Offload communications applications using the ARTIC family of coprocessors!

ARTIC X.25 PCI Adapter

IBM

Highlights

- Offers a powerful, flexible communications connection for PCI bus-based applications

- Provides a single port of high-speed synchronous or asynchronous communication

- User programmable for customized and third-party configurations

- Offloads interrupt handling and protocol layers

- Reduces power consumption and increases reliability through highly integrated technology

- Comes with multiple electrical interfaces for worldwide use

- Protects the investment of those migrating between bus environments

ARTIC is an acronym for A Realtime Interface Coprocessor. The ARTIC family of general-purpose coprocessor adapters can off-load realtime demands, facilitate high-speed communication tasks, and provide front-end processing for a variety of communications data.

The high-performance ARTIC X.25 PCI is a powerful and intelligent adapter that supports applications requiring high-speed synchronous or asynchronous communications. It requires a one-half size PCI slot and is application- and cable-compatible with ISA and Micro Channel ARTIC X.25 adapters. This means that applications can migrate seamlessly across all three bus architectures.

The availability of the ARTIC X.25 PCI allows users to select systems based on cost and performance without being restricted by the system bus. This means hardware and software investment protection for those using multiple bus architectures and for those migrating between architectures.

With its own processor, memory, control program, and selectable electrical interfaces, the ARTIC X.25 PCI Adapter can increase the speed and function of your system. In addition, it can manage both standard and non-standard protocols as well as buffer and process data directly on the adapter.

Equipped with an Intel 80C186 microprocessor and up to 1MB of memory, the ARTIC X.25 PCI Adapter provides a single serial I/O port with an electrical interface that is cable-selected from X.21, V.35 or V.24 CCITT standards. It is supported by multiple operating systems and is commonly used to provide high-speed Wide Area Networking (WAN) connections, like X.25, frame relay and SDLC. Like other ARTIC coprocessors, the ARTIC X.25 PCI also provides a user-programmable, realtime, multitasking environment for custom or proprietary protocols.

Part numbers		
ARTIC X.25 PCI	55H4501	
Physical	Length	181mm (7.1")
	Width	127mm (5.0")
	Depth	17.5mm (0.7")
Operating environment		
	Temperature	10 - 35° C
	Relative humidity	0% - 60%
Power consumption		
	4.8 V dc to 5.25 V dc	875 mA
	-5.5 V dc to -4.525 V dc	50 mA
	11.3 V dc to 12.7 V dc	25 mA
	-11.3 V dc to 12.7 V dc	25 mA
Operating system support	Windows NT, Windows 95, OS/2 Warp, AIX, Novell	
Agency approvals	FCC Class A, This product complies with Council Directives 89/336/eec and is affixed with the CE Mark. VCCI Class A (EMC)	
Ship group	PCI adapter, installation manual, software instructions	
Limited warranty	3 years	
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