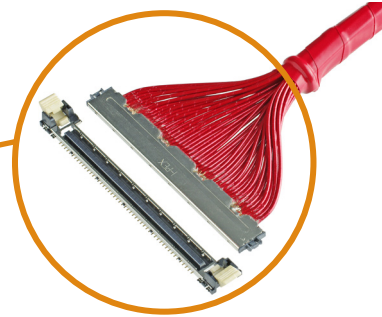# Enterprise Class Connectors Delivering Performance, Density and Value.

High-Speed Input/Output (I/O)

Today's Enterprise Systems are faced with the demand of increasing lanes of high-speed data and the need for lower latency while always dealing with significant cost pressures. More and more power is being designed into the rack, increasing the heat which places more demand on clean air flow.

I-PEX Connectors offers high-density, high-performance solutions that help you reach across the box and rack, while minimizing the impact on air flow. If your configuration leaves you dealing with the kind of tight spaces that reduce efficiency, call I-PEX Connectors to assist with finding the product that will fit within your system and deliver the data you need, within your budget.

Don't simply design products that are "good enough" when you can design products that offer your customers better value and performance. We understand that you are always looking to provide the edge to your customers. I-PEX Connectors can assist you with that effort.
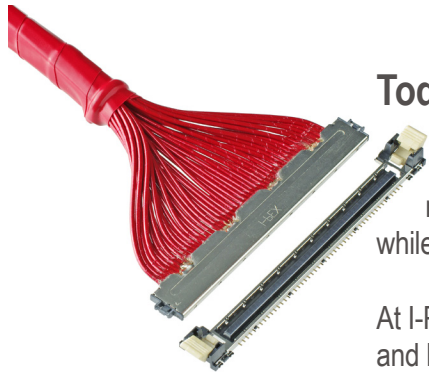
SEASIM PCIe® Gen 4* Simulation Results for I-PEX Connectors

*PCIe Gen 4 assumptions and details available upon request

	Trace Length	Assembly Length	Eye Height	Eye Width	Eye Height	Eye Width
PCIe® Gen 4 Spec			15mV	0.3UI	15mV	0.3UI
CABLINE®-CA II Channel	50 mm FR4	250 mm 40 AWG	128.8mV	0.563UI	137.3mV	0.583UI
CABLINE®-VS Channel	50 mm FR4	250 mm 38 AWG	102.3mV	0.569UI	106.3mV	0.565UI
NOVASTACK® 35-HDP Channel	150 mm FR4	200 mm FPC	101.1mV	0.574UI	102.6mV	0.580UI
FPL-10 Channel	50 mm FR4	700 mm 30 AWG	156.6mV	0.568UI	164.3mV	0.573UI

I-PEX® connectors

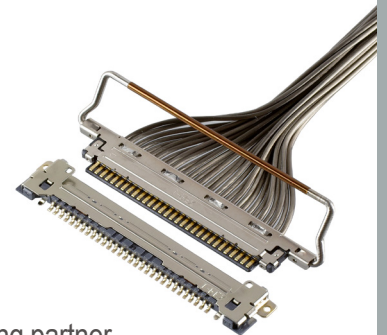# Manage Your **High-Density** Designs Without **Compromise**

Today's Enterprise Computing Systems continue to get more powerful, with increased processing density and demand for high-speed data. Cable assemblies help offset mounting PCB losses, but the trade-off is increased congestion, with a potential loss of airflow, reducing efficiency. I-PEX Connectors® offers products that deliver high-data-rate performance, while maximizing density and avoiding air flow blockage.

At I-PEX Connectors, we made our name by delivering top quality performance connectors to the mobile and hand-held industry. Our state-of-the-art, automated assembly manufacturing, with in-line inspection and test delivers consistent quality, part after part.

Our micro-coaxial products offer many options for the latest Enterprise Computing Standards, such as SAS 4 and PCIe® 4. We even support upcoming applications such as Gen Z.

Manufacturing Partners

I-PEX Connectors is also your manufacturing partner.
We are very familiar with and deliver on tight schedules that require on-time delivery and low failure rates. It's just one of the many reasons I-PEX Connectors has earned our reputation for precision products and customer service.

Company Information

I-PEX Connectors was established in 1994 as a connector supplier in Tokyo, Japan. After years of collaboration, it was officially acquired by DAI-ICHI SEIKO in 2012.

www.i-pex.com