



# Tech Info Library

## TCP/IP Connection For Macintosh: Specifications (3/93)

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TOPIC -----

This article describes system requirements, ordering and licensing information, and other product details for TCP/IP Connection for Macintosh.

DISCUSSION -----

### System Requirements

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To use TCP/IP Connection you need a Macintosh Plus or later model Macintosh computer with the appropriate data link, such as built-in LocalTalk or Ethernet, or a networking card, such as the Apple Ethernet NB Card, Apple Ethernet LC Card, the original Apple EtherTalk Card, Apple Token Ring 4/16 NB Card, or the original Apple TokenTalk NB Card. You install TCP/IP Connection from a 1.4MB floppy disk or from the network.

LocalTalk connections also require a router with AppleTalk to TCP/IP gateway support, such as the Shiva Corporation FastPath 5 or the Cayman Systems GatorBox CS.

Token Ring connections also require the MacTCP Token Ring Extension software, contained in this product. Third-party Token Ring cards must be compatible with Apple's MacTCP Token Ring Extension software, or the manufacturer must provide its own extension software that is compatible with the MacTCP driver.

To use the MacTCP software, you need system software version 6.0.5 or later, or version 7 or later.

MacTCP implements the following protocols:

- IP (RFCs 791, 894; MIL-STD 1777)
- UDP (RFC 768)
- TCP (RFC 793, MIL-STD 1778)
- ARP (RFC 826)
- RARP (RFC 903)
- ICMP (RFC 792)
- BootP (RFCs 951, 1048)
- RIP (RFC 1058)

- DNS (RFCs 1034, 1035)
- Internet Subnetting (RFC 950)
- Internet Assigned Numbers (RFC 1340)

MacTCP complies with Requirements for Internet Hosts-Communication Layers (RFC 1122) and with A Standard for the Transmission of IP Datagrams over IEEE 802 Networks (RFC 1042).

To use the MacSNMP software, you need system software version 7.0 or later and 4MB of RAM. You also need an SNMP console that supports TCP/IP, such as those from IBM, Sun, and InterCon.

The SNMP agents included in the TCP/IP product support the following MIB definitions:

- TCP/IP MIB II (RFC 1213)
- Macintosh MIB (defined by Apple)

If you want the AppleTalk SNMP agent or plan to run the SNMP protocol over AppleTalk, to provide protocol redundancy, you need to purchase the AppleTalk Connection product for the Macintosh. This product supplies the AppleTalk SNMP transport and AppleTalk Agent needed for management over AppleTalk.

#### Ordering and Licensing Information

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TCP/IP Connection and the other products in the Connection series are available as retail products consisting of a single-user package with multi-user license extensions. Associated TCP/IP and SNMP developer products are available from APDA. See the following product listing for details:

TCP/IP Connection for Macintosh Single-user package. (Order No. M8113Z/A)

- MacTCP stack and driver software
- MacSNMP Client
- Macintosh, TCP/IP, and Network agents and MIBs
- TCP/IP Connection User's Guide

20-user license extension. (Order No. M8115Z/A). This license extension contains no software.

TCP/IP Administration for Macintosh Single-user package. (Order No. M8114Z/A)

- Complete TCP/IP Connection product
- MacTCP Admin and MacSNMP Admin software
- MacTCP Administrator's Guide
- MacSNMP Administrator's Guide
- TCP/IP Administration: Overview and Installation
- TCP/IP Connection User's Guide

AppleTalk Connection for Macintosh Single-user package. (Order No. M8069Z/A)

- AppleTalk stack and driver software
- MacSNMP Client
- Macintosh, AppleTalk, and Network agents and MIBs

- AppleTalk Connection Installation and User's Guide

20-user license extension. (Order No. M8065Z/A). This license extension contains no software.

AppleTalk Administration for Macintosh Single-user package. (Order No. M8066Z/A)

- Complete AppleTalk Connection product
- MacSNMP Admin software
- MacSNMP Administrator's Guide
- About AppleTalk Administration
- AppleTalk Connection Installation and User's Guide
- Planning and Managing AppleTalk Networks

OSI Connection for Macintosh Single-user package. (Order No. M8096Z/A)

- MacOSI Transport and driver software
- MacOSI Transport connection tool
- MacOSI Transport Administrator's Guide

MacTCP 2.0 Developer's Kit - MacSNMP 1.0 Developer's Kit

Available on the Essentials•Tools•Objects (E.T.O.) CD-ROM. Complete new subscriber package. (M0895LL)

To order APDA products or get additional information, contact APDA at:

Apple Computer, Inc.  
P.O. Box 319  
Buffalo, NY 14207-0319 U.S.A.  
800-282-2732 (U.S.A.)  
800-637-0029 (Canada)  
(716) 871-6555 (International)  
Fax: (716) 871-6511, Telex: 171-576  
AppleLink address: APDA  
Internet address: APDA@applelink.apple.com

TCP/IP Connection and AppleTalk Connection products: Large-Volume Licenses, Licensing details are available from your Apple sales representative or you may contact ESD Licensing Department at:

Apple Computer, Inc.  
20525 Mariani Avenue, M/S 35-AE  
Cupertino, CA 95014 U.S.A.  
Telephone: (408) 974-2320  
AppleLink address: ESD.LICENSE

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