



NEWS RELEASE

# Credo Launches 800G ZeroFlap Optical Transceivers Engineered for AI Networks

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## Accelerates Time to First Token and Enhances AI Cluster Productivity

SAN JOSE, Calif.--(BUSINESS WIRE)-- **Credo Technology Group Holding Ltd** (Credo) (NASDAQ: CRDO), an innovator in providing connectivity at scale through fast, reliable, and energy-efficient system solutions, today announced the general availability of its revolutionary 800G 2 x DR4 ZeroFlap (ZF) transceiver products. Credo's ZF optical transceivers address persistent connectivity issues—most notably link flaps—that undermine AI cluster performance and deployment efficiency. With enhanced stability and rapid fault detection, ZF transceivers accelerate time to first token and unlock higher productivity, providing measurable operational value for AI infrastructure.

Credo has announced the general availability of its innovative 800G 2 x DR4 ZeroFlap (ZF) transceiver products, designed to better manage and mitigate optical link flaps. ZF optical transceivers integrate in-band remote telemetry; automated responses that localize, remediate and prevent link flaps; and smart ticketing that eliminates guesswork from service requests.

### News Highlights:

- Credo has announced the general availability of its innovative 800G 2 x DR4 ZeroFlap (ZF) transceiver

products, designed to better manage and mitigate optical link flaps.

- Credo's ZF 800G optical transceivers are engineered to maximize AI cluster returns by providing integrated intelligence for real-time link health tracking and reporting.
- ZF optical transceivers integrate in-band remote telemetry; automated responses that localize, remediate and prevent link flaps; and smart ticketing that eliminates guesswork from service requests.



Credo's 800G 2xDR4 ZeroFlap optical transceivers use PILOT extensions residing on network switches, for optics telemetry extraction and streaming to monitoring agents, supporting SONiC and other switch operating systems.

"Introducing ZeroFlap capabilities into our 800G 2xDR4 transceivers underscores Credo's belief that reliability must scale with bandwidth," said Chris Collins, AVP of Sales & Optical Product Marketing at Credo. "By harnessing real-time telemetry inside the transceiver, we're enabling networks to predict and prevent failures before they impact services. The result is more training, more inference, and ultimately better returns for our customers."

"800G optical datacom transceivers continue to be the workhorse of AI connectivity, accounting for more than half of all high-speed transceivers shipped through 2028. With well more than 30 million units shipping each year, reliability at scale is essential," said Scott Wilkinson, Lead Analyst, Optical Components at Signal AI. "Credo has introduced a new class of transceivers designed from the ground up to address the compounding issue of optical link flaps in growing AI clusters. The introduction of active feedback via Credo's ZeroFlap technology can help operators better manage their optical networks and improve overall return on their AI infrastructure investments."

Credo's ZeroFlap 800G 2 x DR4 transceivers are an essential tool for network technicians

- Remote access to harvest telemetry from both sides of a link from either end-point
- Non-volatile event logging is like a network time machine for historical trends
- Broad network architecture support including fiber shuffle
- Available in both Integrated Heat Sink (IHS) or Riding Heat Sink (RHS) versions to support switch and server-side installations

To learn more about the Credo products in this release, visit the product page linked [here](#).

## Product Availability

Credo ZeroFlap transceivers are available now. For more information contact [sales@credosemi.com](mailto:sales@credosemi.com).

## About Credo

Credo's mission is to transform connectivity at scale through fast, reliable, and energy-efficient system solutions. Our high-speed copper and optical interconnect products deliver industry-leading power and performance at up to 1.6T to meet the ever-expanding data infrastructure demands of AI.

Our product portfolio includes ZeroFlap (ZF) Active Electrical Cables (AECs) and ZF optical transceivers, OmniConnect memory solutions, and a suite of retimers and DSPs for optical and copper Ethernet and PCIe, all leveraging the PILOT diagnostic and analytics software platform. Credo innovations enable our customers to

connect the systems that connect the world.

For more information, please visit <https://www.credosemi.com>. Follow Credo on **LinkedIn**.

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Media Contact:

Kristin Hehir

[kristin.hehir@credosemi.com](mailto:kristin.hehir@credosemi.com)

Investor Contact:

Dan O'Neil

[dan.oneil@credosemi.com](mailto:dan.oneil@credosemi.com)

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