

Overview

Models

DC680B

Introduction

PCMCIA (or PCCard) has emerged as the de-facto I/O standard for laptops and portables, with numerous solutions available for communication, storage, security access and data acquisition applications. This option kit extends the flexibility of PCMCIA technology to the business desktop.

The PCI to PCMCIA adapter is supplied by Elan Digital Systems Ltd and is a combination of a low-profile PCI card connected via ribbon cable to a 3.5 inch form factor card reader that, once installed in the business PC, allows for support of 16-bit PCMCIA cards. The reader occupies the floppy disk drive bay within the system and the PCMCIA slot is accessed via the front of the computer.

Elan has tested a variety of cards including Wireless LAN and Bluetooth solutions (contact them at <http://www.elandigitalsystems.com/> to determine support for specific cards). To cater to the latest generation of Low profile PCs that can only use Low Profile PCI add-in boards, the PCMCIA card reader comes default with the full height bracket attached to a low profile PCI card. An optional half-height bracket is also available. The adapter incorporates a single 16-bit PCMCIA slot that can accommodate Type I, II or III PCMCIA cards.

The Universal PCI to PCMCIA adapter is ideal for customers who:

- Need to easily transfer data between desktop and laptop
 - Want to read Compact flash card, memory stick or Smart Media storage cards directly into their desktop
 - Require specialized communication protocol access from their desktop
 - Engage in flash-card copying
 - Are constructing analog or digital data acquisition solutions based around the desktop
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Key Benefits

- Easy Plug-n-Play installation
 - Supports 16-Bit PCMCIA Cards
 - 5V at 1Amp typ. with fault protection
 - 3.3V at 1Amp typ. with fault protection
 - Supports Type I, II and III card sizes
 - Intel 82365 compatible register set
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Compatibility

The PCI to PCMCIA adapter is compatible with HP Compaq Business Desktop d330 and d530 Series PCs (except the d530 ultra-slim desktop) and the HP Business Desktop d325 Microtower. Not all models available in all areas.

Service and Support

The PCI to PCMCIA adapter has a one-year limited warranty or the remainder of the warranty of the HP product in which it is installed. Technical support is available seven days a week, 24 hours a day by phone, as well as online support forums. Certain restrictions and exclusions apply.

QuickSpecs

Universal PCI-to-PCMCIA adapter for business PCs

Technical Specifications

Bus interface	PCI 2.2		
Transfer Rate	Maximum 33 MB/s		
Connectors	Standard 5V and 3.3V PCI bus pins		
Slot	PCMCIA Slot, Type I, Type II and Type III cards supported		
Supported speeds	16-Bit PCMCIA		
Host Controllers	ENE CB1410/CB1211		
Compliance	Low Profile "MD1" size		
Chip	Industry standard 1410 or 1211 controller chip		
Dimensions (H x W)	2.54 x 4.72 in (64.4 x 120 mm)		
Bracket Length (half-height)	82 mm		
Environmental (operating conditions)	Temperature	32° to 167° F (0° to 75° C)	
	Storage Temperature	-58° to 302° F (-50° to 150° C)	
	Relative humidity	20% to 80% non condensing ambient	
	Shock	10G (half-sine shock)	
	Vibration	2G Peak acceleration	
	Altitude (operating)	-1000 to 10,000 ft (-304.8 to 3048 m)	
	Power Consumption	Voltage	5V
Current		21 mA	0A 3 µA
Power		105mW	0 0.036 mW
Certifications, requirements		Yenta compliant, PCI 2.2 compliant, PC99 compliant	
Operating systems supported	Windows® 98, 98SE, Windows Me, Windows NT4®, Windows 2000 and Windows XP. (Refer to http://www.elandigitalsystems.com/support/ptroubleshooting.php for troubleshooting card issues on older operating systems).		
Bezel Kits	DF783B	Assorted insert kit d330ST, d530SFF (floppy, HDD, ZIP)	
Option kit contents	Low profile PCI card with a full height bracket attached to a 50 cm cable, half height bracket, 30cm ribbon cable, 3.5" PCMCIA card reader, CD with software drivers, documentation.		

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