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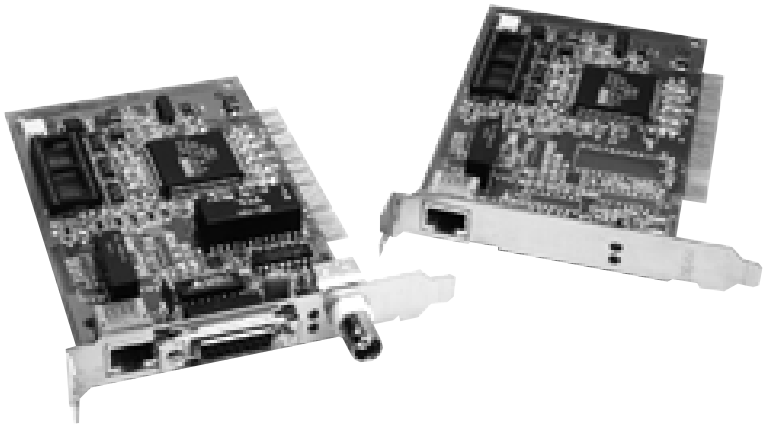
Networks

EtherWORKS Turbo PCI 10 adapters

The best just got better!

From the company with the most PCI adapter wins in the industry — ranging from an A+ rating to "Best 100 Mb/s or Faster NIC," to consistently high marks in PC Week Labs Top 10 NIC Index, to NSTL results in which our Fast Ethernet adapter took first place against 3Com, Intel, and SMC — comes the EtherWORKS Turbo PCI 10 adapters.



These new 10 Mb/s PCI Ethernet adapters continue the tradition of Digital's award-winning PCI adapter family in delivering the best price/performance in the industry. Based on a newly enhanced controller chip, these exciting new adapters bring performance, low price, and easy installation and management to any PCI-based Intel,® Alpha, MIPS,™ or PowerPC® system.

The EtherWORKS Turbo PCI 10 adapters use a parallel cut-through bus master architecture and other patented features that maximize data throughput and minimize CPU utilization. Use them in server or client configurations for video, file transfer, system backup applications, and more — wherever you need speed. Two models of this adapter are offered — one supports twisted-pair, ThinWire, and thick wire connections, while the other supports twisted-pair.

Highlights

- *Performance*
  - Parallel cut-through bus master architecture (patent pending)
  - High-performance, low-latency PCI DMA design
  - Capture effect avoidance
  - Full duplex — speeds as high as 20 Mb/s
- *Low price*
- *Easy to install, use, and manage*
  - PCI plug-and-play
  - EZWORKS for fast, easy installation
  - NetWare® Ready
  - Fully automatic media detection
  - DMI and SNMP management
  - Remote boot ROM for MOP and RPL, including FLASH ROM support
- *Full suite of software drivers*
- *Support* for Alpha, Intel, MIPS, and PowerPC (including Power Macintosh®) systems
- *Digital's PCI leadership*
  - Standards compliance ensures interoperability
  - The most experience in PCI and networking
  - Greatest product breadth of any vendor
- *Lifetime warranty*

MEMBER PCI LOCAL BUS SPECIAL INTEREST GROUP

MICROSOFT WINDOWS NT COMPATIBLE

yes NetWare Tested and Approved

PATHWORKS™

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Performance — Digital gives you the winning edge

The EtherWORKS Turbo PCI 10 adapters give you several ways to get a winning edge. They start with Digital's industry-leading controller chip, the DC21041. A DMA bus master design, fast cut-through FIFO buffer (2 x 256B on-chip FIFOs), and other patented features add to your performance advantage. These adapters are designed to minimize CPU utilization, so your system's CPU can focus on compute-intensive applications. Finely tuned drivers ensure compatibility and fast performance. And, if you need to run at 20 Mb/s, you can — with our full duplex feature.

How these adapters save money

The EtherWORKS Turbo PCI 10 adapters offer several ways to save. First, they're offered at the lowest prices among major competitors. They also allow you more client connections per server, reducing system investments. Finally, remote boot capability lets you use lower-cost, diskless workstations in your network.

Specifications

The EtherWORKS Turbo PCI 10 adapters can be used in Intel, Alpha, PowerPC, and MIPS platforms that are compliant with the PCI Local Bus V2.0 specification and support PCI BIOS V2.0. The adapters can be used in either a 5-volt or a 3.3-volt PCI bus master slot.

Dimensions	144.8 mm x 95.3 mm (5.70 in x 3.75 in)

Software driver notes

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

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	Connectors
DE450-CA	EtherWORKS Turbo PCI 10	BNC, TP, AUI
DE450-CB	5-pack	
DE450-CC	25-pack	
DE450-TA	EtherWORKS Turbo PCI 10 TP	TP
DE450-TB	5-pack	
DE450-TC	25-pack	
DE45D-AR	Remote boot ROM	
DE45F-AR	Upgradable FLASH remote boot ROM	

The PCI advantage from Digital

The PCI bus gives you faster speeds and greater bandwidth. Data is transferred at 132 MB/s. Because the PCI bus is processor-independent, wide industry support exists *today* from system and peripheral vendors.

Digital has the most experience in PCI and networking in the industry today. One of our key advantages is the way in which we implement the PCI standards. No matter whether you select 10 Mb/s Ethernet, 100 Mb/s Ethernet, FDDI, or ATM, our adapters fully meet PCI standards, so you won't have problems down the road. Our PCI adapters have undergone extensive interoperability and standards testing. They are backed by a lifetime warranty from Digital's worldwide service and support organization.

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 to install, use, and manage

Digital's EZWORKS is an installation, configuration, and diagnostic utility that makes installation a snap. It includes a PCI bus viewer. With EZWORKS, you can automatically install NetWare client software. In addition, the EtherWORKS Turbo PCI 10 adapters have automatic media detection. No jumpers are needed. These adapters fully adhere to the plug-and-play features of the PCI bus. Digital provides DMI and SNMP management software to meet the management needs of both servers and desktop clients. A remote boot ROM supports MOP and RPL.

Ready to run — with the most popular platforms and operating systems

Digital's adapters support Alpha, Intel, PowerPC (including Power Macintosh), and MIPS platforms. A full suite of drivers ensures compatibility across a variety of platforms. Drivers for Windows,™ UNIX,® DOS, Mac® OS Open Transport, PATHWORKS, and OpenVMS are among those available.

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