Offload communications applications using the ARTIC family of coprocessors!

ARTIC X.25 ISA Adapter

IBM

Highlights

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

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

- 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 ARTIC X.25 ISA is a powerful and intelligent high-performance adapter that supports applications requiring high-speed synchronous or asynchronous communications. Because it is compatible with ISA-bus systems, the ARTIC X.25 ISA adapter makes it possible to transfer applications using the X.25 interface on Micro Channel or PCI systems to ISA systems. This means that users can tailor their systems based on cost and performance without being restricted by the system bus architecture.

A second benefit is investment protection - for both hardware and software - for those operating in ISA, PCI, and Micro Channel bus environments.

With its own processor, memory, control program and selectable electrical interfaces, the ARTIC X.25 ISA 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, this single-slot adapter provides a single serial I/O port, whose electrical interface is cable-selected from X.21, V.35 or V.24 CCITT standards.

The ARTIC X.25 ISA Adapter is supported by multiple operating systems and is commonly used to provide high-speed Wide Area Networking (WAN) connections, such as X.25, frame relay, and SDLC. As with other ARTIC adapters, it also provides a programmable, realtime, multitasking environment for customer or proprietary protocols.

Part number ARTIC X.25 ISA	71G6460	
Physical	Length	174.7mm (6.9")
	Width	17.8mm (0.7")
	Height	106.7mm (4.2")
Operating environment		
	Temperature	0 - 60º C
	Relative humidity	5% - 90%
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, CISPR 22 Class A (EMC), This product complies with Council Direc-tives EN55022 Class A is affixed with the CE Mark. VCCI Class A (EMC)	
Ship group	ISA adapter, installation manual, software instructions	
Limited warranty	3 years	
Need more information?		
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