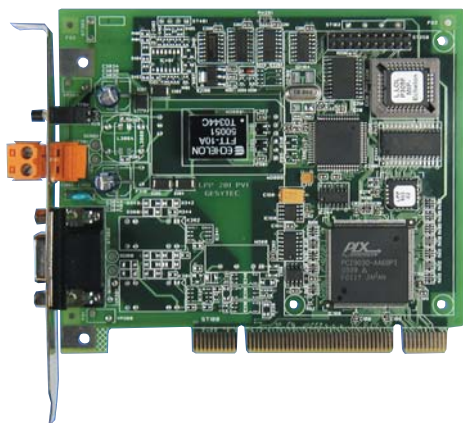


## Easylon® PCI-Bus Interface

### LonTalk® Adapter for PCI Bus PC

- FTT-10, FTX, TP/XF-78, TP/XF-1250 or EIA-485 transceiver
- For networks with or without LNS
- Drivers for DOS, Windows and Linux
- D-type plug and screw-plug terminal
- User programmable



The Easylon PCI-Bus Interface is a LonTalk adapter connecting PCI-bus PCs to LONWORKS and other EIA-709.1 compatible control networks.

The board, proven in industrial environment is equipped with alternatively usable screw-plug terminal and D-type connector for connection to the LONWORKS network. Customized versions can be fitted with RJ45 jacks instead of the D-type connector or the smaller Phoenix instead of Weidmüller connectors.

A variant with optically isolated EIA-485 transceiver is available further to the usual FTT-10 and TP/XF transceiver versions. The boards can also be fitted with direct connect or FTX smart transceiver.

**PCI-BUS INTERFACE** according to PCI-Bus standard 2.2;  
supports 3.3 and 5 V systems and PCI-X  
parallel, slave\_A mode

Coupling

#### NETWORK INTERFACE

Transceiver variants TPT/XF-78, TPT/XF-1250, FTT-10, FTX, DC-1250, or EIA-485 (39 Kbps)

Connectors 9 pin D-type and  
2 pin screw-plug terminal (not with EIA-485)  
options - RJ45 instead of D-type;  
- Phoenix (3.81 mm) instead of Weidmüller (5.08 mm) connector

Compatibility LonTalk, EIA-709.1

#### POWER SUPPLY

Voltage 5 V, from PC

Power consumption 2 W typically

#### DISPLAY & OPERATION

LED service

Push button service

#### DIMENSIONS & ENVIRONMENTAL CHARACTERISTICS

Dimensions 105 x 130 [mm], incl. connectors

Temperature operating 0 – +50 °C  
storage -20 – +60 °C

Humidity class F, accord. DIN 40 040, no condensation

EMC emission EN 55 022 A/B  
immunity EN 61 000-6-2

#### SOFTWARE

Drivers for Windows Vista, XP, 2003 Server, 2000, ME, NT, 98SE, 95  
Linux Kernel 2.2, 2.4, 2.6  
others DOS, RT kernel, more on request

Firmware NSI for LNS based applications  
MIP/P50 for networks without LNS applications

#### EASYLON PCI-BUS INTERFACE

with transceiver type t and

- MIP/P50 firmware P.P1020t  
- NSI firmware P.P1021t

For versions for 3.3 V systems extend order code by -3

Transceiver types: t = 1 = TP/XF-78 4 = FTT-10  
2 = TP/XF-1250 5 = Direct Connect  
3 = EIA-485 6 = FTX

