

N70150 - 1000Base-X PCI Adapter

Product Features

- Supports 32-bit 33/66Mhz PCI (Rev. 2.1/2.2/2.3)
- IEEE 802.3z 1000Base-SX/LX Compliant
- 8K Tx RAM Buffer / 64K Rx RAM Buffer
- Supports full duplex operation up to 2000Mbps
- Supports full duplex flow control
- Plug-and-Play Installation
- LED indicators for easy diagnostics
- SFP slot to support a variety of SFP fiber modules
- Driver support for most operating systems
- Supports 802.1Q VLAN tagging



Technical Specifications

Standards:	IEEE 802.3z 1000Base-SX/LX
Network Port:	SFP for 1000Mbps Mini-GBIC SFP Modules
Host Interface:	32-bit 33/66Mhz PCI (Rev. 2.1/2.2/2.3)
LED Indication:	SFP Status, Link Status, Optical Status
Network Cables:	Multi-Mode Fiber (MMF): 50/125µm, 62.5/125 µm Single-Mode Fiber (SMF): 9/125 µm
Transfer Rate:	Gigabit Ethernet: 2000Mbps (Full-Duplex)
Driver Support:	Windows XP, 2000, 2003, VistaX32/64, Linux, Netware
Buffer Memory:	Tx = 8K, Rx = 64K
Power Consumption:	3.3V/400mA max.
Dimensions:	(130 x 65 mm)
Environment:	Operating Temperature: 0° C ~ 50° C Storage Temperature: -20° C ~ 85° C Humidity: 5% ~ 95% non-condensing
Laser Eye Safe:	IEC 60825-1 Class1/CDRH Class 1
Approval:	FCC Class B, CE CISPR22 Class B

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Available Mini-GBIC SFP Modules

Model	Wavelength	Media	Distance	Connector	TX Power	RX Sens	Temp
GBMM	850nm	MMF	220m(62.5/125) 550m(50/125)	LC	-9.5 ~ -4	< -18	0 to 70° C
GB2MM	1310nm	MMF	2km	LC	-9 ~ -1	< -19	0 to 70° C
GB10SM	1310nm	MMF SMF	550m 10km	LC	-9.5 ~ -3	< -20	0 to 70° C
GB20SM	1310nm	SMF	20km	LC	-4 ~ +1	< -24	0 to 70° C
GB40SM	1550nm	SMF	40km	LC	-4 ~ +1	< -24	0 to 70° C
GB70SM	1550nm	SMF	70km	LC	0 ~ +5	< -24	0 to 70° C
GB10SFA	Tx: 1310nm Rx: 1550nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB10SFB	Tx: 1550nm Rx: 1310nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB20SFA	Tx: 1310nm Rx: 1550nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB20SFB	Tx: 1550nm Rx: 1310nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB40SFA	Tx: 1310nm Rx: 1550nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB40SFB	Tx: 1550nm Rx: 1310nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB40SFCxx	Tx: xx = 1xx0nm Rx: 1100-1650nm	SMF	40km	LC	-5 ~ 0	< -24	0 to 70° C
GB80SFCxx	Tx: xx = 1xx0nm Rx: 1100-1650nm	SMF	80km	LC	-5 ~ 0	< -24	0 to 70° C