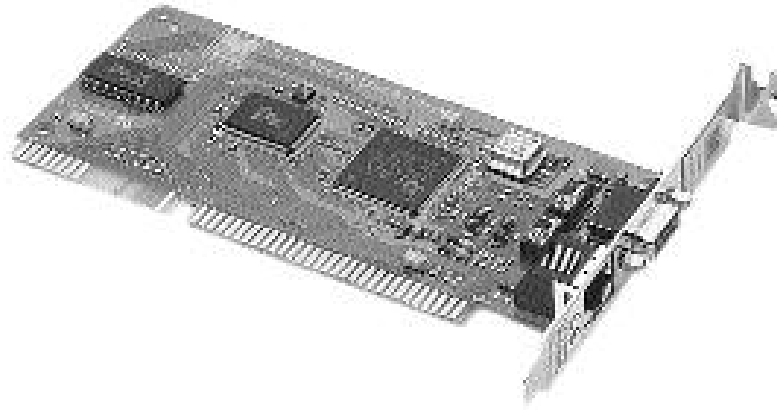


# Madge Smart 16/4 ISA Client PnP Ringnode

**THE EASIEST-TO-USE TOKEN RING ISA ADAPTER  
FOR TODAY'S MOST DEMANDING CLIENT APPLICATIONS**



With full support for Plug 'n' Play, the Smart 16/4 ISA Client PnP Ringnode provides a quick and effective way to connect client PCs to a Token Ring network.



## **SIMPLIFY ADAPTER INSTALLATION**

With full Plug 'n' Play support, the Smart 16/4 ISA Client PnP Ringnode dramatically simplifies adapter installation and configuration.

Designed as a simple yet powerful adapter for ISA-based PCs, the Madge Smart 16/4 ISA Client PnP provides the latest Plug 'n' Play-automated installation as well as efficient set-up utilities for older, legacy operating environments. Unlike comparable network adapters, the Smart 16/4 ISA Client PnP allows use of the same software and configuration options as all adapters in Madge's Smart Ringnode family, significantly reducing desktop complexity and support costs.

## **EASY INSTALLATION**

As networks proliferate through business environments, associated installation and maintenance costs increase. By standardizing on easily configurable Token Ring adapters, these overheads can be kept to a minimum. The Smart 16/4 ISA Client PnP Ringnode is completely switchless, ensuring easy configuration and high reliability. Full support for Plug 'n' Play means operating systems such as Microsoft's Windows 95 will automatically load the software drivers necessary to attach to file servers and other LAN resources. In

non-Plug 'n' Play systems, Madge's easy-to-use software configuration utilities make the adapter equally quick and simple to install. This is especially true in multimedia PCs where the adapter's large resource map allows it to be configured to avoid conflicts with interrupts and I/O addresses used by devices such as sound/video cards and CD-ROMs.

To aid installation, Madge Smart WireSense™ technology automatically detects and drives the correct cable type used with the adapter, further reducing the amount of manual configuration needed during installation or relocation.

## **CLIENT-OPTIMIZED PERFORMANCE**

As client/server applications become more widespread, the performance demands placed on networks increase. By harnessing the power of the PC processor, the Smart 16/4 ISA Client PnP Ringnode is able to efficiently deliver the performance required by the very latest applications, ensuring full investment protection.



# Madge Smart 16/4 ISA Client PnP Ringnode

## POWERFUL LAN SUPPORT SOFTWARE

The Smart 16/4 ISA Client PnP Ringnode is supplied with Madge's LAN Support Software, a complete set of drivers and utilities supporting all Smart 16/4 Ringnodes. This includes a range of host-resident Fastmac Plus™ drivers that maximize performance, and Madge's unique adapter-resident Smart software that provides configuration flexibility in multiple protocol environments.

Where DOS conventional memory is at a premium, Smart software allows a choice of ODI, NDIS, LLC, NetBIOS, IPX, or TCP/IP protocols to be downloaded to the on-board memory, offering significant savings over other driver configurations. Madge's LAN Support Software also provides support for new networking models, such as Novell's Client-32 and Dedicated Token Ring (DTR). By ensuring full support for the latest client architectures from the leading NOS vendors, Madge's range of Smart 16/4 Ringnodes offers peace-of-mind, irrespective of the future direction of the network.

## CUSTOMER SUPPORT WITHOUT LIMITS

The Smart 16/4 ISA Client PnP 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 needs of our extensive installed base in 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.*



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## PRODUCT SPECIFICATIONS

<b>Network Type:</b>	4 or 16 Mbps IBM and IEEE 802.5 Token Ring
<b>Supply Voltage:</b>	+5V DC $\pm 5\%$
<b>Power:</b>	3W maximum
<b>Bus Interface:</b>	16-bit & 8-bit ISA compatible Full Plug 'n' Play compatibility
<b>Data Transfer:</b>	32-bit Programmed I/O
<b>Ring Interface:</b>	9-pin D-type socket (STP) RJ45 socket (UTP, on-board filter)
<b>EMC:</b>	FCC Class A EN55022 Class B (STP) EN55022 Class A (UTP) EN50082-1
<b>Memory:</b>	128 KB dynamic RAM on-board
<b>Remote Booting:</b>	Madge Boot Software
<b>IRQ Options:</b>	
<b>(System Allocated)</b>	2,3,5,7,10,11,15
<b>I/O Options:</b>	
<b>(System Allocated)</b>	0920-093F, 0940-095F 0960-097F, 0980-099F 0A20-0A3F, 0A40-0A5F 0A60-0A7F, 0A80-0A9F 0B20-0B3F, 0B40-0B5F 0B60-0B7F, 0B80-0B9F

<b>Dimensions:</b>	160mm x 90mm
<b>Weight:</b>	0.11kg (approx.)
<b>Temperature Range:</b>	0 - 50°C
<b>Humidity Range:</b>	10% - 80% non-condensing
<b>Warranty Period:</b>	Lifetime*

## ORDERING INFORMATION

PART NO:	DESCRIPTION	QUANTITY
22-04	Smart 16/4 ISA Client PnP Ringnode	1
22-14	Smart 16/4 ISA Client PnP Ringnode	10
22-24	Smart 16/4 ISA Client PnP Ringnode	20
22-34	Smart 16/4 ISA Client PnP Ringnode	30
22-54	Smart 16/4 ISA Client PnP Ringnode	50



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