

## What Next?

At this point the hardware installation for your *AccelePort 2r 920* host adapter is complete. However, since the adapter must have software downloaded to its RAM before it becomes functional, you must next install the software drivers for your operating system.

- Read the instruction booklet for the CD-ROM that came with your adapter for instructions on installing software.
- View the on-line documentation on the CD-ROM for more information about *AccelePort* products.



## *AccelePort Xr Family:* **2r 920**

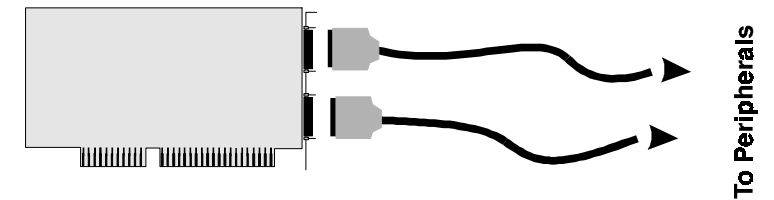
*PCI Host Adapter*  
*EIA-232*

## **Hardware Installation Guide**

### **Introduction**

An *AccelePort*® Xr 920™ host adapter easily expands the number of EIA-232 ports available on your computer, allowing you to attach additional peripheral devices, such as modems, ISDN terminal adapters, or serial printers, directly to your computer.

As shown in the figure below, a 2r 920 host adapter has two connectors, each providing an EIA-232 peripheral port connection.



*Figure 16. Example 2r host adapter*

This installation guide describes how to plan your setup and install an *AccelePort 2r 920* host adapter..

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## Step One: Plan your setup

An *AccelePort* Xr 920 adapter can be set up in a variety of ways. Before you start your installation, be sure of the following:

**Number of components.** You can connect two peripherals to an *AccelePort* 2r 920 host adapter.

**Location of components.** You can locate peripherals a distance from the adapter, but you must be sure that the cables you use to make the connection are properly constructed. To achieve the greatest reliability over distance, cables should be:

- Shielded, low capacitance, and preferably designed specifically for serial data transmission.
- Grounded at both ends of the cable.
- Routed away from noise sources such as generators, motors and fluorescent lights.

**Cable Connections.** Before beginning the installation, be sure that you have a cable for each peripheral that you will be attaching to the adapter. The *AccelePort* 2r 920 has two DB-9 connectors. The connector type that you need at the other end of the peripheral cable depends on the type of connector on the peripheral.

You will need to be sure that you have cables of the correct length and with the right connectors to properly attach the devices you want to use.

Additional information about the *AccelePort* 2r 920, such as certifications, specifications, and cabling details, is provided on the CD-ROM that is packaged with the host adapter.

## Step Two: Install the 2r 920 PCI host adapter

Before installing the 2r 920 host adapter, you should do the following:

- Wear an ESD wrist strap to ground yourself while handling the adapter. If one is not available, discharge static electricity from your body by touching an unpainted metal surface, such as the computer's chassis, prior to handling the adapter.
- Record the adapter serial number, which will enable Digi to provide you with better service, should the need arise.  
The serial number label has this general format: **S/N: (S) XXX XXXXX**
- Unplug power from the PC.

7. Remove the computer's cover.

8. Locate an available PCI slot in your computer and remove the slot plate.

9. Insert the adapter into the slot and screw the endplate to the computer chassis. The endplate must be screwed into the computer chassis to remain in compliance with Part 15 of FCC rules.

10. Replace the computer's cover.

## Step Three: Install peripheral cabling

You can connect modems, ISDN terminal adapters, serial printers (or any other standard EIA-232 device to be controlled by applications on the computer) to an *AccelePort* 2r 920 host adapter by installing a cable between the peripheral and the adapter.

On the peripheral end of the cable, the connector you use depends on the requirements of the peripheral. The other end of the cable must fit the male DB-9 connector on the 2r 920 host adapter. These are the pin assignments:

### *DB-9 Pin Assignments*

Signal	Description	Pin
TxD	Transmitted Data	3
RxD	Received Data	2
RTS	Request To Send	7
CTS	Clear To Send	8
DSR	Data Set Ready	6
SG	Signal Ground	5
DCD	Data Carrier Detect	1
DTR	Data Terminal Ready	4
RI	Ring Indicator	9

Refer to the CD-ROM for more detailed cabling information.