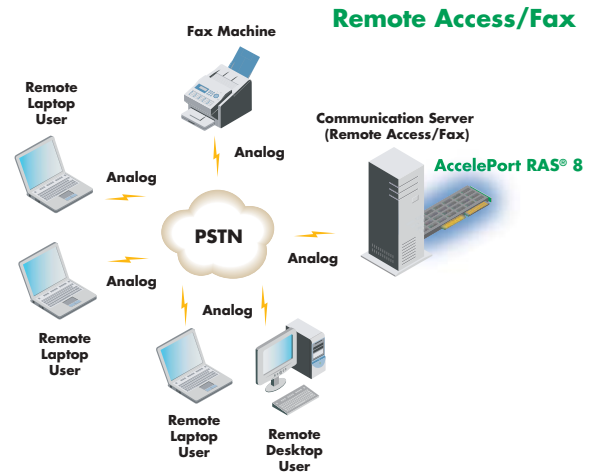


# AccelePort RAS®

Multi-Modem Adapter

The AccelePort RAS family of high-performance universal PCI multi-modem adapters is ideal for demanding applications such as fax, data acquisition, remote access and modem pooling.



## Features/Benefits

- Up to eight ports with full V.90 modem and fax support
- Highly flexible design based on Digital Signal Processors (DSPs)
- Universal PCI adapter supporting 3.3V and 5V PCI systems
- Scalable system architecture
- Wide operating system and third-party application support
- 5-year warranty

## Overview

Digi's AccelePort RAS family of multi-modem analog adapters provides the widest compatibility and most powerful performance available. For demanding applications such as fax servers, remote access, data acquisition and modem pooling, you won't find a better product line than the AccelePort RAS Family.

### High Speed Multi-Modem Adapters Support Four or Eight Channels

AccelePort RAS multi-modem adapters integrate high density analog modems supporting four or eight channels in a single PCI slot. Multiple AccelePort RAS cards can be installed in a single server so capability can be added as system needs grow.

### Advanced DSPs Support V.90 Modem and Advanced Fax Communications

The dense modem technology built into the AccelePort RAS hardware is based on industry-standard Digital Signal Processors (DSPs). On-board DSPs provide advanced modem and fax support and maximize the efficiency of each communications channel. Each AccelePort® channel operates independently and supports the widest range of analog clients for complete and accurate call completion at the highest data rate possible.

### OS Integration and Use of Standard APIs

The AccelePort RAS family integrates with and takes advantage of the inherent communication capabilities already built into your operating system environment. Use of standard APIs means installation and management of your ports is completely familiar and intuitive to network administrators. In addition, the AccelePort RAS family facilitates simple deployment of software application solutions based on existing interfaces provided in the operating system.



# Features/Specifications

## GENERAL SPECIFICATIONS

### Port Density

- 4 or 8 analog modems per slot

### Modem Type

- Digital Signal Processor (DSP)
- Software upgradeable

### Bus Type

- 32-bit PCI
- Bus Master Design
- Universal 3.3V and 5.0V PCI support
- PCI/PCI-X compatible

### Connector

- 4 or 8 RJ-11 modular connectors

## FAX FEATURE SET

- FAX class 2/2.0
- Class 2.0 Error Correction Mode
- Supports all optional class 2.0 data format conversions including:
  - Normal Image
  - Fine Image
  - MH (1D) Image Conversion
  - MR (2D) Image Conversion
  - MMR Image Conversion
- Copy Quality Checking and Receive Quality Thresholds
- Adaptive Answering
- Automatic Page Header Generation (TSI Banner)
- Distinctive Ring

## MODEM STANDARDS COMPATIBILITY

### Data Modes

- V.90
- K56flex
- V.34, V.32 bis, V.32, V.24 bis, V.23, V.22bis, V.22, V.21
- Bell 212a, Bell 103,

### Compression

- V.42 bis
- MNP Class 2, 4, and 5

### Error Correction

- V.42

### Fax Modes

- Group 3
- V.17, V.29, V.27 ter, V.21 channel 2

## OPERATING SYSTEMS

- Windows® 2003
- Windows XP
- Windows 2000
- Windows NT® 4.0\*
- Linux
- IBM AIX 4.2.1, 4.3.x, 5
- Novell\* NetWare 4.x and 5.x
- SCO UnixWare 7
- SCO OpenServer 5.x
- Sun Solaris 2.7, 8, 9
- HP-UX 10.20, 11.00, 11i

\* Legacy driver support only

## POWER REQUIREMENTS

### AccelePort RAS 4/8

- 1.3A @ 5V and 180 mA @ 12V

## DIMENSIONS

### AccelePort RAS 4/8

- Length: 12.2 inches (31.2 cm)
- Width: 4.2 inches (10.7 cm)

## REGULATORY APPROVALS

- FCC Part 15, Subpart B, Class B
- EN 50082-1
- UL Recognized, UL 1950
- FCC Part 68

## TELEPHONY

- DTMF generation and detection
- Call Progress detection

## MODEL.....PART NUMBERS

### Model

AccelePort RAS 4 North America  
 AccelePort RAS 4 Europe  
 AccelePort RAS 4 Germany, South Africa  
 AccelePort RAS 4 Australia, New Zealand, Switzerland  
 AccelePort RAS 4 Latin America (Mexico, Argentina, Chile)  
 AccelePort RAS 4 Asia (Japan, Singapore, Hong Kong, Korea, Taiwan)  
 AccelePort RAS 4 Israel, Hungary  
 AccelePort RAS 8 North America  
 AccelePort RAS 8 Europe  
 AccelePort RAS 8 Germany, South Africa  
 AccelePort RAS 8 Australia, New Zealand, Switzerland  
 AccelePort RAS 8 Latin America (Mexico, Argentina, Chile)  
 AccelePort RAS 8 Asia (Japan, Singapore, Hong Kong, Korea, Taiwan)  
 AccelePort RAS 8 Israel, Hungary

### Worldwide

77000616  
 77000617  
 77000618  
 77000619  
 77000775  
 77000776  
 77000777  
 77000583  
 77000584  
 77000585  
 77000586  
 77000772  
 77000773  
 77000774

## BUS CAPACITY

Unlimited AccelePort RAS DSP-based adapters can work together in the same server. Practical limitations are dependent on the capability of the server platform.

## ENVIRONMENTAL

- Operating temperature: 32° F to 122° F (0° C to 50° C)
- Relative Humidity: 5% to 90%, non-condensing
- Air movement: 30 CFM Forced
- Altitude: 0 to 12,000 feet (3657.6 m)