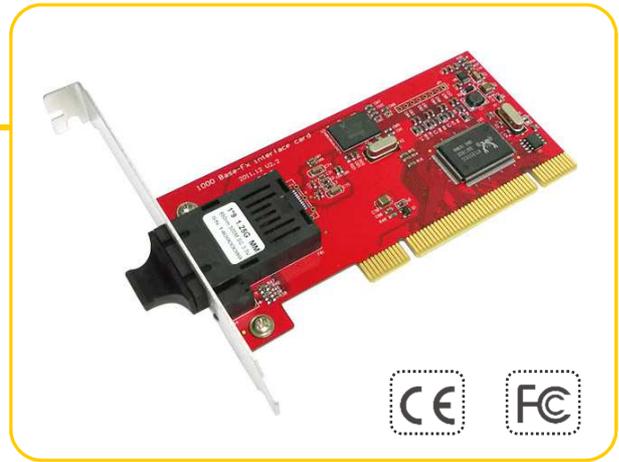# OPT-921 Series
Network Interface Card
1000Base-FX PCI

RoHS Compliant

>>Description

The 1000BASE-X Gigabit Ethernet PCI Adapter is a 32-bit LAN adapter for use in personal computers with PCI computer bus slots. This adapter features a mini-GBIC fiber connector (SFP) for a 1000 Mbps IEEE 802.3z Ethernet network connection over optical fiber cable. The series provides different fiber transceiver types supporting short, middle, and long reach applications.

>>Specifications

Driver Support	Windows 2003/XP/7/8/10, Netware Server, Linux
Standards	IEEE 802.3z 1000Base-SX/LX
Host Interface	32-bit PCI Version 2.1 / 2.2 / 2.3
Network Interface	1 x Optical port (SFP/1x9 Option) 1000Base-FX
Network Cables	50/125 μm multi-mode fiber up to 500m
	62.5/125 μm multi-mode fiber up to 220m
	9/125 μm single-mode fiber up to 120km
LED Indicators	Power Status, FX Link/Act
Dimensions	119 x 58 mm
Environmental Limits	Operating Temperature: 0°C to 50°C
	Storage Temperature: -20°C to 70°C
	Relative Humidity: 5% to 90% non-condensing
Agency Approvals	FCC Part 15 of Class A & CE approved
Warranty	3 years

>>Ordering Information

OPT-921M	Gigabit Ethernet Adapter, Multi-mode, 0.5km, SC/ST option
OPT-921S	Gigabit Ethernet Adapter, Single-mode, 20km, SC/ST option
OPT-921	Gigabit Ethernet Adapter with SFP Support

>>Main Features

Supports 32-bit 33/66MHz PCI of Rev.2.1/2.2/2.3 specification

IEEE 802.3z 1000Base-SX/LX compliant

Provides Tx 8K / Rx 64KB RAM buffer

Supports full duplex operation up to 2000Mbps data rate over fiber

Supports full duplex flow control

Plug-and-Play installation

Provides LED indicators for easy diagnostic

Provides SFP to support variety of fiber transceivers

Complete driver support for most operating systems

Supports 802.1Q VLAN tagging

Supports Jumbo Frame up to 7k bytes

>> Optional SFP

Model	Rate	Wavelength	Distance	Connector
SFP-SX-MM-0205	1.25G	850nm	500m	LC
SFP-LX-SM-0220	1.25G	1310nm	20km	LC
SFP-LX-SM-0240	1.25G	1310nm	40km	LC