



Credo Introduces HiWire AECs to Support 400G AI/ML Backend Networks

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SAN JOSE, Calif.--(BUSINESS WIRE)--Mar. 19, 2024-- Credo Technology Group Holding Ltd ("Credo") (Nasdaq: CRDO), an innovator in providing secure, high-speed connectivity solutions that deliver improved power efficiency as data rates and corresponding bandwidth requirements increase throughout the data infrastructure market, is excited to announce a new family of HiWire Active Electrical Cables (AECs) specifically targeted for 400G AI/ML Backend Network Connections to Top of Rack (TOR) Switches.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20240319367847/en/>



The new family of HiWire AECs includes:

- 400G OSFP-RHS (4x112) to 400G QSFP-DD (8x56) for 12.8T TORs
- 400G QSFP112 (4x112) to 400G QSFP-DD (8x56) for 12.8T TORs
- 800G 2xOSFP-RHS (4x112) to 800G OSFP (8x112) for 25.6Tb and 51.2Tb TORs
- 800G 2xQSFP112 (4x112) to 800G OSFP (8x112) for 25.6Tb and 51.2Tb TORs
- 800G 2xOSFP-RHS (4x112) to 800G QSFP-DD (8x112) for 25.6Tb and 51.2Tb TORs
- 800G 2xQSFP112 (4x112) to 800G QSFP-DD (8x112) for 25.6Tb and 51.2Tb TORs
- 800G 2xQSFP-DD (4x112) to 800G QSFP-DD (8x112) for 25.6Tb and 51.2Tb TORs

"400G AI/ML backend networks have proliferated in the past year and have migrated 112G/lane connectivity to Network Interface Cards (NICs) ahead of many customers' networking plans," said Don Barnetson, Vice President of Product at Credo. "Credo's innovative HiWire AECs can help bridge this gap with in-cable speed shifting to enable use of legacy 12.8T TORs and Y cable configurations for 25 and 51Tb TORs." (Graphic: Business Wire)

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Credo will demonstrate the new 400G AI/ML Backend Network HiWire AEC family at the upcoming Optical Fiber Conference (OFC) in San Diego, CA March 26 – 28, 2024. Conference attendees are encouraged to visit Credo in booth 3601 to learn more about these new HiWire devices.

Product Availability

Members of this new HiWire AEC family are sampling now with production scheduled for Q3/2024.

To learn more about the Credo Products in this release go to the product pages linked [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 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, 800G and the emerging 1.6T (or Terabits per second) port markets. Credo products are based on our proprietary Serializer/Deserializer (SerDes) and Digital Signal Processor (DSP) technologies. Our product families include Integrated Circuits (ICs) for the optical and line card markets, Active Electrical Cables (AECs) and SerDes Chiplets. Our intellectual property (IP) solutions consist primarily of SerDes IP licensing.

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

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