

The ideal solution for high-speed Frame Relay connectivity



ARTIC960Rx Frame Relay PCI Adapter

Highlights

- PCI V2.1 compliant intelligent adapter
- Two ports supporting data rates up to 2.048Mbps including 56/64Kbps, T1, E1, and Fractional T1 & E1
- Intel i960 RP processor
- 4MB memory on-board
- Cable-selected interfaces include V.35 DTE or DCE, EIA-232, X.21, RS-449, EIA-530, and V.36



The ARTIC960Rx Frame Relay PCI Adapter is intended for businesses requiring a high performance T1/E1 WAN solution through one or two ports of Frame Relay protocol up to T1 (1.544Mbps) or E1 (2.048Mbps) data rates on each port. When used with the appropriate workstation or server software package, this intelligent adapter will process the Frame Relay protocol on the adapter instead of placing the protocol burden on the host server and can replace usage of a Frame Relay Access Device (FRAD) or router.

This adapter is optimized to provide Frame Relay and other protocol connectivity to existing telco and private network wide-area-network (WAN) services. Each of the two ports are independently configurable and provide bandwidth capability including 56/64Kbps, Fractional T1 & E1, 1.544Mbps T1, and 2.048Mbps E1.

The multiple T1/E1 approach will be the basic service platform for implementing emerging network applications such as Virtual Private Networks (VPNs), video over IP, and e-commerce.

Frame Relay usage is rapidly expanding as the WAN connectivity of choice across most industries with telephony service providers structuring more competitive rates for T1 and E1 speed Frame Relay lines. Frame Relay is commonly the underlying transport mechanism for today's high-speed Internet access

(IP) and SNA applications.

The complete IBM Frame Relay solution includes the ARTIC960Rx Frame Relay PCI Adapter along with the appropriate cable based on the electrical interface connection required and software support and drivers installed in a server or commercial desktop computer.

The cables provide the physical connection and are available in a variety of electrical interfaces that include V.35 DTE and DCE, V.36, EIA-232, EIA-530, RS-449, and X.21.

The software support and driver offerings are available via the ARTIC website at: <http://www.pc.ibm.com/us/support/options/artic.html> and include support for the Windows NT and OS/2 Warp environments. ARTIC software support is summarized below.

[Microsoft Windows NT Server and Workstation - IP/Frame Relay with SNMP](#)

[IBM eNetwork Communications Server for Microsoft Windows NT-SNA/X.25, SNA/SDLC](#)

[Microsoft SNA Server - SNA/X.25, SNA/SDLC](#)

[IBM eNetwork Communication Server for OS/2 Warp - SNA/Frame Relay, SNA/X.25, SNA/SDLC](#)



Part numbers	
ARTIC960Rx Frame Relay PCI	87H3800
Physical	Length 185mm (7.3") Width 124mm (4.9") Depth 21.6mm (0.8")
Operating environment	Temperature 1 - 52° C Relative humidity 5% - 95% Power consumption 1.45A at +5 V 43mA at +12V
Operating system support	Windows NT, OS/2 Warp, AIX,
Agency approvals	FCC Class A, This product complies with Council Directives EN60950 + AMD 2 (safety), EN55022 Class A, (CISPR-22, Class A), EN50082 -1 (EMC), CTR1 and CTR2 (telecom), and is affixed with the CE Mark. VCCI Class A (EMC), AS/NZS 3548 Class A (EMC Australia), MIC Class A (EMC Korea)
Ship group	adapter, installation manual, software
Limited warranty	3 years
Need more information?	
Reseller locator	For the name of the authorized IBM reseller nearest you
US	1-800-426-7255 ext 4753
Canada	1-800-426-2255
Online information World Wide Web	Frequently updated information on Options products, Thinkpad products, user forums, technical support, IBM Personal Systems Group downloadable files and more
US	www.ibm.com/options
Canada	www.ibm.com/pc/ca/options
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