

90 Degree Left Server Interposer for PCI Express® 3.0

90 Degree Left Server Interposer makes probing possible in tight configurations

Specifications

| | |
|-------------------|--|
| Dimensions | 167 x 96 mm (6.6" x 3.75") |
| Lane Width | x1, x2, x4 or x8 |
| Data Rates | 2.5 GT/s, 5 GT/s and 8 GT/s |
| Connecters | x8 PCI Edge Connector (to Host), x16 PCI slot (for card under test), Analyzer (iPass), US and DS Clock Inputs, 12V DC Power |

Ordering Information

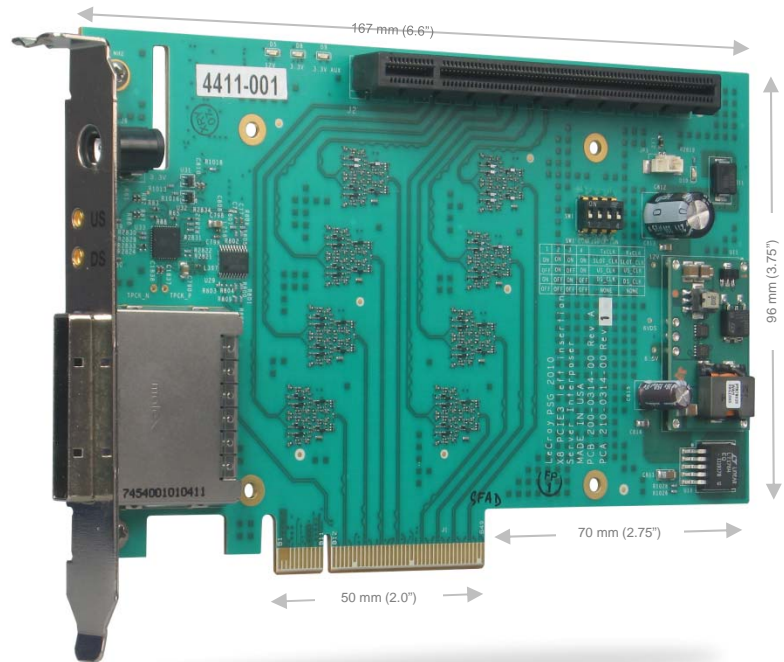
| | |
|---|---------------------|
| Product Description | Product Code |
| 90 Degree Left Server G3 x8 Interposer for Summit T3-16, T3-8 and T34 | PE059UIA-X |

Reference Clock Table for DIP Switches

| 1 | 2 | 3 | 4 | TxClk | RxClk |
|-----|-----|-----|-----|----------|----------|
| ON | ON | ON | ON | SLOT_CLK | SLOT_CLK |
| OFF | ON | OFF | ON | US_CLK | US_CLK |
| ON | OFF | ON | OFF | DS_CLK | DS_CLK |
| OFF | OFF | OFF | OFF | None | None |

System Compatibility

| | |
|--------------|---|
| Summit T3-16 | ✓ |
| Summit T3-8 | ✓ |
| Summit T34 | ✓ |
| Summit T28 | |
| Summit T24 | |



Teledyne LeCroy's 90 Left Degree Server Interposer for the Summit™ PCI Express line of protocol analyzers solves the problem of tapping PCI Express 3.0 signals that are transmitted between an add-in card and the riser card mounted in the narrow I/O compartment of 1U and 2U rack servers.

The 90 Degree Left Server Interposer card is based on Teledyne LeCroy's T.A.P.³ (Transparent Acquisition Probing) technology for PCIe 3.0, which was introduced on the Summit T3-16 product line last year. The interposer is ideal for 1U and 2U server testing in that the PCI Express connector is mounted perpendicular to the surface of the interposer, instead of attached at the top of the interposer. Add-in cards can now easily connect to the interposer without interference by the internal structure of the chassis. The 90 Degree Left Server interposer supports connectivity to full height or standard size add-in cards. Teledyne LeCroy's protocol test tools have long been at the forefront of PCI Express development tools. All Teledyne LeCroy protocol analyzers feature a hierarchical display, real-time statistics, protocol traffic summaries, detailed error reports, powerful scripting, and the ability to create user-defined test reports, which allow developers to troubleshoot intricate problems and finish their projects on time.