bandwidth density compared to existing 100G 1U switches
- Optimized shared buffer to lower application latency for AI and storage workloads
- Elephant Flow Detector for advanced traffic management
- Traffic awareness with Dynamic Load Balancing and Dynamic Group Multipath to improve performance in large cloud and HPC networks
- Increased routing capacity combined with 2X IO increase for hyperscale leaf-spine
- Low power optimized with uncompromised performance at 12.8 Tbps
- Consistent EOS support including cloud-based automation, analytics and availability
- Choice of OSFP and QSFP-DD optics supporting 50G/100G/200G and 400G speeds

Moving network tiers to 400G with high density 100G compute maximizes the performance of next-generation applications such as artificial intelligence, machine learning, and server-less compute through greater network speeds and by eliminating oversubscription between leaf and spine tiers.

“The release of Arista’s 7060X4 Series based on our Tomahawk 3 switch silicon will help accelerate cloud adoption of scale-out 400GbE networks,” said Ram Velaga, senior vice president and general manager, Switch Products at Broadcom. “The combined solution addresses the need for substantially higher network performance and power efficiency for the new wave of cloud workloads.”

Pricing and Availability

The 7060X4 Series is available in two configurations supporting OSFP and QSFP-DD 400G optics modules. The 7060PX4-32 model supports 32 ports of OSFP. The 7060DCX-32 has 32 ports of QSFP-DD, with the consistent 7060X Series architecture.

The 7060PX4-32 is available in Q4, and the 7060DX4-32 will be available in Q1 2019. Pricing starts at under \$1,800 per port of 400G, dramatically lowering the price per gigabit.

Register here for a webinar, Thursday, November 8, to learn more about Arista’s 400G technology. See the 7060X4 Series at Arista Booth #2022, SuperComputing 2018, November 11-16, in Dallas, Texas.

About Arista Networks

Arista Networks pioneered software-driven, cognitive cloud networking for large-scale datacenter and campus

environments. Arista's award-winning platforms redefine and deliver availability, agility, automation, analytics and security. Arista has shipped more than fifteen million cloud networking ports worldwide with CloudVision® and EOS, an advanced network operating system. Committed to open standards across private, public and hybrid cloud solutions, Arista products are supported worldwide directly and through partners.

ARISTA, EOS and CloudVision are among the registered and unregistered trademarks of Arista Networks, Inc. in jurisdictions around the world. Other company names or product names may be trademarks of their respective owners. Additional information and resources can be found at **www.arista.com**. This press release contains forward-looking statements including, but not limited to, statements regarding the benefits, price, performance and best practices utilized in the design and implementation of Arista's 7060X4 Series. All statements other than statements of historical fact are statements that could be deemed forward-looking statements. Forward-looking statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in the forward-looking statements including: our limited operating history and experience with developing and releasing new products; product, support or service quality problems; rapidly evolving changes in technology, customer requirements and industry standards as well as other risks stated in our filings with the SEC available on Arista's website at **www.arista.com** and the SEC's website at **www.sec.gov**. Arista disclaims any obligation to publicly update or revise any forward-looking statement to reflect events that occur or circumstances that exist after the date on which they were made.

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