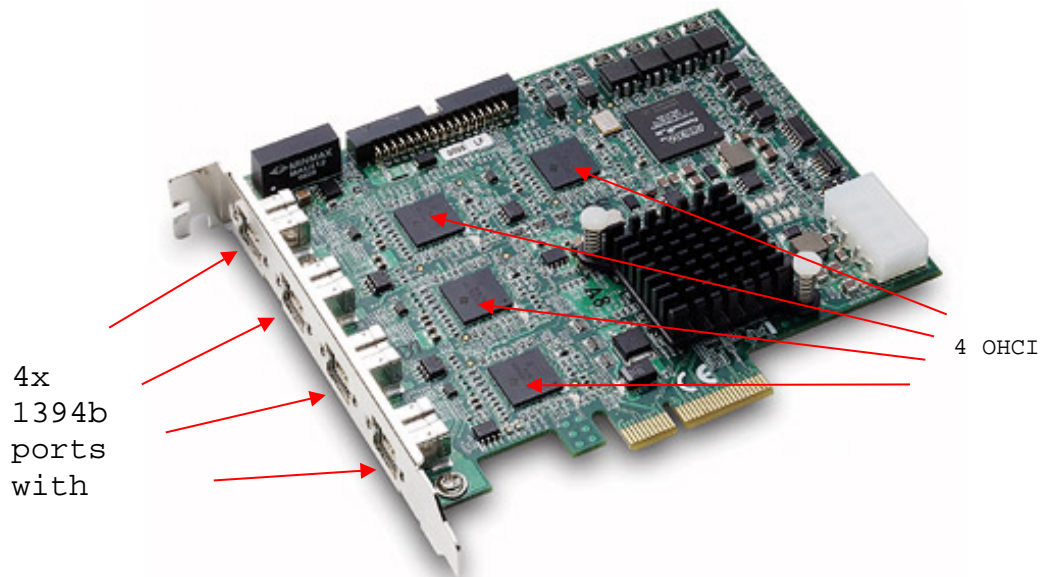


PCIe-FIW64



4 OHCI PCI Express 1394b host adapter

This PCI Express adapter with four external 1394b bilingual screw lock connectors is designed for high speed computer-based machine vision applications.

The PCIe-FIW64 provides four IEEE 1394b ports. Each port is supported by its own OHCI bus controller. This allows connecting up to 32 AVT cameras, especially **Guppy PRO**, **Stingray** and **Pike (1394b)**. **Marlin**, **Guppy** and **Oscar** cameras can also be connected by the use of legacy cables.

The PCIe-FIW64 also includes four isolated programmable trigger output pulses to manage trigger events such as activating a strobe light.

Highlights

- 4 x 1394b ports with industrial screw lock connectors
- 4 x 1394b OHCI bus controllers
- PCI Express® x4 compliant
- Compliant with IEEE 1394b (2002) and backward compatible with IEEE1394a (2000)
- 1394b data transfer rate up to 800 MBit/s
- Up to 32 cameras parallel acquisition (bandwidth sharing)
- Supports Windows Vista / XP/ XP embedded
- Compatible with all AVT Software Packages¹
- Power-in connector to directly supply power to the 1394b bus

Digital and Trigger I/Os

- Four isolated digital inputs and outputs
- Four isolated trigger inputs and outputs

¹ For details refer to the corresponding releases or contact your sales representative

Technical Specifications

Feature	Description
Adapter Type	IEEE1394a/b <- -> PCI Express
Interface	x4 PCI Express
Ports	4x 1394b bilingual, supplying up to 1A bus power when externally powered ¹
Speed	4x100, 4x200, 4x400, 4x800 Mbit/s transfer rate
Bandwidth	4x100/4x80/4x64 MByte/s at 800 Mbit/s (gross/net/video)
# cameras (DMA's)	Up to 32 (8 per port)
Compliance	RoHS
Dimensions	129.5 x 111.15 mm
Weight	60 g
External power in	12 V HDD power supply connector
Operating temp.	+0 ° ... 55 °Celsius

Ordering information:

		Order Key
Quad OHCI adapter 4x1394b	PCI Express, 4 OHCI 1394b-buses, 4x9 pol. (screw.) connector; FIW64	K0000387

¹ Inrush current per camera maybe higher than nominal power consumption