



Tech Info Library

Apple Remote Access 2.0.1 Client: Specifications (5/94)

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Security: Everyone

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TOPIC -----

This article provides the Technical specifications and order information for Apple Remote Access (ARA) 2.0.1.

DISCUSSION -----

Technical Specifications

Modem support and scripts

- Supports any Hayes-compatible 2,400-bps, 9,600-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 (2,400 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 Axcell Interface, Microcom Cellular Data Link 300
- ISDN support: Hayes ISDN adapter
- 9,600-bps or higher-speed scripts included with the Apple Remote Access MultiPort Server can also be used with the Apple Remote Access Client for Macintosh.
- 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.

Dialing and connection management

- Built-in DialAssist technology automatically generates dialing sequences for mobile users
- Manual or automatic dialing
- Redial or alternate number option
- Tone and pulse dialing
- Ignore dial tone option supports nonstandard telephone equipment
- Adjustable connection reminders
- Universal disconnect desk accessory

Compatibility

- Works with any Apple Remote Access-compatible server
- Supports both Apple Remote Access 1.0- and 2.0- compatible servers

Connection types supported

- Standard telephone
- X.25*
- ISDN*
- Cellular*

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

Specifications

- User name maximum length: 31 characters
- Password maximum length: 8 characters

Operating requirements

- A Macintosh computer with at least 4MB of RAM or a Power Macintosh computer
- Macintosh system software version 7.0 or later
- A hard disk drive
- An Apple or other Hayes-compatible modem (2,400 baud minimum; 9,600 baud or higher recommended) and modem cable, if needed
- Apple Remote Access Personal Server or MultiPort Server (or any Apple Remote Access-compatible server)

* X.25, ISDN, and cellular connections require additional Apple or third-party products.

Ordering Information

Apple Remote Access Client for Macintosh (single-pack)

Order No. M5227Z/B

- Apple Remote Access Client software and installer

- Apple Remote Access Client for Macintosh User's Guide
- Apple Remote Access DialAssist quick reference card

Apple Remote Access Client for Macintosh 10-Pack

Order No. M2692Z/B

Includes 10 copies of the Apple Remote Access Client for Macintosh User's Guide and one disk set containing the Apple Remote Access Client software and installer.

Apple Remote Access Client for Macintosh (Volume Licensing)

Client software can be volume licensed separately for quantities of 50 or more users; consult your authorized Apple reseller or representative for purchasing information.

Apple Remote Access MultiPort Server

Order No. M5214Z/B

Apple Remote Access Personal Server for Macintosh

Order No. M2726Z/B

Apple Remote Access Modem Toolkit version 2.0

Order No. R0129LL/C

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