

Agilent M9047A PCIe Desktop Adapter

Description

Agilent's M9047A* host adapter is installed in a host computer's PCIe x8 or x16 slot. It extends the PCIe bus connectivity to PCIe external devices such as the Agilent M9502A or M9505A AXIe chassis or the Agilent M9021A PXIe System Interface. The adapter has a Gen 2 x8 PCIe link capable of achieving speeds up to 4GB/s. The adapter has an x8 Molex Cable connector and should be used with x8 to x8 PCIe cables tested to operate at Gen 2 speeds such as the Agilent Y1202A. Operation is transparent to the software application and no software drivers are required.



Unpacking Instructions

1. After unpacking the adapter card, verify that all items listed on the packing list are included.
2. Inspect the equipment for shipping damage.
3. Save all packing material for storage or return shipment to Agilent.

Installation and Removal

1. Turn off both the host PC and the remote chassis. You should also remove the power cord.
2. Open the chassis according to the manufacturer's instructions.
3. Remove the M9047A Adapter from its protective bag. Observe normal Electrostatic Discharge (ESD) precautions.
4. Insert the adapter into a PCIe x8 or x16 card slot. Ensure that the card is seated properly and tighten the chassis screw.
5. Attach a PCIe x8 cable (Agilent Y1202A) by first pulling back on the retractor ring. With the keyed slot aligned with the key ridge on the adapter, insert the cable connector into the cable port connector on the adapter until the cable locks in place.

Note: The connectors on either end of the PCIe x8 cable are identical. Each connector has a retractor to allow the connector to lock in place.

6. Attach the other end of the cable to the upstream port on the system controller module in the Agilent PCI or AXIe system controller module.

To remove the PCIe Adapter

1. Turn off the host PC and the remote chassis. You should also remove the power cord.
2. Pull back on the retractor ring to release the locking mechanism. Remove the cable from the external cable connector on the ExpressCard adapter.
3. To remove the adapter from the PC slot, loosen and remove the chassis screw.

* OneStop Systems model OSS-PCIE-HIB25-x8-H

Specifications

Form Factor:	<ul style="list-style-type: none">• PCIe half-card• PC Board Dimensions: 2.2 inches (55.8mm) height x 4.5 inches (114.3mm) length• Connectors: PCIe x8 cable connector PCIe x8 edge connector
Environment:	<ul style="list-style-type: none">• Operating Temperature: 0° C to 70° C (32° to 158° F)• Storage Temperature: -40° C to 85° C (-40° to 185° F)• Operating Humidity: 10 to 90% relative humidity non-condensing• Storage Humidity: 5% to 95% relative humidity non-condensing

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