

### Overview

### Models

A5506B

---

### Introduction

The 100BaseT PCI LAN Adapter Quad Port supports automatic detection of the network's maximum line speed through the NWAY auto-negotiation and provides a network interface for TCP/IP. Industry standard TCP/IP protocols provide ease of use with any network application that utilizes TCP/IP (for example: RCP, FTP, and NFS).

---

### Key Benefits

- Supports IEEE 802.3 (10Mbps) and 802.3u (100Mbps) standards
  - Total of 8 LEDs: two LEDs per port: monitor link state and connection mode activity
  - Half and full duplex support, auto-negotiation support
  - Four RJ-45 connectors
  - Supports 100Mbps over existing Unshielded Twisted Pair (UTP) Category 5 wiring
  - NOS, multicast, promiscuous support
  - Supports up to 200Mbps transfer rate
- 

### Compatibility

HP Workstation zx2000 and HP Workstation zx6000.

---

### Service and Support

The 100BaseT PCI LAN Adapter Quad Port 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 in online support forms. Certain restrictions and exclusions apply.

### Technical Specifications

<b>100BaseT PCI LAN Adapter</b>	<b>Dimensions (H x D)</b>	6.75 x 4.75 in (17.15 x 12.07 cm)(to conform to PCI half length card)	
	<b>Ethernet Controller</b>	Digital 21143	
	<b>Software Driver</b>	btlan	
	<b>Data Transfer Rate</b>	10 and 100 mbps, half and full duplex	
	<b>Max Bandwidth</b>	800 mbps	
	<b>PHY</b>	Level One LXT970ATC	
	<b>Device Support</b>	Up to 4	
	<b>Bus Type</b>	2.1 PCI, 64-bit bus master, 33 MHz	
	<b>Internal Connectors</b>	Four RJ-45 ports. Support for Category 5 UTP.	
	<b>Access Method</b>	CSMA/CD, 10/100mbps, auto-negotiation	
	<b>System Requirements</b>	Available PCI slot (2.1 compliant)	
	<b>Environmental</b>	<b>Operating Temperature</b>	41° to 122°F (5° to 50°C)
		<b>Operating Humidity</b>	5% to 85% non-condensing
		<b>Operating Altitude</b>	10000 ft (3000 m) max
	<b>Power Requirements</b>	+5 volts @ 5 amp. max	
<b>Operating System Support</b>	HP-UX 10.20 HP-UX 11.00 HP-UX 11i HP-UX 11.22		
<b>Other</b>	A5506B: includes hardware and software (can be pre-installed with HP-UX operating system and hardware platform or come with an application CD as stand-alone product), and the User's Guide.		

© Copyright 2003 Hewlett-Packard Development Company, L.P.

The information contained herein is subject to change without notice.

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.