

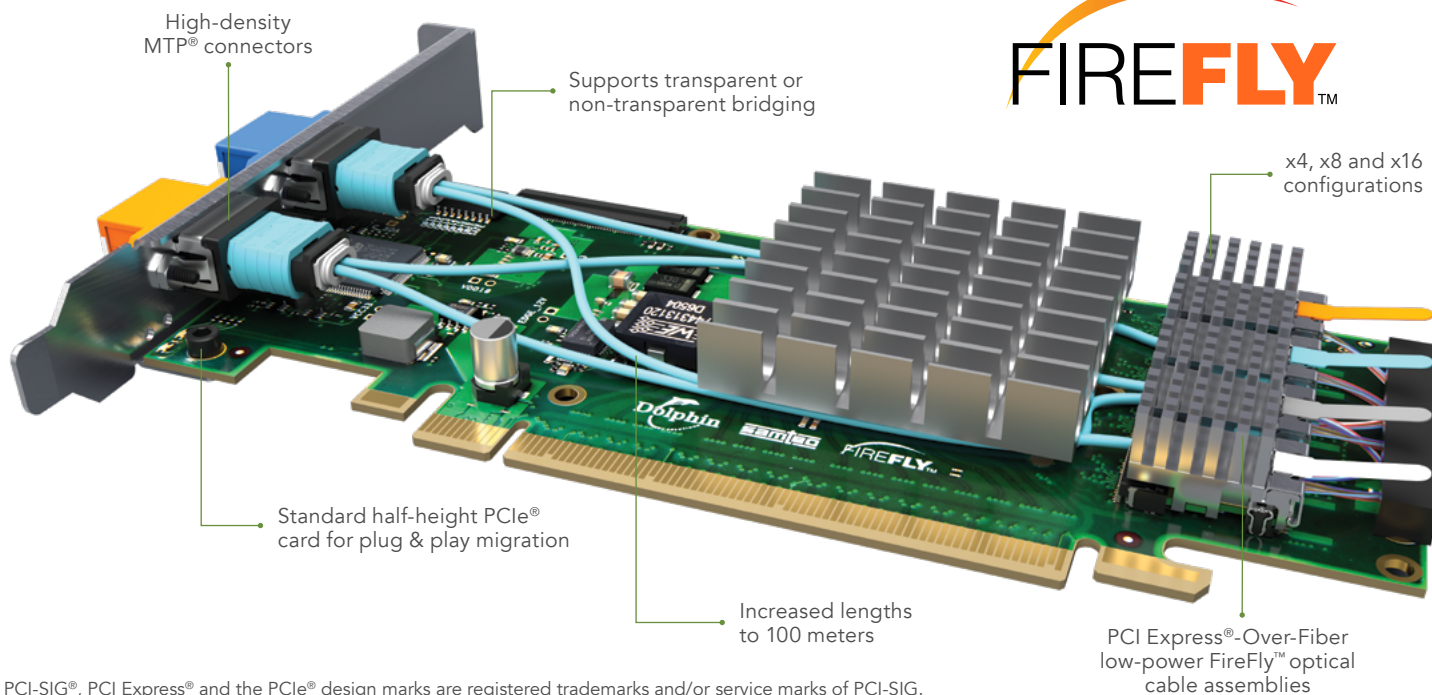


# PCI EXPRESS®-OVER-FIBER ADAPTOR CARD

## ADAPTOR CARD WITH FIREFLY™ OPTICAL SYSTEM

PCI Express®-Over-Fiber Adaptor Card features Samtec's PCI Express®-Over-Fiber FireFly™ optical cable solution with key features to enable clear signal transmission with increased reach and cost optimization. By supporting the PCIe® Gen 3/4 protocol, the adaptor card delivers high data transfer rates with low latency, power management and guaranteed transmission.

