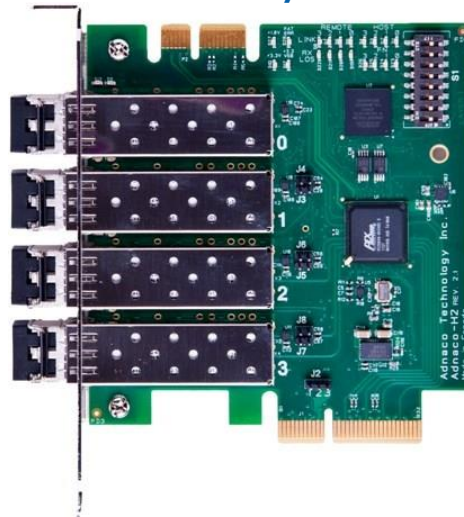


20 Gb/s PCIe Gen 2 Host/Remote Adapter



The Adnaco-H2 is a PCIe Gen 2 host/remote adapter, intended to extend the computer PCIe bus over a fiber-optic cable. The adapter is based on a PCIe switch operating in a transparent mode. No additional programming and drivers are required

Product Features:

- Supports PCIe Gen1/Gen2 communication over fiber optic using x1, x2, and x4 lanes
- Interfaces one x4 or four x1 PCIe ports
- Cable length up to 500 m
- Optical isolation
- SFP transceivers with LC connectors
- Can be configured as a host or remote adapter
- PCIe x4 connector can be installed into any PCIe x4, x8, and x16 slot
- Host processor and OS independent and tested with
 - Windows: XP, 7, 8 10
 - Linux x86/x64

Specifications

Cable Interface	<ul style="list-style-type: none"> • PCIe Gen 2 • One x4 downstream port, 20 GT/s • Four x1 downstream ports, 5 GT/s per port • Separate Refclk with No SSC (SRNS) Architecture
Cable Connectors	Four SFP transceivers
PCIe Switch	Broadcom PEX8608
Form Factor	Standard height card with PCIe x4 edge connector
Dimensions	3.57 x 3.94" (91 x 100 mm)
Power Consumption	7 W max with four multi-mode optical transceivers 2.1A @ 3.3V
Operating Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Operating Humidity	10% to 90% relative humidity non-condensing
Storage Humidity	5% to 95% relative humidity non-condensing
MTBF	>750,000 hours without optical transceivers >220,000 hours with four multi-mode optical transceivers Calculated per MIL-HDBK 217-F. Environment: Ground Benign, 25°C.
Agency Compliance	FCC, CE, RoSH

Adnaco-H2 ordering information:

Standard Part Number	Included items
ADNACO-H2-01-4-H	Host adapter with four multi-mode transceivers
ADNACO-H2-01-4-R	Remote adapter with four multi-mode transceivers

Custom Part Number: Adnaco-H2-YY-Z-X

Configuration	Description
YY	00 – without optical transceivers 01 – with multi-mode transceivers 02 – with single-mode transceivers
Z	The number of transceivers
X	H – host adapter R – remote adapter

[Click here to download Adnaco-S5 User's Guide](#)

Other related documents: <http://www.adnaco.com/s5>

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