

ETHERNET MCA 10/100 ADAPTER

OC-2335



Olicom's Fast Ethernet MCA 10/100 Adapter is the industry's first MCA adapter for Fast Ethernet. The adapter offers advanced features and full compatibility with industry standards.

Olicom Parallel Processing drivers increase throughput by overlapping processing tasks, enabling the Ethernet MCA 10/100 Adapter to deliver excellent performance in 10 Mbps, 100 Mbps, and full-duplex modes.

The Fast Ethernet MCA 10/100 Adapter requires no user intervention when upgrading to 100 Mbps Ethernet and when changing between half and full duplex operation.

Features

- Easy to install — fully software configurable
- High-performance Olicom drivers for Novell Netware, Microsoft, and IBM environments
- Enabled for full-duplex operation, providing increased bandwidth with switched Ethernet
- Uses Auto Negotiation to automatically adjust to network speed, media, and full-duplex operation
- Novell Universal Client included
- Supports 10BaseT and 100BaseTX, RJ-45
- Optional boot PROM for RPL
- Three LEDs for link, speed, and network activity status

- Support for network management via SNMP agent and DMI included
- Low power consumption
- Lifetime Warranty

Easy Installation

The Olicom Ethernet MCA 10/100 Adapter provides automatic adapter hardware configuration for such features as I/O space, location and interrupt level. The adapter also features a software configuration utility to ensure trouble-free installation and use. For desktop management, an SNMP Desktop Agent is included.

Maximum Investment Protection

The Olicom Ethernet MCA 10/100 Adapter permits easy network expansion while minimizing the risk and cost. Thanks to support of Auto Negotiation technology, the adapter automatically detects the network speed, media, and full-duplex capabilities.

By automatically configuring itself for maximum performance, you get lower network support costs and "hands free" migration to 100 Mbps Ethernet. And because the adapter complies with relevant industry standards, including IEEE 802.3u for Fast Ethernet, you can be assured of trouble-free operation.

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Parallel Processing

The Olicom Ethernet MCA 10/100 Adapter features Parallel Processing technology, enabling different processing tasks to be overlapped to increase data throughput. This means, for example, that in environments such as NetWare, incoming data can be moved to the user application as soon as it begins to arrive from the network, giving increased performance. Olicom drivers have been designed to utilize this feature to its maximum potential.

Lifetime Warranty

Olicom offers a limited Lifetime Warranty on the Ethernet MCA 10/100 Adapter.

Technical Support

To ensure trouble-free installation and operation, Olicom provides hotline support and a Bulletin Board Service. In addition, support is provided via Internet Email and our World Wide Web Home Page (see below).

Compatibility and Interoperability

The Ethernet MCA 10/100 Adapter complies with the Plug and Play Specification. It complies with the Ethernet standard IEEE 802.2 and 802.3, and P802.3u/D5. It also supports an extensive range of communication products (see table).

- **Networking bit rate:**
10 Mbps or 100 Mbps
- **PC Bus Type:** MCA
- **Data path width:** 16 bit

NOVELL	ODI 4.0: DOS	ODI 2.1: OS/2	ODI 3.2: Server
IBM	NDIS 2.01: DOS	NDIS 2.01: OS/2	NDIS 2.01: LAN Server
MICROSOFT	NDIS 2.01: DOS	NDIS 2.01: OS/2	NDIS 3.0 Miniport: NT, Win95

Network Interface

10BaseT and 100BaseTX

Cabling

- Twisted Pair (unshielded)
RJ45 connector

Hardware

Processor type:

National Semiconductor DP83800 10/100 Mbps LAN Controller

Power requirement:

5.5 Watts @ +5VDC

Environmental requirements:

Operating temperature: +10C to +52C
(+50F to 116F)

Humidity:

8% to 80% non-condensing

Physical size: 165 mm x 95 mm

Certification: FCC Part 15, subpart J, Class B;
EN55022 Class B; EN50082-1

Ordering Information

Product numbers:

OC-2335

Ethernet MCA 10/100 Adapter with software kit and manual

Options Ordered Separately

OC-2729 Boot PROM Kit for RPL

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Olicom reserves the right to modify specifications without prior notice.

Olicom main offices:

- **Olicom A/S**
Nybrovej 114
2800 Lyngby
Denmark
Tel.: (+45) 45 27 00 00 / Fax: (+45) 45 27 01 01
- **Olicom USA, Inc.**
900 East Park Boulevard, Suite 250
Plano, Texas 75074
USA
Tel.: (+1) 214 423 7560 / Fax: (+1) 214 423 7261

Additional Olicom offices:

- **Olicom Australia**
Tel.: (+61) 2 9955 1755 / Fax: (+61) 2 9929 5488
- **Olicom Austria**
Tel.: (+43) 1 599 99 107 / Fax: (+43) 1 599 99 307
- **Olicom France**
Tel.: (+33) 1 4669 7969 / Fax: (+33) 1 4725 4648
- **Olicom Germany**
Frankfurt office:
Tel.: (+49) 6104 959 141 / Fax: (+49) 6104 959 146
Hamburg office:
Tel.: (+49) 40 23505 668 / Fax: (+49) 40 23505 669
Munich office:
Tel.: (+49) 89 939 45013 / Fax: (+49) 89 930698
- **Olicom Hong Kong**
Tel.: (+852) 2897 2633 / Fax: (+852) 2897 2601
- **Olicom Ibérica**
Tel.: (+34) 1 372 9814 / Fax: (+34) 1 372 9645
- **Olicom Italy**
Tel.: (+39) 2 48 00 94 65/95 49 / Fax: (+39) 2 46 94 998
- **Olicom The Netherlands**
Tel.: (+31) 73 6 49 15 46 / Fax: (+31) 73 6 49 15 45
- **Olicom Singapore**
Tel.: (+65) 339 7221 / Fax: (+65) 339 1676
- **Olicom South Africa**
Tel.: (+27) 11 320 0857 / Fax: (+27) 11 320 0804
- **Olicom United Kingdom**
Tel.: (+44) 181 899 1707 / Fax: (+44) 181 899 1727



Olicom on the World Wide Web

For further information on Olicom's product range, visit our Web Home Page at <http://www.olicom.com> or <http://www.olicom.dk>.

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