

PCIeSFF8639-PT04-0A

[PCIe-Gen3 card to 4 SFF8639 Expander Board]



Note: image above may show a varied configuration or optional parts.

Key Features:

- PCIe-Gen3 switch card (4 lane x 4 channel) set
 - 1x PCIe-Gen3 switch card
 - 4x Power/PCIe expansion cable
 - 4x SFF8639 backplane card
- Support Gen1, Gen2, Gen3 auto select or manual select (jumper selectable)
- 4 independent clock & reset (4 port)
- Upstream activity LED indicator
- Basic PCIe control software available upon request

Specifications

Product SKUs

PCIeSFF8639-PT04-0A	Gen3 4x 4lane PCIe switch card with SFF8639 backplane adapters
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Form Factor (switch card)

FF PCI card size

Dimensions (switch card)

Width	• 250mm
Height	• 85mm
Depth	• 190mm
Gross Weight	• 118gram
Color	• Green

Dimensions (SFF8639 Adapter - backplane) – per card

Width	• 80mm
Height	• 50mm
Depth	• 35mm
Gross Weight	• 22gramgram
Color	• Green

Software

- Basic test tool (for evaluation use only)

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ASI - LCube
File Edit Help
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-- Test script
-----
-- search for PCI device and check link speed
-----
setverbose(3) -- set verbose level to 3 (debug and basic info display)
pcies()      -- list PCI devices found
driver()     -- list block devices found
File: pciescript.lua
cmdline  status  buffer
cmd> run
List of all PCIe devices found (block devices)...
00:01.1 IDE interface [0101]: Intel Corporation 82371AB/EB/MB PIIX4 IDE [8086:7111] (rev 01)
00:0d.0 SATA controller [0106]: Intel Corporation 82801HM/HEM (ICH8M/ICH8M-E) SATA Controller [AHCI mode] [8086:2829]
-----
-- Block Devices Found
-----
ID=0: type[ATA]    dev[/dev/sda]  addr[00:0d.0]
-----
Active drive is set to ID=0. To change, use "driveset(ID#)" command to switch to other drive
  
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PCIe support

- 4 lane to 1 lane switch
- Gen1, Gen2, and Gen3
- Auto or manual select

Parts

- 1x PCIe-Gen3 switch card
- 4x PCIe-Gen3 cable
- 4x clock cable
- 4x SFF8639 backplane adapter

Operating temperature

Max: 70C

Other

Board impedance	85ohm
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