



Apple Ethernet CS Cards

Features

Ease of use

- Installs quickly and easily in a single step
- Ships with multilingual software, which makes it ready for use with different language versions of the system software

Compatibility

- Works with all Macintosh models with a communications slot (CS), such as the Macintosh LC 575 and 630; Quadra 630; and Performa 575, 577, 578, 630, 635, 636, and 638 models
- Complies with IEEE 802.3 standards
- Supports a variety of popular networking protocols, including AppleTalk, TCP/IP, Mac IPX, OSI, and DECnet
- Easily integrates into multivendor environments
- Adapts to any standard Ethernet cable environment

High performance

- Allows concurrent execution of multiple networking protocols to optimize network performance
- Ships with new, reengineered, high-performance network software
- Provides full 32-bit data interfaces for maximum throughput (Apple Ethernet CS Twisted-Pair and Thin Coax Cards)

Convenience

- Makes it easy to create, expand, administer, and troubleshoot your network
- Lets you choose the type of cabling media that best suits your needs

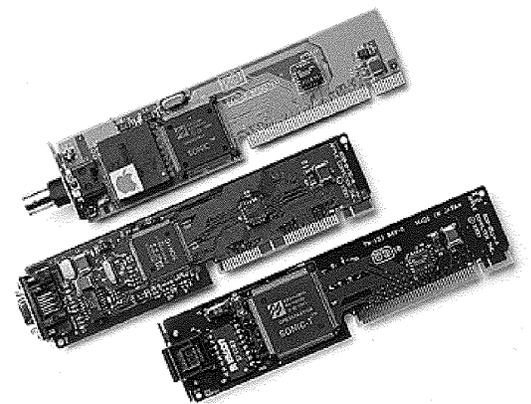
Reliability

- Offers high network reliability because of the point-to-point nature of 10Base-T networks (Ethernet CS Twisted-Pair Card)

The Apple Ethernet CS Cards (Apple Ethernet CS Twisted-Pair Card, Apple Ethernet CS Thin Coax Card, and Apple Ethernet CS AAUI Card) provide all Macintosh and Performa models equipped with a communications slot (CS) with the ideal Ethernet connectivity solution for all of your networking needs. Although highly cost-effective, the Apple Ethernet CS Twisted-Pair Card provides exceptional network performance and reliability through its built-in industry-standard 10Base-T network port. When used in conjunction with an IEEE-compatible hub, it allows you to create or extend an IEEE 802.3 10Base-T Ethernet network quickly and easily—as well as affordably. The Apple Ethernet CS Thin Coax Card lets you quickly add users to an existing thin coax Ethernet network and makes it easy to set up ad hoc work-groups of up to 30 nodes—without any additional hardware. And when using this card with Apple's self-terminating thin coax cables, it enables you to maintain network integrity despite any additions or changes, providing added flexibility.

Combining affordable high performance with flexibility, the Apple Ethernet CS AAUI Card provides an Apple Ethernet port. By plugging the appropriate Apple Ethernet Cable system media adapter into this port, you can adapt to any standard Ethernet cabling environment: thick coax or other media (such as fiber-optic cable) Ethernet networks, using the Apple Ethernet AAUI adapter; and thin coax Ethernet networks, using the Apple Thin Coax Transceiver.

These convenient, easy-to-install cards feature uncompromised network performance and afford the flexibility of connection to any standard Ethernet media. They support a variety of networking protocols, including AppleTalk, TCP/IP, Mac IPX, OSI, and DECnet and offer seamless interoperability in multi-vendor environments.





Apple Ethernet CS Cards

Ordering Information

Apple Ethernet CS Twisted-Pair Card

- Order No. M3065Z/A
- Apple Ethernet CS Card
 - Network Software Installer Disk
 - User's guide
 - Limited warranty

Apple Ethernet CS Thin Coax Card

- Order No. M2708Z/A
- Apple Ethernet CS Thin Coax Card
 - Network Software Installer Disk
 - BNC T connector
 - User's guide
 - Limited warranty

Apple Ethernet CS AAUI Card

- Order No. M3066Z/A
- Apple Ethernet CS AAUI Card
 - Network Software Installer Disk
 - User's guide
 - Limited warranty

Apple Ethernet CS Twisted-Pair-5 pack

Order No. M3068Z/A

Apple Ethernet CS Thin Coax-5 pack

Order No. M3067Z/A

Apple Ethernet Thin Coax Transceiver

Order No. M0329Z/B

Apple Ethernet Twisted-Pair Transceiver

Order No. M0437Z/B

Apple Ethernet AUI Adapter

Order No. M0432LL/A

Apple Ethernet 5-Meter Thin Coax Cable

Order No. M0833LL/A

Apple Ethernet 13-Meter Thin Coax Plenum Cable

Order No. M0436LL/A

For the latest version of AppleTalk software:

AppleTalk Connection for Macintosh

Order No. M8069Z/A

For more information about AppleTalk network design and management, see: *Planning and Managing AppleTalk Networks* by Apple Computer, Inc., published by Addison-Wesley Publishing Company, Inc.

Technical Specifications

Apple Ethernet CS Twisted-Pair Card Connector

- Ethernet 10Base-T compliant RJ-45 port

Transmit/receive data rate

- 10-megabit-per-second maximum data rate

Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- Humidity: 20% to 95% noncondensing

Power dissipation

- Maximum 1.5 W, average 1 W

Ethernet controller

- National Semiconductor DP83934-SONIC-T

System requirements

- One available communications slot
- Unshielded twisted-pair cable
- IEEE 802.3-compatible 10Base-T hub

Apple Ethernet CS Thin Coax Card Connector

- Ethernet Thin Coax BNC connector

Transmit/receive data rate

- 10-megabit-per-second maximum data rate

Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- Humidity: 20% to 95% noncondensing

Power dissipation

- Maximum 2.5 W, average 2 W

Ethernet controller

- National Semiconductor DP83932-SONIC-32

System requirements

- One available communications slot
- Thin coaxial cable

Apple Ethernet CS AAUI Card Connector

- Apple Ethernet (AAUI)

Transmit/receive data rate

- 10-megabit-per-second maximum data rate

Environmental requirements

- Operating temperature: 50° to 104° F (10° to 40° C)
- Humidity: 20% to 95% noncondensing

Power dissipation

- Maximum 1.5 W, average 1 W

Ethernet controller

- National Semiconductor DP83916-SONIC-16

System requirements

- One available communications slot
- Appropriate Apple Ethernet cable system media adapter

Apple Computer, Inc.
1 Infinite Loop
Cupertino, CA 95014
(408) 996-1010
TLX 171-576

© 1994 Apple Computer, Inc. All rights reserved. Apple, the Apple logo, AppleTalk, Macintosh, Performa and Quadra are trademarks of Apple Computer, Inc., registered in the U.S.A. and other countries. DECnet is a trademark of Digital Equipment Corporation. Mac IPX is a trademark of Novell, Inc. Mention of non-Apple products is for informational purposes only and constitutes neither an endorsement nor a recommendation. Apple assumes no responsibility with regard to the selection, performance, or use of these products. All understandings, agreements, or warranties, if any, take place directly between the vendors and the prospective users.
December 1994. Product specifications are subject to change without notice. Printed in U.S.A.
L00635B