

10/100 PCI Network Interface Card for Complete PC Management

NEW 3C905C-TX-M

3Com's next generation 3C905 NICs add additional intelligent features to simplify PC Management for IS and MIS professionals



Sales Brief

What's New?

- The New 3Com EtherLink 10/100 PCI Network Interface Card for complete PC Management (3C905C-TX-M) combines all of the performance, reliability, compatibility, and intelligence of 3Com's current EtherLink 10/100 PCI products with a new suite of enhanced desktop management.
- The 3C905C-TX-M is compliant with PCI 2.2, Wired for Management 2.0*, DMI 2.0 and ACPI.
- The 3C905C-TX-M features new remote system alert and network keepalive support, and also adds enhancements to the Remote Wake Up (RWU) feature first made available in the 3C905B generation of products.
- Innovative new technology makes management functions more reliable by removing any dependency on the main CPU/OS.

**The 3C905C-TX-M NIC, which features an integrated MBA Boot ROM, is flash upgradeable to PXE 2.0 when available.*

Why Sell the EtherLink 10/100 PCI NIC for Complete PC Management

Managed PC technologies allow end users to dramatically lower their total cost of owning and supporting networked PCs. They enable most routine management functions from a central console. Remote management means less time, energy and money spent visiting PCs.

The new 3C905C-TX-M NIC provides comprehensive support of desktop management features to the next generation of PCs by adding new features:

- New innovative alert functionality gives remote management stations the ability to continually detect a PC or docking station is connected to the network. A "heartbeat" signal is transmitted periodically by the NIC to the network management station. In the event of a power failure or theft, the heartbeat stops, triggering a time stamped alert in the management application.
- Remote Wake Up Support improvements make Remote Wake Up (RWU) more reliable by addressing the problem of end station address aging in switches and routers and preventing sleeping PCs from becoming inaccessible to remote management applications.
- Enhanced Remote Wake Up eliminates the Remote Wake Up cable by supporting RWU through the PCI bus, per the PCI 2.2 specification.
- 3Com's Managed PC Boot Agent (MBA) provides broad support of Pre-OS boot protocols and is integrated on the 3C905C-TX-M.
- DMI 2.0 Support enables remote PC asset management and diagnostics via standard DMI browsers, and adds 3Com DMI extensions for remote configuration of desktop management features.
- Automatic Power Up Configuration makes desktop management more reliable by eliminating dependence on the PC's CPU, BIOS or Operating System to initialize management functions.

EtherLink



More connected.™

Why 3Com Wins

3Com NICs have always excelled in reliability, performance and intelligence features. Now, the new 3C905C family of products add the most comprehensive support of existing and emerging desktop management technologies.

Key Features and Benefits

Feature	Benefit
Manageability	
NEW Remote System Alert Support	Through a “heartbeat” signal, remote management stations have the ability to continually detect if a PC is connected to the network.
Remote Wake Up	After-hours administration without traveling to each desktop.
NEW PCI 2.2 Compliance	Adds RWU support to the PCI bus, eliminating the need for a separate cable.
NEW Network Keepalives	Makes RWU more reliable by resolving end station address aging issues in routers and switches which can prevent a sleeping end station from being accessible to remote management applications.
Managed PC Boot Agent	Integrated on the 3C905C-TX-M. This feature enables software installation, updates, and repairs even if the PC cannot boot - imagine upgrading to NT 5.0/ Windows 2000 at the touch of a button!
IMPROVED DMI 2.0 Support	Enables PC asset management and diagnostics via standard DMI browsers with 3Com DMI extensions for remote configuration of desktop management features.
ACPI compliance	Reduces power consumption and enables RWU.
Wired for Management (WfM) support	Support for WfM 1.1a flash upgradeable to WfM 2.0.
NEW Automatic power-up configuration	The NIC is configured independently of the BIOS or OS operation, which allows it to function reliably in situations where the main CPU, BIOS or OS is unavailable or unable to run.
Intelligence	DynamicAccess® technology adds intelligence to NICs to optimize overall network performance, control, and management.
Performance	Parallel Tasking® II performance delivers the industry’s best performance and the lowest CPU utilization.
Industry leading reliability and compatibility	Trouble-free operation.
Standards-based solutions	The 3C905C-TX-M NICs support the broadest range of Pre-OS Boot protocols, as well as the emerging stand for remote system alerts (PETF).
Compliance with key industry standards and initiatives	The 3C905C-TX-M NICs include support for PCI 2.2, PC99, DMI 2.0, ACPI and Wired for Management.

Ordering Information

Order Number	Product/Pack Size
3C905C-TX-M 3C905C-TX-M-25PK 3C905C-TX-M-100PK	EtherLink 10/100 PCI NIC for Complete PC Management (with integrated MBA Boot ROM)
3CRWU-CBL	Remote Wake Up Cable Pack

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