



NEWS RELEASE

# Credo's Toucan PCIe Retimer Achieves PCI-SIG® Compliance

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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, announced that its PCIe® 6.0 technology-capable Toucan PCIe retimer has earned PCI-SIG® compliance at 32.0 GT/s.

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## Key points:

- Credo's production-ready 7nm PCIe 6.0 technology-capable Toucan PCIe retimer has been validated as PCI-SIG compliant at

PCIe 5.0 technology speeds, ensuring interoperability, signal integrity, and low-power performance across industry-standard platforms.

- This validation enables customers to deploy Toucan confidently in PCIe 6.0 technology and previous generation systems, avoiding compatibility and debugging challenges common with legacy-only solutions while preparing for future PCIe technology transitions.
- Credo's **PCIe retimer solutions** enable signal integrity to be restored across longer distances at high performance, providing high-speed connectivity and reliability for AI rack-scale, disaggregated and multi-rack architectures.

## Purpose-Built for Next-Gen Platforms

Toucan retimers address integration challenges in AI, HPC, and accelerated compute environments with:

- PCI-SIG-compatible PCIe 5.0 technology interoperability
- Low-power design for dense accelerator platforms
- Advanced debug and diagnostics through award-winning PILOT tool
- Architecture aligned with PCIe 7.0 technology roadmaps

"As AI workloads continue to scale, PCIe retimers are playing a critical role in building reliable, low-power, high-performance interconnects," said Vishal Shah, Vice President of Product at Credo. "Credo's PCIe 6.0 technology-capable Toucan retimer provides a standards-compliant, low-power solution that simplifies integration today while enabling a smooth transition to future PCIe specification generations."

"We recognize Credo for achieving PCI-SIG compliance for its Toucan retimers," said Al Yanes, PCI-SIG President and Chairperson. "Companies such as Credo that participate in PCIe specification compliance testing help ensure continued advancement of high-speed interconnects in the AI-era."

## Key Customer Benefits

- Proven PCI-SIG compliance
- High performance with reliable operation across high-loss channels
- Deep diagnostics for faster bring-up and streamlined qualification using PILOT software
- Simplified and low-risk migration to future PCIe technology generations

Ideal for hyperscaler and AI deployments, Toucan retimers combine performance, power efficiency, compliance, and diagnostics to accelerate platform stability and roadmap alignment.

To learn more about Credo's PCIe retimer solutions, visit <https://credosemi.com/products/pcie/>.

## 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](#).

## About PCI-SIG

PCI-SIG is the consortium that owns and manages PCI specifications as open industry standards. The organization defines industry standard I/O (input/output) specifications consistent with the needs of its members. Currently, PCI-SIG is comprised of over 1,000 companies. To join PCI-SIG, and for a list of the Board of Directors, visit <https://www.pcisig.com/>.

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