

Smart 16/4 PCMCIA Ringnode MK2

THE ROBUST, HIGH-PERFORMANCE TOKEN RING
PC CARD SOLUTION FOR USE IN LAPTOP PCS



The Madge Smart 16/4 PCMCIA Ringnode Mk2 is an efficient and fully featured credit card sized Token Ring adapter for use in the PCMCIA/PC Card slots of portable computers.

Unlike many other adapters, the Smart 16/4 PCMCIA Ringnode Mk2 provides mobile users with an extremely robust and flexible solution for Token Ring connectivity.



**HIGH
PERFORMANCE**
The Smart 16/4
PCMCIA Ringnode
provides a solution to
customers looking for
simplicity and
performance for their
mobile users.

THE SMART 16/4 ADVANTAGE

- Robust connector ensures a network connection no matter how much use the laptop gets.
- Multiple DOS memory configuration options either through Madge's unique Smart software or Novell's Client-32.
- Installation methods in common with Madge's Smart adapters means that laptops can be easily deployed in a network.
- Support for a wide range of new standards including Hot-swapping and Winsock.

ROBUST CORPORATE LAN CONNECTION

The nature of mobile computing dictates that laptop connectors are exposed to a greater level of stress than in desktop environments. To ensure that the network connection is never compromised, the Smart 16/4 PCMCIA Ringnode Mk2 uses the latest highly reliable network cable connector while enabling X-Jack modems to co-exist in adjacent slots.

MULTIPLE DOS MEMORY OPTIONS

Madge provides a number of options to combat the memory problems suffered by DOS laptop users.

When combined with Smart software, the 512KB on-board memory allows downloading of combinations of ODI, NDIS, LLC, NetBIOS, IPX or TCP/IP protocols, offering significant DOS conventional memory savings over other driver configurations.

Support is also offered for Novell's latest Client-32 drivers, which give further DOS memory configuration options by allowing network drivers to be loaded into DOS extended memory, thus freeing conventional memory for use by other applications.

When using Card & Socket services supplied by laptop vendors, many users can find problems with the size of these drivers. Madge supplies Smart 16/4 PCMCIA Ringnode specific Card & Socket services to reduce memory usage and simplify installation.



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SIMPLICITY AND CONVENIENCE

Madge's LAN Support Software provides maximum functionality for laptop users to operate in both networked and standalone modes. Hot-swap allows users to connect or remove a PCMCIA adapter without the need to re-boot. Dual docking configurations enable use of a PCMCIA adapter when undocked and a docking station resident adapter when docked.

To allow laptop users to be easily integrated into the corporate LAN, the Smart 16/4 PCMCIA Ringnode Mk2 is installed via the same familiar utilities used to configure Madge's Smart adapters.

HIGH LAN PERFORMANCE FOR A LAPTOP PC

The Smart 16/4 PCMCIA Ringnode Mk2 provides performance comparable to an internal ISA-based Token Ring adapter. This makes it significantly faster than alternative laptop connectivity options, such as an external parallel port adapter or a PC-to-PC serial link.

POWERFUL LAN SUPPORT SOFTWARE

The adapter is supplied with Madge's LAN Support Software, a comprehensive suite of drivers and utilities for all Smart 16/4 Ringnodes. This includes a range of host-resident Fastmac Plus™ drivers for highest performance, and Madge's unique adapter-resident Smart Software for multi-protocol drivers.

MADGE WIZARD

Madge Wizard,™ which is included with LSS 5.0, is a highly visual and intuitive DOS-based software utility. Step-by-step instructions are provided for the quick and easy configuration of Smart Ringnodes.™ Madge Wizard gives customers the simplest and most reliable method to get network adapters working the first time, straight out of the box.

Because Madge Wizard allows a common installation suite to be used for all Madge Smart Ringnodes, laptops can be simply integrated into the corporate network and easily maintained.

PCMCIA SOLUTIONS PROGRAM

As part of Madge's commitment to product quality and multi-vendor interoperability, the Smart 16/4 PCMCIA Ringnode Mk2 has been certified as a *Premier PCMCIA* within Compaq's PCMCIA solutions program. Madge is also working with other major PC vendors and the Smart 16/4 PCMCIA Ringnode Mk2 is, or is planned to be, included in a number of certification programs.

CUSTOMER SUPPORT WITHOUT LIMITS

The Smart 16/4 PCMCIA Ringnode comes with a lifetime* hardware warranty and a 30-day installation guarantee, which includes free technical hotline support and on-site assistance as required, and is backed by Madge's world-renowned expertise in networking.

Madge's worldwide service and support organization continues to satisfy the most demanding Global 1000 companies. A worldwide network of engineers provides a wide range of services including on-site technical support and software upgrades. Customers can also download up-to-date technical information from on-line services such as CompuServe, or can visit the Madge World Wide Web home page (<http://www.madge.com>).

**Full details available on request.*

SPECIFICATIONS

Network Type:	4 or 16 Mbps IBM and IEEE 802.5 Token Ring
Supply Voltage:	+5V DC \pm 5%
Power:	1.8W maximum
Bus Interface:	PCMCIA
Data Transfer:	32-bit PIO & 16-bit MMIO
Ring Interface:	9-pin D-type (STP)
(standard cable included)	RJ-45 (UTP)
EMC Compliance:	FCC Class A EN55022 Class A EN50082-1
Memory:	512 KB dynamic RAM on-board
IRQ Options:	System allocated
I/O Options:	System allocated

Remote Booting:	Madge boot software
Dimensions:	86mm x 54mm x 5mm
Weight:	0.04Kg (approx.)
Temperature Range:	0 - 70°C
Humidity Range:	10% - 80% non-condensing
Warranty Period:	Lifetime*

ORDERING INFORMATION

PART NO	DESCRIPTION
20-01 (single pack)	Smart 16/4 PCMCIA Ringnode Mk2
20-11 (ten pack)	Smart 16/4 PCMCIA Ringnode Mk2
7007	STP Network Cable
7005	UTP Network Cable



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