

User's Guide

95-20

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Introduction

PC Card Drive series are high-performance PCI-to-PC Card adapters that support one PC Card socket, compliant with 16-bit PC Card Standard defined in 1997 PC Card Standard. 95-20 is also compliant with 32-bit CardBus Standard.

PC Card Drive series provide rich features that make them the best choice for bridging between PCI and PC Card in desktop computers.

The 95-20 is compliant with the 16-bit PC Card specification defined in PCMCIA Release 2.1/JEIDA 4.1 and 32-bit CardBus ;can supports any 8-bit/16-bit/32-bit PC Card in one socket, powered at 3.3V/5.0V as required.

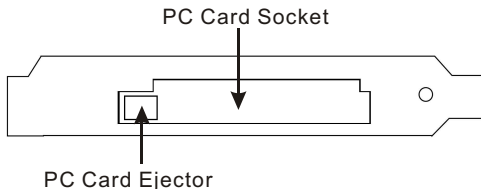
Unique software configurable interrupt routing circuit and necessary driver software is provided together for PC Card Drive series to serve IO cards requiring IRQ functionality from the socket; enables PC Card Drive support almost all of the PC Card applications including: SRAM card, Linear Flash card, ATA card, Modem card, and Wireless LAN card.

Introduction

Features of 95-20

- * Supports 16-bit(PCMCIA 2.1/JEIDA 4.1) and 32-bit(CardBus) PC Card.
- * One rear access PC Card slot.
- * PCI Local Bus Specification Revision 2.1 compliant.
- * PC Card Standard 95/97 compliant.
- * 3.3V / 5.0V operation.
- * Intel 82365SL register compatible, ExCA compatible.
- * Supports IRQ steering, software driver provided.
- * Ideal for data transfer or backup between desktop PC and mobile computer.

The 95-20 provides one rear PC Card socket which is capable of accepting Type I/Type II/Type III PC Card.



Package Contents

95-20 contains:

*	95-20 PCI Adapter	x1
*	User's Guide	x1
*	Setup Diskette	x1

If there are any shortages, please contact your local dealer.

System Requirements

To install and use the PC Card Drive series, your system must meet the following requirements.

Hardware Requirements

- * IBM PC Compatible Computer
- * Free PCI Expansion Slot

Software Requirements

- * Microsoft Windows 98
 - * Microsoft Windows 98SE
 - * Microsoft Windows ME
 - * Microsoft Windows 2000
 - * Microsoft Windows XP
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Software Setup

The device driver software contained in the Setup Diskette is necessary for appropriate operation of the PC Card Drive series. Together with the special IRQ steering circuit embedded in the chip set, the driver software accomplishes necessary hardware configuration and IRQ routing emulation for the PC Card Drive.

Included in the Setup Diskette are software drivers for various operating systems including Windows 98/98SE/ME/2000.

Setup PC Card Drive series in Windows XP requires no software setup. For all the other supported system, software setup should be performed first, then the hardware setup.

A setup program is provided to automatically identify the running system and install corresponding software driver accordingly. Please refer to following instructions to install the device driver software for your PC Card Drive series.

Software Setup

* If your system is Windows XP, you can skip this chapter.

Software Setup Procedure

1. Power on your computer with Windows 98/98SE/ME/2000.
 2. Insert the Setup Diskette into the floppy disk drive of your computer.
 3. Click on the **Start** button on the task bar to open the Start menu.
 4. Click on **Run**, the Run dialog box appears.
 5. In the text box, type in **A:\Setup.exe** (where A: is the floppy disk drive letter) to execute the setup program.
 6. The welcome dialog box appears, click **Next>** to continue setup.
 7. The **Software License Agreement** dialog box appears. Read through the Software License Agreement, and then click **Yes** to continue setup.
 8. The setup program will automatically identify the running system, install corresponding software, and configure your system for the PC Card Drive series. Following the completion of software driver setup, the Setup Complete dialog box appears.
 9. Click **Finish** to complete the software setup.
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Hardware Setup

After software setup, please refer to following instructions to install your PC Card Drive hardware.

1. Before trying to install your PC Card Drive, please power off your computer and remove the power plug from the wall outlet.
2. Disassemble and remove the cover of your computer. For instructions on removing the cover of your computer, refer to the manual provided with your computer.
3. Locate a free PCI slot, install the PCI adapter into the slot and utilize the mounting screw to secure the PCI adapter in place.
4. Re-place and secure the cover of your computer.
5. Re-connect the power plug back to the wall outlet and power on your computer. Hardware setup completes.



Specification

Specification of 95-20:

- * PCI Local Bus Specification Revision 2.1 compliant.
 - * PCMCIA 2.1, JEIDA 4.1, and CardBus compliant.
 - * 3.3V/5.0V operation.
 - * Intel 82365SL register compatible, ExCA compatible.
 - * ATA disk interface support.
 - * Supports Hot-Swapping. Insert and remove PC Card without shutting down system.
 - * Power saving suspend mode support.
 - * Ambient temperature under bias 0°C to 70°C
 - * Storage temperature -65°C to 150°C
 - * PCI-to-PCMCIA host bridge R5C475 II
 - * Max. Power Supply on sockets VCC at 3.3V for 1A
VCC at 5.0V for 1A
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Troubleshooting

1. If your computer is COMPAQ DeskPro EN series, you may encounter following problem: System freezes while booting up after installing PC Card Drive in the computer.

Solution:

Before installing, please go to

[Http://www.compaq.com/](http://www.compaq.com/)

to download the latest version of ROMPaq ROM Image(V2.11 or later); then follow the instructions COMPAQ provides to update the system BIOS. You can install the software and hardware of PC Card Drive without problems after BIOS update.

2. If you have problem with inserting PC Card into the socket, please do not push and enforce the card into the socket, because it may cause unexpected damage to the card or PC Card Drive. At this condition, turn the card over and try again.

If you have any further questions, please contact your local dealer.



User's Guide
for
95-20(3.3V/5V)



Federal Communications Commission (FCC) Statement

This Equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning:

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.