



Credo Announces 1.6Tbps OSFP-XD HiWire AECs Targeting Hyperscaler Spine Switching

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New Terabit Class AEC with Industry leading Energy Efficiency is Key to Enabling 1U 51.2Tb Switches

SAN JOSE, Calif.--(BUSINESS WIRE)--Oct. 18, 2022-- Credo Technology Group Holding Ltd (NASDAQ: CRDO) today announced the 1.6Tb OSFP-XD HiWire CLOS Active Electrical Cable (AEC) supporting lengths up to 2.75m in a thin, compact, cable form factor to support the dense spine switching requirements for next generation hyperscale data centers. The new 1.6Tbps AEC will be showcased at the OCP Summit at the San Jose Convention Center in the Credo Booth (A2) and the OCP Experience Center, October 18-20, 2022.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20221018005601/en/>



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server to Top-of-Rack switching as server speeds continue to increase, and products like the 1.6Tbps OSFP-XD AEC will drive new data center buildouts.”

The 1.6Tbps OSFP-XD AEC supports 16 bi-directional lanes of 112Gbps communication with an industry standard Attachement Unit Interface (AUI) on each end. It supports cable lengths up to 2.75m using a compact 32AWG cable connecting the two ends that is no larger than two Cat6e cables. The OSFP-XD AEC consumes less than 20W of power per end and offers the most reliable, lowest power interconnect for in-rack applications such as Distributed, Disaggregated Chassis (DDCs).

Credo’s OSFP-XD AEC will begin sampling to customers this fall. All Credo product offerings are supported by evaluation boards, simulation models, characterization reports, reliability reports, design libraries and a complete set of supporting documentations. Customers interested in samples of the 1.6Tb/s OSFP-XD AEC should contact sales@credosemi.com.

To read the 1.6Tb product brief go [here](#).

To learn more about Credo AEC products go [here](#).

About Credo

Our mission is to deliver high-speed solutions to break bandwidth barriers on every wired connection in the data infrastructure market. Credo is an innovator in providing secure, high-speed connectivity solutions that deliver improved power and cost efficiency as data rates and corresponding bandwidth requirements increase exponentially throughout the data infrastructure market. Our innovations ease system bandwidth bottlenecks while simultaneously improving on power, security and reliability. Our connectivity solutions are optimized for optical and electrical Ethernet applications, including the emerging 100G (or Gigabits per second), 200G, 400G and 800G port markets. Our products are based on our proprietary Serializer/Deserializer (SerDes) and Digital Signal Processor (DSP) technologies. Our product families include integrated circuits (ICs), Active Electrical Cables (AECs) and SerDes Chipllets. Our intellectual property (IP) solutions consist primarily of SerDes IP licensing.

For more information, please visit: <https://www.credosemi.com>. Follow Credo on [LinkedIn](#) and [Twitter](#).

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“The OSFP-XD represents the culmination of 18 months of broad industry collaboration to enable the next generation of 51.2Tbps switches in a 1U form factor,” said Don Barnetson, Vice President of AEC Product at Credo. “This 1.6Tbps AEC offers new levels of performance with excellent energy efficiency – using less than 20W of power. By leveraging a mature, low-cost 12nm process, we hit the mark for cost while reducing power and increasing density. It’s a game changer for our customers.”

“Credo’s clearly been leading the field in AECs, and we forecast that AECs will quickly replace direct attached copper as Hyperscalers continue to make gains with cloud deployments, enterprise, and service providers,” said Alan Weckel, Founder and Technology Analyst at 650 Group. “Applications such as AI and machine learning will drive AEC adoption to support

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