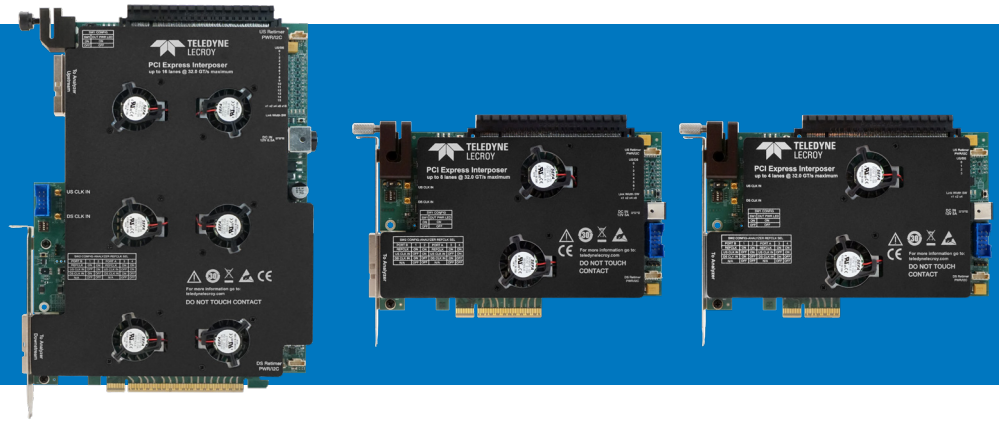


# PCI Express® 5.0 CEM Interposers



## Key Features

- Quick and simple set-up
- Allows capturing and decoding of all PCIe traffic between host and device
- TAP 5 technology for non-intrusive Probing
- Supports SMBus
- Supports bifurcated lane testing
- Includes DUT support mechanism

The Teledyne LeCroy PCI Express CEM Interposers provide a simple and easy-to-use way to probe PCIe 5.0 PCI Express traffic between a host and PCIe® add-in card. These interposers assure reliable data transmission while providing 100% capture of all data traffic flowing through the PCIe CEM slot interface.

Connecting one of these interposers to a Teledyne LeCroy Summit PCIe analyzer allows decoding and display of data flowing in both directions and across all lanes, and will display data traffic using the industry-standard CATC Trace™ data display, along with a wide range of traffic and error reports.

The PCIe 5.0 CEM Interposers support data rates of 2.5, 5.0, 8.0, 16.0 and 32.0 GT/s and support link widths of up to x16. The PCIe 5.0 CEM Interposers will work with Summit T48, T416, M5x, T54 and T516 protocol analyzers.

