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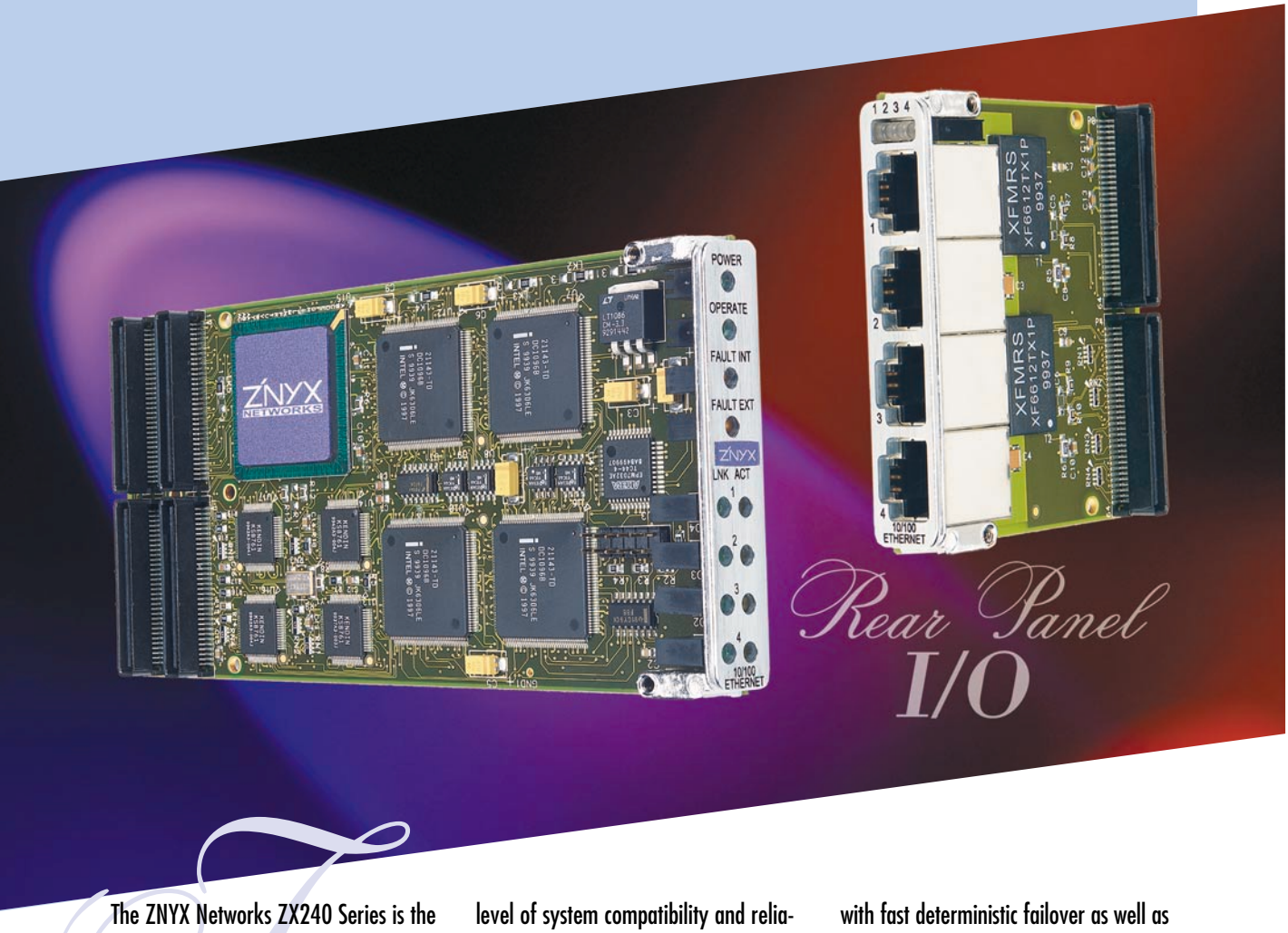
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Find the *ZNYX Networks ZX244L* at our website: ***Click HERE***

ZNYX Networks
PIM/PMC

ZX240 Series Multi-Channel PIM/PMC Fast Ethernet Adapters



The ZNYX Networks ZX240 Series is the first industry standard PIM (PMC Interface Module) Ethernet product on the market. Combining ZNYX's proven PMC architecture with Rear Panel I/O makes the ZX240 series ieal for embedded and data communications applications.

High Performance
The ZX240 features a fast 64 bit / 66 MHz host channel interface to provide maximum throughput to each channel while ensuring minimum latency. Standard 32 bit / 33 MHz bus connections are also supported.

Proven Design
The design of the ZX240 is based upon the PIM VITA 36 open standard jointly developed between ZNYX Networks and Motorola Computer Group, to ensure the highest level of system compatibility and reliability.

