



Apple Remote Access Personal Server *for Macintosh*

Features

Ease of use

- Installs in only minutes
- Provides everything you need for both the calling and the answering Macintosh computers—client and server software—in one convenient package¹
- Lets individuals or small organizations access services remotely, in the same intuitive way as they work with services locally
- Requires no specialized equipment

Adaptability

- Enables individuals or small organizations to take advantage of remote access to a single Macintosh computer or an entire AppleTalk network
- Supports a variety of leading modems
- Supports a range of network types, including LocalTalk, Ethernet, and Token Ring

High performance

- Features built-in industry-standard data compression and error detection
- Provides increased efficiency, with Apple's smart buffering technology
- Is optimized for a variety of connection types

Built-in security

- Includes several security options that allow you to restrict access to information
- Generates an activity log to track usage

Flexible client capabilities

- Supports a variety of connections, including cellular and ISDN²
- Is fully integrated with Macintosh System 7, so remote users can work with such familiar tools as the Chooser, Alias Manager, and the Finder

¹ Includes software for one client. Additional client software must be purchased or licensed separately. Consult your authorized Apple reseller or representative for more information.

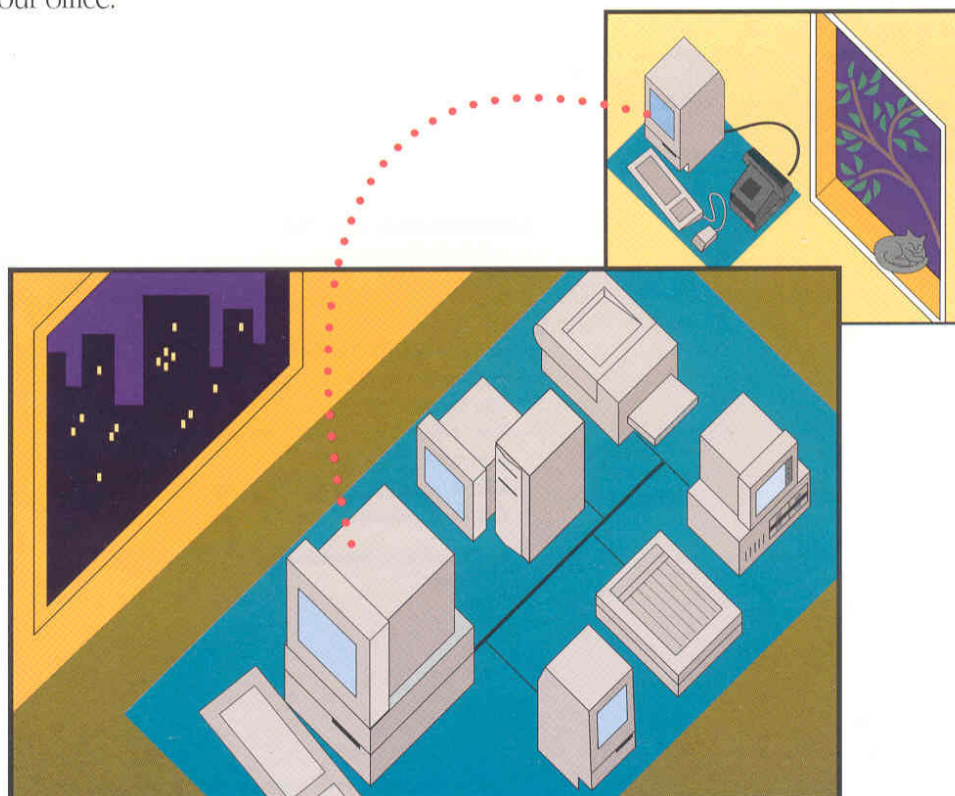
² ISDN and cellular connections require additional third-party products.

Apple Remote Access Personal Server for Macintosh software includes everything you need to allow a Macintosh computer to communicate with another Macintosh or an entire AppleTalk network over standard telephone lines. It takes only minutes to set up and offers powerful capabilities that can help make an individual or a small workgroup of Macintosh users even more productive—no matter where they are.¹

With Apple Remote Access Personal Server, you can work wherever you like—at home or on the road—and retain access to all of the resources of your office computer or network. You and your colleagues can send and receive electronic mail, collaborate on a shared project, or print to a network-connected printer. Yet doing all of this is as simple as if you were working at your office.

Getting started with Apple Remote Access Personal Server is easy. The software features single-step installation that requires no special technical knowledge. And because the Apple Remote Access Personal Server adjusts automatically to your network, it leaves you free to focus on your own work instead of worrying about the details of networking.

In today's increasingly complex and mobile world, Apple Remote Access Personal Server provides convenient, direct access to information and resources at a remote location for computer users on the go. So, whether you want to share files with a neighbor or collaborate on a project with colleagues around the world, Apple Remote Access Personal Server can help you get the job done—quickly, easily, and affordably.





