Apple Ethernet CS Cards

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 per-formance 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 AUI 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 net-working protocols, including AppleTalk, TCP/IP, Mac IPX, OSI, and DECnet and offer seamless interoperability in multi-vendor environments.
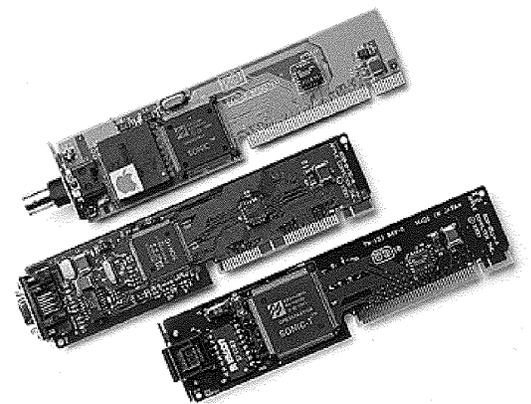
Apple Ethernet CS Cards

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