Rear Panel I/O
The ZX240 provides the flexibility of PMC, with the accessibility of Rear Panel I/O, making PIM the choice solution for telephony applications.

Transparent Bridge
Each individual channel fo the ZX240 series is recognized as a seperate device, allowing increased configuration flexibility. All four channel have the ability to operate either seperately, or as a single 400/800 Mbps trunk using RAINlink.

RAINlink™
High Availability Software
Embedded into the ZX240's drivers, RAINlink High Availability software provides continuous connectivity to LAN infrastructures through link redundancy with fast deterministic failover as well as system-to-system and system-to-switch trunking. RAINlink's automatic load balancing measures packet traffic and re-routes traffic across the trunked link to fully utilize the packet pipeline.

Popular Driver Support
ZNYX Networks has a broad driver suite that covers popular operating systems including:

Windows NT/2000®	pSOS+®
Solaris®	LynxOS®
VxWorks®	Linux
FreeBSD	BlueCat Linux®

LAN on Backplane
A special ZX244L model is also available to operate in the Motorola LAN on Backplane chassis. Under this configuration, the ZX244L supplies the IP bus with up to 800 Mbps of data throughput.

66 MHz 64 Bit — PCI INDUSTRIAL PICMG COMPUTERS

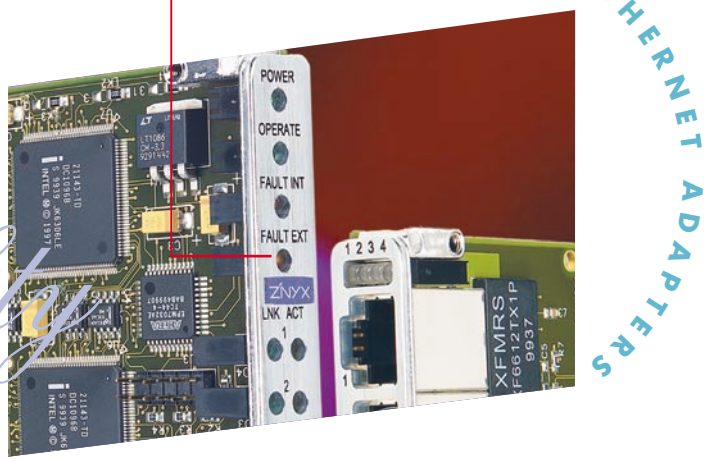
- 64 bit/ 66 MHz host connetion
- Rear Panel I/O
- RAINlink software provides High Availability and up to 400 mbps bandwidth
- Diagnostic LEDs including: Power, Operate, and Internal/External Fault

ZNYX NETWORKS

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ZNYX Networks
PIM / PMC

High Availability



ZX240 Series Multi-Channel PIM/PMC Fast Ethernet Adapters

Model Numbers	ZX244F four-channel Front Module ZX244R four-channel Rear Transition Module or ZX244L four-channel LAN on Backplane Module
Connectors	One RJ-45 per channel (No RJ-45's for ZX244L model)
Media	10BaseT: Category 3, 4 or 5 UTP; 100BaseTX: Category 5 UTP
Bus Interface	PCI 2.2 Compliant
Data Transfer	32 bit secondary PCI bus master with burst mode capability
Host Channel Speed	64 bit address/data at 66 MHz or 33 MHz 32 bit address/data at 66 MHz or 33 MHz
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	ZX244: PCI INT A, B, C, D
Reliability	Calculated MTBF > 90,000 hours (MIL HDBK 217)
Controllers	Intel 21143 and Intel PCI Bridge 21154
Power	ZX244: 1.4A @ 5V
Safety	Not Yet Tested
Temperature	0 to 50°C (32 to 122°F)
Humidity	Maximum of 90%, non-condensing
Certifications	FCC Class A , CE
Dimensions	ZX244F, ZX244L: CMC Single; 74 x 149 mm (PMC) ZX244R: 74 x 69 mm (PIM)
LEDs	ZX244F, ZX244L: Power, Operational, Internal/External Fault Link(each channel), and Activity(each channel) ZX244R: Link/Activity (each channel)
Driver Support	Windows NT, Solaris, UnixWare, VxWorks, pSOS+, LynxOS, Linux. Portable Driver Kits. See www.znyx.com for latest driver information.
Manufacture	Designed and manufactured in the USA
Technical Support	Telephone, fax, email, World Wide Web

High Availability LAN Solutions

ZNYX Networks is the leading supplier of PCI, PMC and CompactPCI network adapters and switches for commecial, industrial, and telephony applications:

- Single and multi-channel LAN adapters
- CompactPCI Ethernet Switches
- RAINlink High Availability software
- Carrier Class LAN solutions for the telecommunica tions environment
- Drivers for all popular UNIX, Windows, General Purpose OS's, and RTOS's.
- Portable Driver Kit for custom environments

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
WWW: www.znyx.com

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