

# Offload communications applications using the ARTIC family of coprocessors!



## ARTIC186 8-Port PCI Adapter

### Highlights

- Eight ports integrated on adapter, individually selectable between RS-232 and RS-485/RS-422
- Program compatibility with existing IBM ARTIC Multiport family
- Utilizes existing Multiport 8-port cables
- Operates in PCI-compatible computers
- 1MB dual ported, parity, on-board memory



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 ARTIC186 8-Port PCI Adapter with the integrated functions of an 80C186 microprocessor and 1MB memory, provides a cost-effective solution for multiple device and communication line attachment. This adapter is fully compatible with the ISA version, the ARTIC186 8-Port Adapter as well as existing Multiport RS-232 and RS-422/RS-485 applications, offering users a cost-effective migration path.

The eight independent serial I/O ports on the adapter are individually selectable between RS-232 and RS-485/RS-422.

Two ports support a choice of asynchronous, bit sync, or character synchronous protocols; the remaining six ports are asynchronous only. Using DMA, one port can operate at 38.4 Kbps full-duplex while a second can operate at a max of 19.2 Kbps. All ports may run concurrently at 9.6Kbps.

An 8-port modem attachment cable is also available.

End-users and integrators can install and configure this adapter in standard communication software packages with existing device drivers for NT, OS/2 Warp, Unixware, and others. Using the ARTIC development tools, developers can create state-of-the-art communication solutions such as connections to computerized reservation systems, manufacturing process control, wide area networking, and multi-terminal connections

End-users can apply this technology when combined with an IBM solution or using OEM or third party device drivers and applications.



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<b>Part number</b>	
ARTIC186 PCI Adapter	87H3675
<b>Physical</b>	
Length	342.9mm (13.5")
Width	106.7mm (4.2")
Depth	17.5mm (0.7")
<b>Operating environment</b>	
Temperature	0 - 60° C
Relative Humidity	5% - 90%
Power consumption	
4.8 V dc to 5.25 V dc	1.5 A
-5.5 V dc to -4.525 V dc	0 mA
11.3 V dc to 12.7 V dc	175 mA
-10.8 V dc to -13.2 V dc	150 mA
<b>Operating system support</b>	
Windows NT, OS/2 Warp, AIX,	
<b>Agency approvals</b>	
FCC Class A, CISPR 22 Class A (EMC), This product complies with Council Directives EN55022 Class A is affixed with the CE Mark. VCCI Class A (EMC)	
<b>Ship group</b>	
PCI adapter, installation manual, software instruction sheet	
<b>Limited warranty</b>	
3 years	
<b>Need more information?</b>	
<b>Reseller locator</b>	
For the name of the authorized IBM reseller nearest you	
US	1-800-426-7255 ext 4753
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