



As a pioneer in PCI technology, ZNYX is known for providing its customers with innovative product that is unparalleled in compatibility and quality. ZNYX continues this tradition with its NetBlaster multi-channel adapter cards.

### Industry-Standard Compatibility

Available in two and four-channel Fast Ethernet configurations, NetBlaster multi-channel adapters offer the greatest flexibility in supporting the widest range of platforms including Intel® Pentium® and compatibles, PowerPC® and Digital® Alpha PCI processors. ZNYX's comprehensive driver suite is designed to support the most popular network environments such as Microsoft® Windows® NT and Novell® NetWare®.

### Superior PCI Performance

NetBlaster multi-channel adapters provide top performance in either shared or switched

networks with 10BaseT or 100BaseTX in half or full duplex (which can effectively double network throughput). Based on PCI bus architecture, each adapter interfaces directly with the system to minimize CPU utilization offering full 32-bit data transfer rate with bus mastering. Plug-and-play configuration and software installation eases setup. Industry-standard Auto Negotiation makes upgrades a snap on the Fast Ethernet models—no need to change confusing DIP switches, re-connect cables or re-install software drivers.

### Four Performance Choices

The NetBlaster multi-channel series includes two models: the ZX346 Fast Ethernet is a four-channel adapter designed to support up to four separate network segments. This adapter is a cost-effective solution for small to mid-size workgroups and servers running bandwidth intensive applications. The two-

channel ZX348 Fast Ethernet offers the most popular configuration for network servers or workgroups. Each channel can be connected directly to a workstation or switch for full duplex operation with one cable.

### Quality Service and Support

ZNYX prides itself in providing our customers with the best technical support in the industry. Our knowledgeable technical support staff has won accolades from our customers and high marks from industry publications. ZNYX's comprehensive support services include toll-free telephone, fax, BBS, FTP, email and the worldwide web. All NetBlaster adapters are backed by ZNYX's 30-day money-back guarantee and limited lifetime warranty. And ZNYX multi-channel adapters are made in the USA.

- ▶ Multi-channel design uses only one PCI slot in the computer system to reduce data load on PCI bus and provides faster data transfer between network channels
- ▶ Complete compliance with all industry standards: PCI 10BaseT and 100BaseTX, full-duplex, Plug-and-play, and IEEE Auto Negotiation
- ▶ Supports a wide range of computing platforms including high performance servers and workstations

# NetBlaster™

# Flexible

High density design provides faster data transfer between network channels



FAST ETHERNET ADAPTERS



Multi-Channel Adapters

Model Numbers	NetBlaster ZX346 four-channel Fast Ethernet NetBlaster ZX348 two-channel Fast Ethernet
Connectors	One RJ-45 per channel
Media	10BaseT: Category 3, 4 or 5 UTP; 100BaseTX: Category 5 UTP;
Bus Interface	PCI Revision 2.1 and compliant with proposed Revision 2.2
Data Transfer	PCI bus master with burst mode DMA capability
Host Channel Speed	1 Gbps (1,000 Mbps)
Channel Speeds	Fast Ethernet: 10/100 or 20/200 per channel with full-duplex (IEEE Auto Negotiation); Ethernet: 10 Mbps or 20 Mbps per channel with full-duplex
Maximum Channels	Limited to host PCI slot availability
Configuration	Plug-and-Play
Hardware Interrupts	PCI INTA# (supports shared interrupts)
Reliability	Calculated MTBF > 200,000 hours
Controllers	ZX346 and ZX348: DECchip 21140 with DECchip 21052 PCI bridge
Power	1.2A @ 5V typical
Safety	UL / c(UL)
Temperature	0 to 50°C (32 to 122°F)
Humidity	Maximum of 90%, non-condensing
Certifications	FCC part 15, Class B, CE, CISPR22 Class B, IEC 801-2, 801-3, 801-4
Dimensions	ZX346 and ZX348: 9.8" x 3.9"
LEDs	Link and activity (one per channel)
Driver Support	Microsoft Windows NT 4.0, 3.x; Microsoft Windows for Workgroups 3.1x; Microsoft Windows 95; Novell NetWare 4.x, 3.1x; and many other popular network operating systems. Contact ZNYX for the latest information.
Manufacture	Designed and manufactured in the USA
Warranty	Limited lifetime, 30-day money-back guarantee*
Technical Support	Telephone, facsimile, email, BBS, FTP, worldwide web

## Your Partner in Networking

ZNYX is a leading worldwide supplier of scalable, PCI-based solutions for servers and workstations. First in the industry to ship single and multi-channel PCI Ethernet and Fast Ethernet adapters, ZNYX offers a full line of PCI-based products for both the PC and Macintosh including:

- ▶ Integrated Server Switches
- ▶ Multi-Channel Ethernet and Fast Ethernet Adapters

**ZNYX Corporation**  
**48501 Warm Springs Blvd.,**  
**Suite 107**  
**Fremont, CA 94539 USA**

Toll Free: (800) 724-0911  
Tel: (510) 249-0800  
Fax: (510) 656-2460  
BBS: (510) 656-7969  
WWW: www.znyx.com

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\*Contact ZNYX for details.

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