

Product Data Sheet

GoCard PCMCIA 3221

Token Ring Adapter

Part Number – 3221



Key Features

- ❑ Plug and Play
- ❑ Value and performance
- ❑ Supports STP and UTP cabling
- ❑ Simplified Network Management
- ❑ Standards Compliant

Overview

The Token-Ring GoCard ® from Madge Networks combines market-leading parallel-tasking performance with Plug and Play ease of installation to provide a competitively priced, mobile, LAN connectivity tool.

For portable computers and desktop systems equipped with a PC Card slot, the Token-Ring GoCard is a versatile, easy-to-use tool that represents excellent value for money for the ever growing market of Laptop users.

Features and Benefits

- Easy Plug and Play installation from all major network operating systems, or using the installation utility
- Novell NetWare client software
- Supports industry-standard Card and Socket Services
- Card Enabler provides a memory-efficient installation alternative
- Power management software reduces battery consumption
- Software-selectable 16 Mbps or 4 Mbps network speed
- Support for STP and UTP cabling through on-board, integrated media filter
- Support for Desktop Management Interface (DMI)
- SNMP agent available for effective network management
- Meets PC Card Type II specifications and IEEE 802.2 and 802.5 standards

Adherence to Standards

The Token-Ring GoCard complies with the IEEE 802.5 and IEEE 802.2 standards allowing

complete interoperability with products from other vendors.

Simplified Network Management

The SNMP agent facilitates the collection and analysis of data from the adapter by SNMP management systems such as IBM NetView or HP OpenView. This provides network managers with valuable statistical information to ease LAN planning and maintenance.

The adapter is also prepared for use with the Desktop Management Interface (DMI), allowing it to interoperate with the network management functions in the latest generation of network operating systems and applications.

Operating System Support

The adapter is supported by Madge's LAN Support Software; a comprehensive suite of drivers and utilities for Madge supplied adapters. This includes a range of host-resident drivers for highest performance, and Madge's unique adapter-resident Smart Software for multi-protocol drivers.

Customer Support

As part of Madge Network's commitment to product quality and multi-vendor interoperability, the GoCard 3221 is included in Madge software drivers as part of Windows and NetWare full releases.

Now available are fully signed and certified drivers for Windows 2000 and Windows ME. Customers can also download up-to-date technical information and the latest Operating System drivers, from our World Wide Web

<http://www.madge.com/software>

Technical Specifications

Format: Type II PC Card, Version 2.01

MTBF: > 600,000 hours

Dimensions:

- Length: 85.6 mm (3.4")
- Width: 54.0 mm (2.1")
- Height: 5.0 mm (0.2")

IEEE standards: 802.5 and 802.2

IBM Token-Ring standards: As specified by IBM

Token-Ring networking bit rate: 16 Mbps or 4 Mbps (software selectable)

On-board memory: 128 Kbytes for transmit/ receive buffers and for download of protocols

Processor type: Texas Instruments TMS 380C25

Token-Ring connectors: 8-pin RJ45 for UTP installations or UTP/STP converter for STP installations

Operating temp.: 10° C to 40° C (50° F to 104° F)

Humidity: 8 % to 80 % non-condensing

EMC compliance:

For shielded cables: FCC Rules and Regulations Part 15, Class B, CISPR 22/1985 Class B, EN55022/1987 Class B, EN50082-1

For unshielded cables: FCC Rules and Regulations Part 15, Class A, CISPR 22/1985 Class A, EN55022/1987 Class A, EN50082-1

Product Comparison information

	Smart 16/4 PCMCIA MK2	GoCard 3221 PCMCIA	Smart CardBus MK2
Part Number	20-01	3221 xxxx	20-03
Hardware			
Automatic ring-speed detection	x	Software select	✓
Wake on LAN/OnNow	x	x	✓
ACPI support	x	x	✓
PC98 compliance	x	x	✓
PC99 compliance	x	x	✓
Software			
LSS7.1 support (Dec 2000)	✓	✓	✓
LSS 8.0 support (January 2002)	✓	✓	✓
Apple Powerbook driver support	x	x	✓
Linux driver support	x	x	✓
NT4 point enabler include	x	x	✓
Direct support from Windows 2000	✓	✓	✓

Ordering information

3221 9723	GoCard Token-Ring PCMCIA (UTP/STP) - Single
3221 9793	GoCard Token-Ring PCMCIA (UTP/STP) – 100 pack (Pack of 100 singles plus one copy of 87-14)
3221 3010	GoCard Token-Ring PCMCIA (UTP only) - Single
3221 3900	GoCard Token-Ring PCMCIA (UTP only) – 100 pack (Pack of 100 singles plus one copy of 87-14)
87-14	LSS Software and Docs CD for Madge Networks Adapters

Single, High Performance, driver for PCI and PC Card adapters

To make adapter roll-out and support simpler, **LSS (LAN Support Software)** drivers are designed to support Madge supplied PCI and PC Card adapters.

The drivers use a modular architecture that has allowed the drivers to be developed and optimized for the latest 32-bit PC operating systems. This architecture enables new adapters to be easily added to an existing desktop/workstation image. Based on this modular architecture, ongoing support is simplified. This ensures that Madge Networks can continue to develop high performance network software to the very latest specifications on the latest operating systems and PC platforms.

For more information on Madge Networks Token Ring or Wireless products visit

www.madge.com