

### MODELS

#### *Compaq 100 FDDI PCI Controllers*

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**Compaq 100 FDDI PCI SAS Fibre-SC Controller**  
242505-001

**Compaq 100 FDDI PCI SAS Fibre-MIC Controller**  
287728-001

**Compaq 100 FDDI PCI DAS Fibre-SC Controller**  
242509-001

**Compaq 100 FDDI PCI SAS UTP Controller**  
242507-001

**Compaq 100 FDDI PCI DAS UTP Controller**  
242511-001

The Compaq 100 FDDI PCI Controllers are designed to meet the demands of high-performance servers and workstations. These low-cost FDDI controllers are the preferred solution for corporate servers and enterprise backbones where reliability and performance are a must. High-end workstations and workgroups will also benefit from FDDI's ability to move the huge data files required in CAD, digital image processing, and multimedia applications quickly and efficiently.

### OVERVIEW

#### High-Performance

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The Compaq 100 FDDI PCI Controllers utilize 32-bit bus-mastering technology along with an Integrated Buffer Management Unit to maximize throughput while minimizing CPU utilization.

#### Five Models for 100 Mbps FDDI PCI

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The Compaq 100 FDDI PCI Controllers are available in both single attach station (SAS) and dual attach station (DAS) modes while supporting both category 5 UTP and fiber-optic media.

#### Plug and Play

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Automatically configures memory and interrupt settings for quick and easy installation

#### Dual Attach Station Capability

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DAS controllers allow for the use of redundant FDDI rings. If a problem occurs on one ring, the secondary ring takes over without loss due to network downtime. Compaq 100 FDDI PCI DAS Controllers do this while using only one PCI server slot.

#### Drivers for Mirrored Server Link (MSL)

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Supports NetWare SFT III with MSL drivers. This allows for fault tolerant servers using NetWare SFT III for added network reliability.

#### Bracket Mounted LED Indicators

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Light Emitting Diodes (LED Indicators) indicate link and network activity for "at-a-glance" troubleshooting.

#### Manageability

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Management support is available through a SNMP DOS agent that ships with the controller or through most SNMP compatible agents.

#### Warranty

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**Maximum:** The remaining warranty of the Compaq server product in which it is installed (to a maximum of a three-year limited warranty).

**Minimum:** One-year, on-site limited warranty.

**Note:** Certain restrictions and exclusions apply. In North America, call 1-800-OK-COMPAQ; outside of North America, please contact your customer service center.

**COMPAQ**

### SPECIFICATIONS

|                                   |   |  |                             |
|-----------------------------------|---|--|-----------------------------|
| <b>Network Interface</b>          | FDDI  |  |                             |
| <b>Compatibility</b>              | FDDI ANSI X3T12<br>FDDI ANSI TP-PMD   |  |                             |
| <b>Hardware Compatibility</b>     | Universal PCI board: supports 3.3V and 5V signaling environments<br>PCI local bus specification v2.1 compliant<br>SMT v7.3<br>Supports synchronous FDDI services per FDDI<br>Synchronous Forum Implementers Agreement   |  |                             |
| <b>Data Transfer Method</b>       | 32-bit bus-mastering<br>Supports PCI clock rates up to 33 MHz   |  |                             |
| <b>Communication Processor</b>    | AMD SUPERNET 3 chipset<br>Integrated CAM for hardware level multi-cast address matching   |  |                             |
| <b>Hardware Design</b>            | 128-KB RAM memory buffers for transmit and receive requests<br>Custom ASIC DMA engine<br>Supports Scatter Gather<br>Supports Memory Write and Invalidate<br>Supports Synchronous Bandwidth Allocation (SBA)<br>Optical Bypass Interface (fibre DAS models only) |  |                             |
| <b>Dimensions (LxH)</b>           | 7.4 x 4.98 in/18.6 x 12.6 cm  |  |                             |
| <b>Connectors</b>                 | 100 FDDI PCI SAS Fibre-SC: SC<br>100 FDDI PCI SAS Fibre-MIC: MIC<br>100 FDDI PCI DAS Fibre-SC: two SCs<br>100 FDDI PCI SAS UTP: RJ-45<br>100 FDDI PCI DAS UTP: two RJ-45s   |  |                             |
| <b>Power Requirements</b>         | @ 5V max.   | SAS approx. 1.5A   |                             |
|                                   | @ 5V max.   | DAS approx. 2A   |                             |
| <b>Environmental Requirements</b> | Operating   | Temperature  | 50° to 104°F/10° to 40°C    |
|                                   |   | Humidity   | 30% to 80% (non-condensing) |
|                                   | Non-operating   | Temperature  | -4° to 140°F/-20° to 60°C   |
|                                   |   | Humidity   | 10% to 90% (non-condensing) |
| <b>Emissions Standards</b>        | FCC Class B<br>CE Compliant   |  |                             |
| <b>OS Support</b>                 | The controllers ship with driver support for  | NetWare<br>MSL for NetWare SFT III<br>DOS ODI, 3.x and 4.x Server, and Client 32<br>NDIS DOS/Windows/Windows for Workgroups<br>OS/2<br>Windows NT, Windows 95<br>SCO<br>NDIS 2.0<br>NDIS 3.0 |                             |

### RELATED PRODUCTS

|                                    |            |
|------------------------------------|------------|
| 5000 12-Port Modular 10/100 Switch | 266804-001 |
| 5006 6-Port 10/100 Switch          | 266801-001 |
| 5006 6-Port 10/100 FL Switch       | 266800-001 |
| 5012 12-Port Fixed 10/100 Switch   | 266802-001 |
| FDDI (DAS) Switch Expansion Port   | 266806-001 |
| Note: Requires SC to MIC cable.    |            |
| FDDI (SAS) Switch Expansion Port   | 266808-001 |
| Note: Requires SC to MIC cable.    |            |

### COMPATIBILITY

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|---------------------|--|
| <b>Desktops</b>     | Compaq Deskpro EN Series Desktop                   |
|                     | Compaq Deskpro EN Series Minitower                 |
|                     | Compaq Deskpro EN Series Small Form Factor         |
|                     | Compaq Deskpro EP Series                           |
|                     | Compaq Deskpro EP Series, Small Business Solutions |
| <b>Workstations</b> | Compaq Professional Workstation 6000               |
|                     | Compaq Professional Workstation 5100               |
|                     | Compaq Professional Workstation SP700              |
|                     | Compaq Professional Workstation AP500              |
|                     | Compaq Professional Workstation AP400              |
| <b>Servers</b>      | Compaq ProLiant 8500 Xeon™                         |
|                     | Compaq ProLiant 8000 Xeon                          |
|                     | Compaq ProLiant 7000 Xeon                          |
|                     | Compaq ProLiant 6500 Xeon                          |
|                     | Compaq ProLiant 6000 Xeon                          |
|                     | Compaq ProLiant 5500 Xeon                          |
|                     | Compaq ProLiant 3000                               |
|                     | Compaq ProLiant 1850R                              |
|                     | Compaq ProLiant 1600                               |