Apple Remote Access Personal Server for Macintosh

Ordering Information

Apple Remote Access Personal Server for Macintosh

Order No. M2726Z/A

- Apple Remote Access Personal Server software and installer
- Apple Remote Access Personal Server for Macintosh User's Guide
- Apple Remote Access DialAssist quick reference card

Apple Remote Access Client for Macintosh (single-pack)

Order No. M5227Z/A

Apple Remote Access Client for Macintosh 10-Pack

Order No. M2692Z/A

Apple Remote Access Modem Toolkit version 2.0

Order No. R0129LL/C

This product is available from APDA.¹

¹APDA offers convenient worldwide access to over 300 Apple and third-party development tools, resources, and information for anyone interested in developing applications on Apple platforms. To order APDA products and receive a free copy of the APDA Tools Catalog, call 1-800-282-2732 (U.S.), 1-800-637-0029 (Canada), or 716-871-6555 (International).

Technical Specifications

Modem support and scripts

- Supports any Hayes-compatible 2400-bps, 9600-bps, or higher-speed modem with the appropriate script. Modem scripts for many popular modems are included:
 - V.32bis modems (14,400 bps): Apple Express Modem, Global Village PowerPort Gold, Global Village TelePort Gold, Hayes Optima 144, Microcom QX4232bis, Prometheus ProModem 144e, PSI Powermodem IV, Supra SupraFax v.32bis, Telebit T3000, Telebit WorldBlazer
 - V.32 modems (9,600 bps): Global Village PowerPort Silver, Global Village TelePort Silver, Prometheus Promodem 96, PSI Powermodem III, Supra SupraFax Modem Plus, Telebit QBlazer, Telebit T1600, US Robotics Sportster, US Robotics Worldport
 - V.22bis modems (2400 bps): Apple 2400, Global Village PowerPort Bronze, Global Village TelePort Bronze, Hayes Optima 2400, Microcom AX 2400C, Prometheus Promodem 24, PSI PowerModem II
- Cellular Support: Applied Engineering DataLink PB and Applied Engineering Acell Cellular Interface, Microcom Cellular Data Link 300
- ISDN support: Hayes ISDN adapter
- Additional scripts may be available. Contact an authorized Apple reseller or representative or your modem manufacturer for more details.
- If you understand connection control languages (CCLs) and are an experienced programmer, you may be able to write the necessary modem script yourself. The Apple Remote Access Modem Toolkit (see ordering information) includes everything you need to write these scripts.

Network types supported

- Support for any AppleTalk network; the most common network choices include:
 - LocalTalk
 - Ethernet
 - Token Ring

Connection types supported

- Standard telephone²
- Cellular²
- ISDN²

Error detection/Data compression

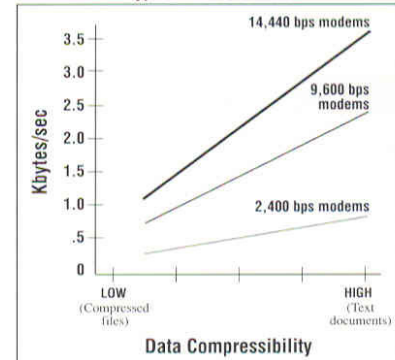
- Includes several built-in components that allow for error-free and optimized delivery of data
 - Smart buffering (developed by Apple Computer, Inc.) for data-transfer optimization
 - MNP, an industry standard for error detection
 - V.42bis, an industry standard for data compression

²ISDN and cellular connections require additional third-party products.

Performance

Spreadsheets, text, and files with redundant data can be compressed more efficiently than certain other files (such as programs) and can therefore be transferred at much higher rates.

Typical Transfer Rate



Security

- User name and password authentication
- Callback feature that verifies the user's identity by returning calls to a predetermined phone number
- Activity log for recording calling and answering activities
- User account disabled after seven incorrect password attempts

Specifications

- Maximum number of simultaneous connections: 1
- User name maximum length: 31 characters
- Password maximum length: 8 characters
- Maximum connect time: selectable
- Total number of user records: 100
- Maximum number of activity log entries: 1,000

Licensing information

- Comes with license to copy and install the Apple Remote Access Personal Server software for your own use on up to two Apple computers owned and/or operated by you.
- Additional client software must be purchased or licensed separately; consult your authorized Apple reseller or representative for information.

Operating requirements

- A Macintosh Plus or later model with at least 4MB of RAM
- A hard disk drive
- Macintosh system software version 7.0 or later
- An Apple or other Hayes-compatible modem (2400 bps minimum; 9600 bps or higher speed recommended) and appropriate modem cable, if needed
- Apple Remote Access Client for Macintosh version 2.0

Apple Computer, Inc.
20525 Mariani Avenue
Cupertino, CA 95014
(408) 996-1010
TLX 171-576

© 1993 Apple Computer, Inc. All rights reserved. Apple, the Apple logo, APDA, AppleTalk, LocalTalk, and Macintosh are trademarks of Apple Computer, Inc., registered in the U.S.A. and other countries. DialAssist and Finder are trademarks of Apple Computer, Inc. Mention of non-Apple products is for informational purposes 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.
November 1993. Product specifications are subject to change without notice. Printed in U.S.A.
L0088LL/B