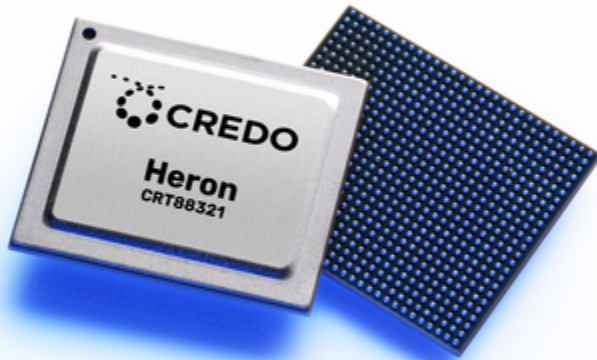# Credo Targets Hyperscale Data Centers & Telecom with Multiple New Line Card Devices

March 8, 2022

***Advanced 100G Serdes Technology in Sparrow 800G Gearbox & Heron 1.6T Retimer/Gearbox Supports Advanced Networks at up to 112G/lane***

SAN JOSE, Calif.--(BUSINESS WIRE)--Mar. 8, 2022-- Credo Technology Group Holding Ltd (NASDAQ: CRDO) today introduced the new Sparrow 800G gearbox and Heron 1.6T retimer/gearbox devices targeted at hyperscale data centers and telecom service providers. The new Sparrow and Heron devices are built around Credo's core low-power, high-performance DSP technology to offer improved line card functionality. The devices deliver the increased bandwidth, improved power, and cost efficiency required to support the large, growing data infrastructure market.

This press release features multimedia. View the full release here: https://www.businesswire.com/news/home/20220308005594/en/



Credo Targets Hyperscale Data Centers & Telecom with Multiple New Line Card Devices (Photo: Business Wire)

Line cards are critical elements of the network backbone. When the line cards are enabled by the performance and power improvements in the Sparrow 800G gearbox and the Heron 1.6T, which operates in both retimer and gearbox modes, customers are able to tackle the increasing demand for bandwidth at the network edge.

"Credo's core value in developing products is to deliver high-speed connectivity solutions with improved power and cost efficiency," said Scott Feller, Vice President of Marketing at Credo. "The new Sparrow 800G gearbox and Heron 1.6T retimer/gearbox were designed to allow our customers to upgrade their bandwidth capability as the rate of data generation continues to dramatically increase. These devices are excellent solutions for our hyperscale data center and telecom service provider customers."

**Sparrow 800G Gearbox Key Features**

- Industry leading low power 112G to 56G gearbox functionality
- Support for 8x112G to 16x56G configuration
- Futureproof design for 25.6T and 51.2T switches designed for 400G front panel connections

**Heron MR 1.6T Retimer/Gearbox Key Features**

- Low-power 112G per lane retimer with 800G and 1.6T retimer configurations
- Supports Active Optical Cabling (AOC), Active Electrical Cabling (AEC), pluggable optics and Direct Attach Copper (DAC) cabling
- Enables 30dB medium reach (MR) for chip-to-chip and midplane applications.

Credo provides SAI (Switch Abstraction Interface) drivers for these devices to support seamless integration with SONiC, FBOSS and other Hyperscale operating systems.

To learn more read the full product briefs for the Sparrow 800G Gearbox and the Heron 1.6T Retimer/Gearbox.

**Product Availability**

The Credo Sparrow 800G Gearbox is now available in production quantities and the Heron 1.6T Retimer/Gearbox is available in sample quantities to qualified customers. To learn more please contact sales@credosemi.com.

**About Credo**

Credo is a leading provider of high-performance serial connectivity solutions for the hyperscale datacenter, 5G carrier, enterprise networking, artificial intelligence, and high-performance computing markets. Credo's solutions deliver the bandwidth, scalability, and end-to-end signal integrity for next-generation platforms requiring 25G, 50G, and 100G signal lane-rate connectivity for 100G, 200G, 400G, and 800G port enabled networks.

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

View source version on businesswire.com: https://www.businesswire.com/news/home/20220308005594/en/

**Corporate Contact:**
Diane Vanasse
diane.vanasse@credosemi.com

**Investor Contact:**
Dan O'Neil
dan.oneil@credosemi.com

Source: Credo Technology Group Holding Ltd