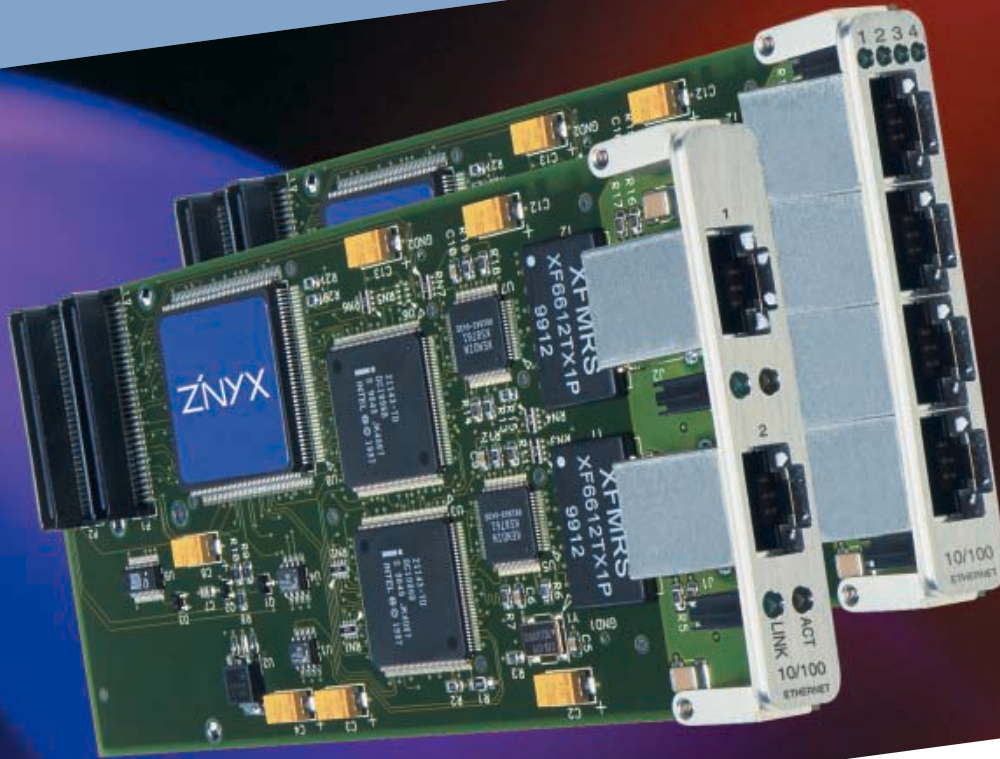


# ZNYX Networks

PMC

## ZX210 Series Multi-Channel Fast Ethernet Adapters



The ZNYX Networks ZX210 Series is a family of Fast Ethernet adapters for PMC (PCI Mezzanine Connector) systems. With an innovative, integrated design, the ZX210 Series is ideal for embedded and telephony applications.

### RJ-45 Connectors

The ZX210 Series uses low-profile, flush-mounted RJ-45 connectors for more reliable network connections. No fragile transition cables are required – minimizing inventory and installation procedures. This reduces the number of items that need to be installed, supported, and stocked, increasing reliability and minimizing support and installation procedures.

### Proven Design

The design of the ZX210 Series is based upon ZNYX Networks' proven networking technology, making it 100% software compatible with the PCI, PIM, and CompactPCI product families.

### Comprehensive Driver Suite

ZNYX Networks' broad driver suite covers popular operating systems including:

Windows NT <sup>®</sup>	pSOS+ <sup>®</sup>
Solaris <sup>®</sup>	LynxOS <sup>®</sup>
UnixWare <sup>®</sup>	QNX <sup>®</sup>
VxWorks <sup>®</sup>	Linux

### High Availability Networks

ZNYX Networks' RAINlink™ software provides redundant links, automatically detects failures, and switches connectivity

to a backup link. RAINlink enables the construction of high availability networks where network downtime is unacceptable.

### Link Aggregation

RAINlink software includes link aggregation (trunking) to combine multiple Ethernet channels into a single high performance connection. RAINlink supports both system-to-system and system-to-switch trunking.

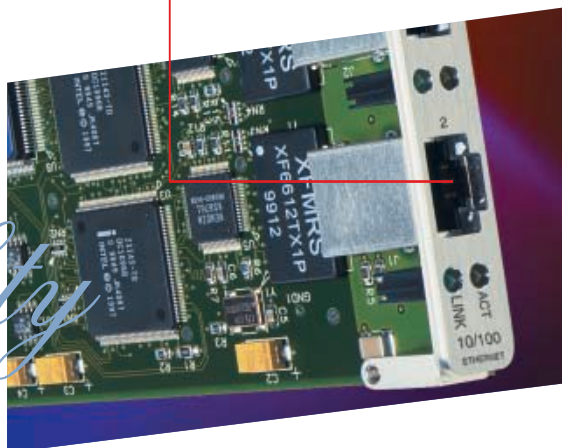
### Portable Driver Kit

ZNYX Networks' modular PDK is available with or without RAINlink to speed development of support for proprietary and other operating systems across a number of microprocessors.



- ▶ Two or four channels
- ▶ No transition cable required
- ▶ RAINlink software supports redundant links and fast failover for high availability applications
- ▶ Link and Activity LEDs

No Transition Cable  
Required



FAST ETHERNET ADAPTERS

High Availability

ZX210 Series  
Multi-Channel  
Fast Ethernet  
Adapters

Model Numbers	ZX212 two-channel Fast Ethernet ZX214 four-channel Fast Ethernet
Connectors	One RJ-45 per channel
Media	10BaseT: Category 3, 4 or 5 UTP; 100BaseTX: Category 5 UTP
Bus Interface	PCI 2.1 Compliant
Data Transfer	32 bit PCI bus master with burst mode capability
Host Channel Speed	32 bit address/data at 33MHz
Channel Speeds	Ethernet/Fast Ethernet: 10/100 or 20/200 per channel in full-duplex mode (IEEE Auto Negotiation)
Maximum Channels	Limited to PMC slot availability
Hardware Interrupts	ZX212: PCI INT A, B; ZX214: PCI INT A, B, C, D
Reliability	Calculated MTBF > 120,000 hours (MIL HDBK 217)
Controllers	Intel 21143 and Intel PCI Bridge 21152
Power	ZX212: 0.68A @ 5V ZX214: 1.2A @ 5V
Safety	UL / c(UL)
Temperature	0 to 70°C
Humidity	Maximum of 90%, non-condensing
Certifications	FCC part 15, Class A, CE, CISPR22, IEC 801-2, 801-3, 801-4
Dimensions	CMC Single; 74 x 149 mm
LEDs	ZX212: Link and Activity (each) ZX214: Link and Activity (shared)
Driver Support	Windows NT, Solaris, UnixWare, VxWorks, pSOS+, LynxOS, QNX, Linux. Portable Driver Kits. See <a href="http://www.znyx.com">www.znyx.com</a> for latest driver information.
Manufacture	Designed and manufactured in the USA
Warranty	1 (one) Year Warranty
Technical Support	Telephone, fax, email, World Wide Web

## High Availability LAN Solutions

ZNYX Networks is the leading supplier of PCI, PMC, PIM, and CompactPCI network adapters and CompactPCI Switches for commercial, industrial and telephony applications:

- ▶ Single and multi-channel LAN adapters
- ▶ RAINlink high availability software
- ▶ VLAN adapters for Cisco ISL and Token Ring ISL networks
- ▶ Drivers for Windows, NetWare, Mac OS, UNIX, RTOS and more
- ▶ Portable driver kit for custom environments

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