- PCIe® x16 edge card connector
- Supports Gen 3/4 platform
- Scalable configurations for cost optimized performance
  - x4: single, dual or quad
  - x8: single or dual
  - x16: single
- Transparent or non-transparent bridging for system flexibility and multi-processor support
- Easy migration into existing and new architectures with a half-height PCIe® card
- Reconfigurable host or target operation
- Enables computer-to-computer or computer-to-endpoint over long distances
- Features PCI Express®-Over-Fiber FireFly™ optical cable assemblies (PCUO Series)
  - Enables lengths to 100 meters
  - Bidirectional sidebands for reset and cable present
  - Miniature footprint enables smaller endpoints
  - Galvanic isolation for high voltage systems
- Ideal for high-performance and applications requiring robust data transmission: AR/VR high-definition cameras, video editing systems, security systems, data acquisition, industrial applications



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### System

- PCOA Series - PCI Express®-Over-Fiber Adaptor Card
- Includes: PCUO Series - PCI Express®-Over-Fiber FireFly™ Optical Cable System

For more information on Samtec's PCI Express®-Over-Fiber FireFly™ solutions, please visit [samtec.com/firefly](http://samtec.com/firefly) or contact [firefly@samtec.com](mailto:firefly@samtec.com).

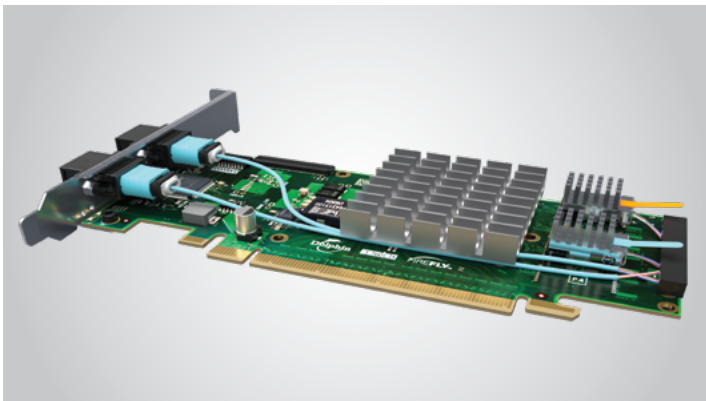
PCI Express®-Over-Fiber Adaptor Card is available in a variety of x4, x8, and x16 configurations for greater system flexibility and cost optimization.



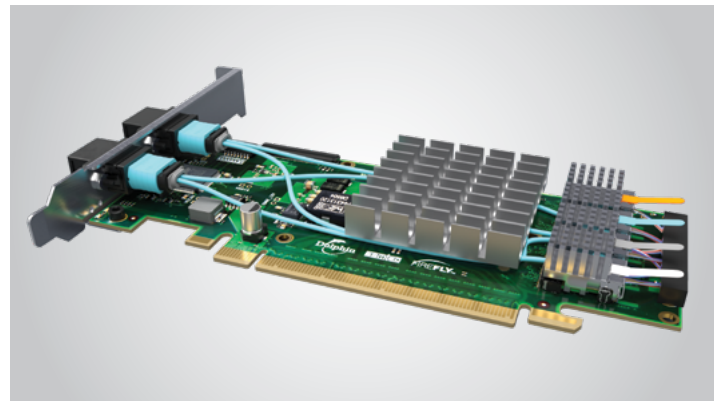
Single x4



Single x8



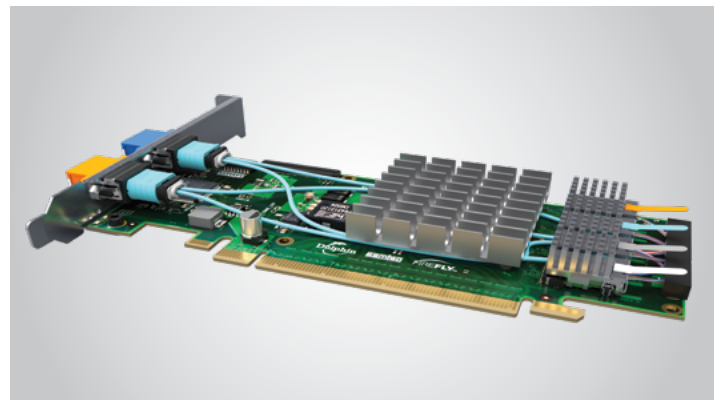
Dual x4



Dual x8



Quad x4



x16

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