Fast EtherWORKS PCI 10/100 adapter

In the race for Fast Ethernet, Digital delivers: Power. Performance. Low price. Introducing the *fastest* adapter on the market.

What do you look for in a Fast Ethernet adapter? If it's performance, look to Digital. NSTL performance tests that rated our adapter against 3Com, Intel, and SMC proved that Digital's Fast Ethernet PCI 10/100 adapter outperformed the competition by a significant margin. What else do you need? If it's low price, consider this: Digital offers its adapter at one of the industry's lowest prices for Fast Ethernet. Capitalize on features that guarantee easy installation, migration, and interoperability. Get this — and more — from Digital — the company with *the most* expertise in PCI technology *and* networking in the market today.

Highlights
- *Performance features*
  – NSTL performance results dramatically demonstrate Digital's leadership position in Fast Ethernet
  – Parallel cut-through bus master architecture (patent pending)
  – High-performance, low-latency PCI DMA design
  – Intelligent DMA arbitration
  – Capture effect avoidance
  – Full duplex — 200 Mb/s

- *Low price*

- *Ease of use*
  – True plug and play
  – Fast installation with EZWORKS
  – NetWare® Ready

- *Easy, "no cost" migration* — automatically adjusts to 10 Mb/s or 100 Mb/s network speeds

- *Full suite of software drivers*

- *Guaranteed compatibility* — proven PCI and Fast Ethernet interoperability

- *Manageability* — DMI and SNMP manageability

- *Digital's PCI leadership* — more expertise in PCI and networking and greater breadth of product than any other vendor

- *Lifetime warranty*

The Fast EtherWORKS PCI 10/100 is a high-performance adapter that allows users of PCI bus systems to connect to 10 Mb/s or 100 Mb/s Ethernet networks. Its support for both 10BaseT and 100BASE-TX ensures easy migration. Named to *Network World*'s Short List, this adapter maximizes data throughput, resulting in superior speeds for your network. This high-speed capability is ideal for demanding, high-bandwidth applications such as video, file transfer, and system backup operations.

Performance — Digital emerges as the clear winner

The Fast EtherWORKS PCI 10/100 incorporates technical innovations that result in the best price/performance in the industry. This was confirmed by recent NSTL tests in which this adapter significantly outperformed competitors' adapters.

Among these innovations are a Digital-designed chip, parallel cut-through architecture, high-performance DMA design, and other patented features.

How this adapter saves you money

The Fast EtherWORKS PCI 10/100 offers several ways to save. First, it's offered at a lower price than the vast majority of competitors' Fast Ethernet adapters. It provides very high data throughput, resulting in fast network file transfers. You can get more work done in less time. It also allows you more client connections per server, reducing system investments. Finally, its ability to automatically sense the correct operating speed saves you considerable expense by eliminating the need to service each desktop system as you move to faster speeds.

Digital's PCI leadership

Digital's Network Product Business was a key contributor to the definition and design of the PCI chip used in the Fast EtherWORKS PCI 10/100. In addition, Digital's unparalleled knowledge of hardware, software, and system parameters combined with active participation in standards committees ensures well-tuned PCI adapters. The Fast EtherWORKS PCI 10/100 is backed by a lifetime warranty.

Specifications

Use in any system that is compliant with the PCI Local Bus V2.0 specification and supports PCI BIOS V2.0.

The adapter supports a 5-volt PCI bus master slot.

This adapter features a single RJ45 connector. TIA/EIA 568A Category 3, 4 and 5 twisted-pair wiring is acceptable for 10BaseT operation. TIA/EIA 568A Category 5 twisted-pair wiring must be used to support 100BASE-TX operation, in accordance with the IEEE 802.3 100BASE-TX specification.

Dimensions	95.3 mm x 129 mm (3.75 in x 5.1 in) — PCI short form

Software driver notes

The following operating environments are supported: NetWare DOS ODI client, NetWare ODI server (V3.1x and 4.x), DOS client, Windows 3.1, Windows for Workgroups 3.11, OS/2,® SCO™ UNIX, and UnixWare.

For Power Macintosh systems, the Mac OS Open Transport driver is available.

Windows NT™ and Windows 95 support for all platforms is distributed with the operating system and supported directly by Microsoft.

OpenVMS and Digital UNIX support is currently available on Alpha platforms.

Driver software upgrades are widely available online, e.g., CompuServe,® BBS, and the Internet.

Ordering information

Digital part number	Description
DE500-XA	Fast EtherWORKS PCI 10/100 32-bit PCI 10/100 Mb/s adapter
DE500-XB	5-pack
DE500-XC	25-pack

For more information

Contact your local distributor. For a list of distributors in your area, call (800) 457-8211 in the United States and (508) 692-2562 in other locations.

http://www.networks.digital.com

Easy installation

Digital's EZWORKS, a unique installation and configuration utility, affords ease of use. Among its features is the ability to automatically install NetWare client software. In addition, the adapter has automatic speed selection and fully adheres to the plug-and-play features of the PCI bus.

Easy migration

The Fast EtherWORKS PCI 10/100 features a single UTP connection that automatically adjusts to 10 Mb/s or 100 Mb/s speeds, allowing you to use this adapter for your 10 Mb/s network today and continue to use it as you move to higher-speed 100 Mb/s networks.

Compatible with the most popular systems

Digital's Fast Ethernet adapter supports Alpha, Intel,® PowerPC® (including Power Macintosh®), MIPS™ and other system platforms. A full suite of drivers ensures compatibility across these platforms. Drivers for NetWare, Windows™ UNIX,® DOS, Mac® OS Open Transport, PATHWORKS, and OpenVMS are among those available.

Easy to manage

Digital will provide DMI and SNMP management software to meet the management needs of both servers and desktop clients. The Fast Ethernet adapter is openly SNMP manageable by any SNMP management platform, unlike some competitive offerings that are only manageable using a vendor's proprietary management software.