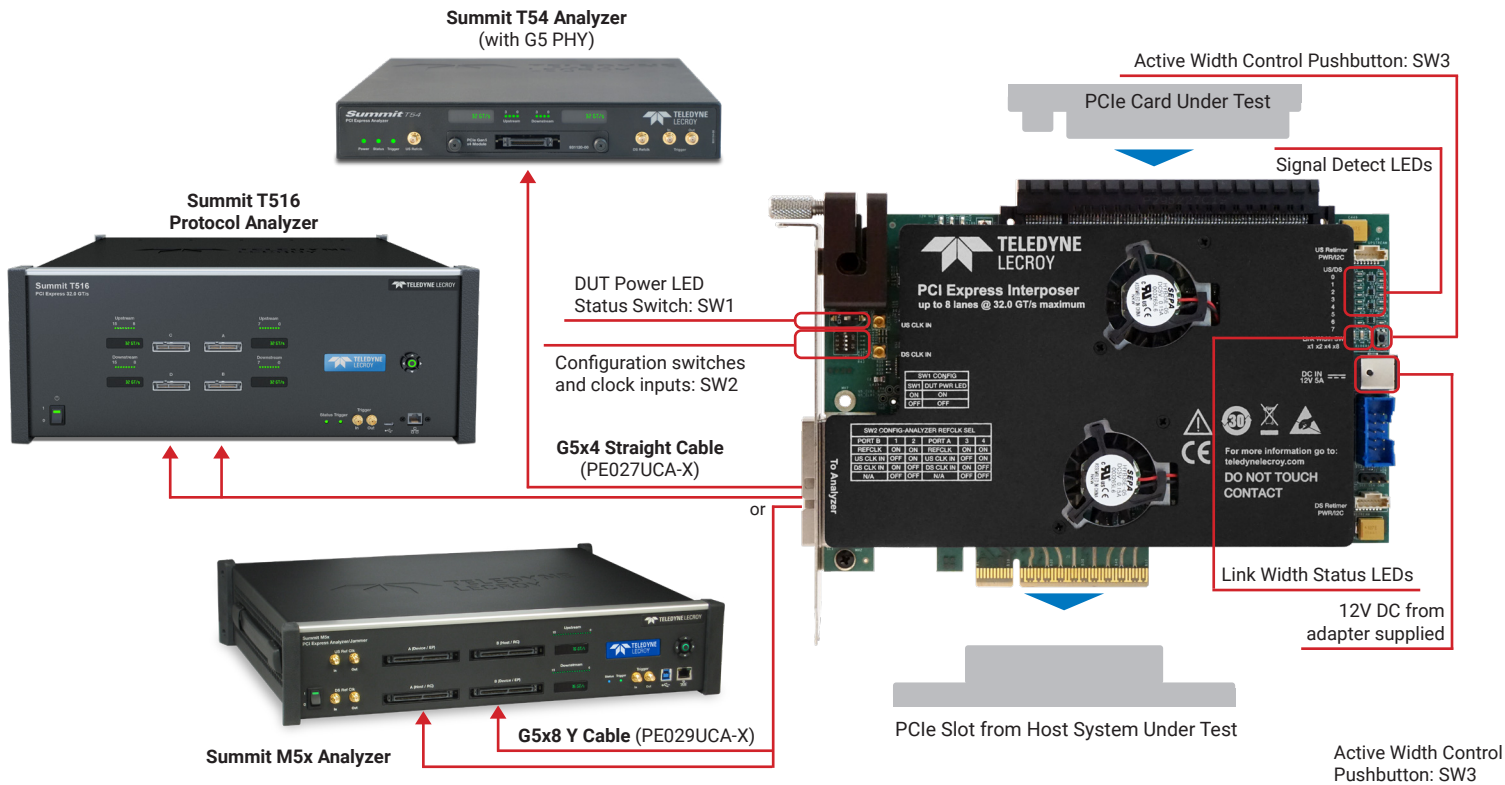
5.0 CEM Interposers are powerful and versatile tools for all developers working up to 32GT/s speed in their development projects.

Interposers will support a complete suite of testing capability to analyze PCIe communication including SMBus out of band signaling and allow recording and analysis of low power modes supported through CLKREQ# and SRIS. The PCIe 5.0 specification is only supported on the Summit M5x, Summit T54 and Summit T516.

## Specifications

<b>Dimensions</b>	Gen5x4: 173 x 119mm (6.83" x 4.69")
	Gen5x8: 173 x 119mm (6.83" x 4.69")
	Gen5x16: 169 x 246mm (6.65" x 9.67")
<b>Link Width</b>	x4, x8, x16
<b>Data Rates</b>	2.5 GT/s, 5.0 GT/s, 8.0 GT/s, 16.0 GT/s and 32.0 GT/s
<b>Environmental</b>	Temperature (operating): 5-40°C
	Temperature (non-operating): -20~60°C • Humidity (operating): 5% to 80% RH (non-condensing) at <=30°C 50% max RH (non- condensing) at 40°C
	Humidity (non-operating): 5% to 95% max RH (non- condensing)





#### System Compatibility

Summit T54	✓
Summit M5x	✓
Summit T48	✓
Summit T416	✓
Summit T516	✓

## Ordering Information

### Product Description

G5x4 CEM Interposer.....	PE206UIA-X
G5x8 CEM Interposer.....	PE202UIA-X
G5x16 CEM Interposer.....	PE207UIA-X

### Product Code



Local sales offices are located throughout the world.  
Visit our website to find the most convenient location.  
1-800-5-LeCroy • [teledynelecroy.com](http://teledynelecroy.com)



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