



Credo Introduces Screaming Eagle 112G Retimer DSP with Industry Leading 1.6 Terabit Capacity

October 5, 2022

New Line Card Device with Break-through Performance and Energy Efficiency Targets Hyperscale Data Centers, Enterprise, 5G and Service Providers

SAN JOSE, Calif.--(BUSINESS WIRE)--Oct. 5, 2022-- Credo (NASDAQ: CRDO) today announced the Screaming Eagle 112G LR (Long Reach) DSP device with 1.6 Terabits per second (Tbps) of retiming capacity. By supporting port speeds of 1.6T, 800G, 400G, 100G and down to 10G – Screaming Eagle can satisfy the massive data transit requirements of hyperscalers, enterprises, 5G carriers and service provider customers.

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Credo Introduces Screaming Eagle 112G Retimer DSP with Industry Leading 1.6 Terabit Capacity. New Line Card Device with Break-through Performance and Energy Efficiency Targets Hyperscale Data Centers, Enterprise, 5G and Service Providers. (Graphic: Business Wire)

industry's smallest form factor for line card applications.

"Data connectivity is no longer just the backbone for the Internet, it has become a critical factor in supporting complex data workloads and analytics for a variety of industries including healthcare, scientific research, finance, government, and manufacturing," said Alan Weckel, Principal at the 650 group. "Credo's entry to the 1.6Tbps race, with long reach capability, is timely as we see immense amounts of data being collected continuously by an array of industrial applications that are driving the need for increased compute, at higher speeds with lower latencies."

Screaming Eagle is currently sampling to qualified customers. 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 Screaming Eagle should contact sales@credosemi.com.

To read the Screaming Eagle product brief 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 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](#) and [Twitter](#).

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"Bandwidth is the catalyst for the digital economy and our end customers need increasing amounts of network speed to support the broad range of data hungry, vertical markets," said Scott Feller, Vice President of Marketing at Credo. "Credo's unique SerDes design approach enables us to deliver industry-leading performance, energy efficiency, and a cost advantage to our customers – such as the Hyperscalers – who are managing petabytes of information. Delivering 1.6 Tbps capacity is a necessity as this appetite for networking speeds continues to grow."

Screaming Eagle is a third generation Credo 112G retimer and supports LR+ channels of 40dB+, enabling up to 1.6Tbps throughput in a single package. It adds a programmable MR (medium reach) mode to reduce SerDes power by 20% for C2M (chip-to-module) and VSR (very short reach) applications. Screaming Eagle 1.6T ships in a 23x23mm package, the

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Source: Credo