PRACTICAL PERIPHERALS™

Practical Modem 1200SA

Thanks to a very practical approach to the utilization of advanced microprocessor technology The Practical Modem1200SA offers a remarkable range of features: true "Hayes Compatibility," (Hayes' own Smartcom II can't tell the difference), ultra-reliability, and a remarkably low price!

The PM1200SA features seven LED displays for easy function monitoring. Two parallel RJ11 phone jacks allow installation in seconds. No tools are required.

Then, we went one step further. We added an internal connector that allows for the Practical Enhancement Product we call the "Communication Microbuffer."

The Practical Modem1200SA is guaranteed to perform properly. In fact, it's fully guaranteed for 5 full years. If, in the unlikely event a problem should arise, we'll repair or replace the modem at no charge. It's that simple.

Performance, features, value, and an uncompromised guarantee; hallmarks of the new Practical Modem1200SA.

And it's all made in the U.S.A.

PROUDLY MADE IN THE U.S.A.

PRACTICAL MODEM 1200 SA

A STAND-ALONE 1200 BAUD INTELLIGENT MODEM

FEATURES & SPECIFICATIONS

HARDWARE

- 0-300 and 1200 bit-per-second operation.
- Auto-Dial, Auto-Answer capability.
- Hayes 1200 Smartmodem compatibility.
- Compatible with virtually all current communications programs.
- Future upgradeable with plug-in module for communication buffering, programmable protocol conversion, security, and time/date logging.
- Advanced EEPROM technology for semi-permanent storage of 10 user telephone numbers (N0 through N9).
- Menu set-up of modem configuration kept in memory (no switches to set).
- Pulse or touch-tone dialing.
- Full or Half-Duplex operation.
- Two modular jacks accommodate data and voice calls.
- Volume-controlled speaker for line monitoring.
- Automatic adaptive equalization method insures conistent error-free operation over all common phone lines.
- Help command simplifies on-line command selection.
- Seven LED displays:

MR - Modem Ready
RX - Receive Data
HS - Hi-Speed 1200 baud
OH - Phone Off Hook
TX - Transmit Data
CD - Carrier Detected
AA - Answer Automatically

TECHNICAL SPECIFICATIONS

Interface: 2 Parallel RJ11 phone jacks (Line and Phone set)
Receive Sensitivity: – 45 dbm
Transmit Level: – 10 dbm
Compliance: Bell 212A and 103 Standards FCC Part 68 for direct connection to public phone lines, FCC Part 15
Dimensions: 10.5" x 5.5" x 1.3"
Power: 8.5 VAC, 850 ma plug-in wall Power-Pack

Package Contents

PM1200SA MODEM UNIT
8.5 VAC, 850 ma plug-in wall Power-Pack
User Manual.
CMB Priority Response Card

WARRANTY: 5 full years, repair or replacement.

PRACTICAL PERIPHERALS™

31245 La Baya Drive
Westlake Village, CA 91362
Toll Free: 1-800-641-0814
1-818-991-8200
FAX: 1-818-706-2474

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PRACTICAL PERIPHERALS®

Practical Modem 1200™

HALF-CARD 1200/300-BAUD MODEM FOR IBM PC, XT, AT, & COMPATIBLE COMPUTERS

With a suggested retail price under $200, the Hayes-compatible PRACTICAL MODEM 1200 offers the same features as other high-end, 1200/300-baud half-card modems and comes with a complete communication software package, valued at $149, at no extra charge.

This combination of low price—better than half the market standard for comparable models—plus exceptional performance capabilities, makes the PRACTICAL MODEM 1200 the most cost-effective internal modem available for IBM PC, XT, AT, and compatible computers.

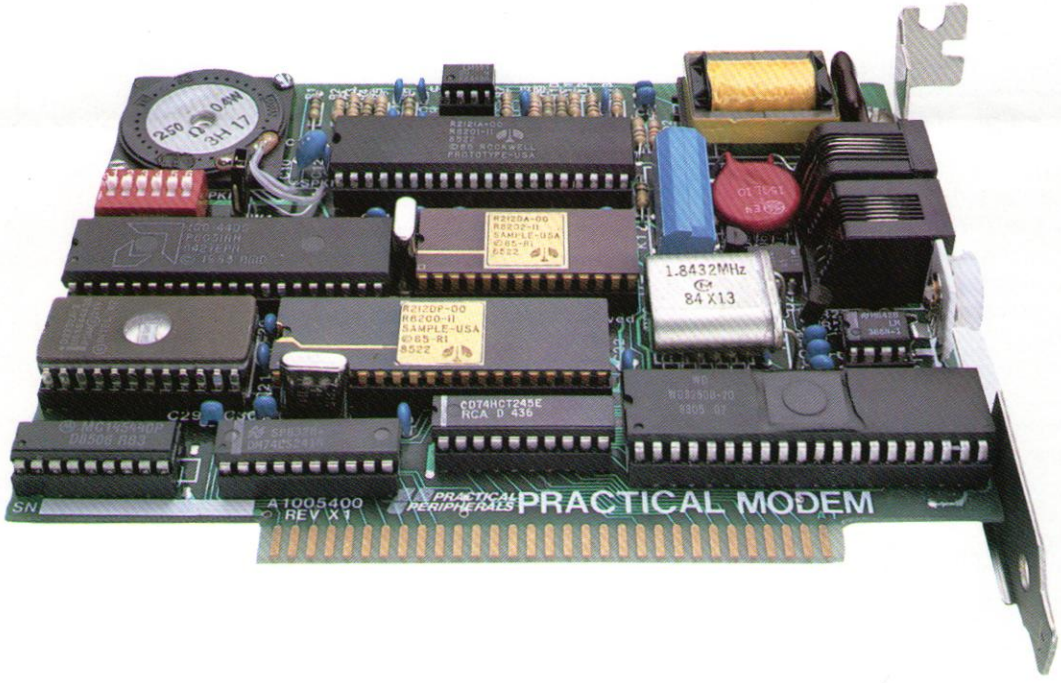
Utilizing cutting-edge multiprocessing technology, the unit automatically adjusts to varying transmission speeds from 0-300 and 1200 bits-per-second. In addition, automatic adaptive equalization assures consistent, error-free operation over all common phone lines.

The 4″ x 5½″ card is easily installed in either a short or long slot within the computer, and is equipped with two modular jacks to accommodate data and voice calls, plus a volume-controlled speaker for line monitoring.

Though compatible with the Hayes 1200B Smartmodem and virtually all communication programs currently in use, the PRACTICAL MODEM 1200 comes with a comprehensive software set of its own, including the PRACTICAL TERMINAL PACKAGE™ and POP-UP TELECOMM™ for Auto-Dial, Auto-Answer and more.

These and other operating parameters, such as result codes and enable/disable functions, can be set using software commands—with pull-down menu convenience—or switches provided on the card itself. A simple HELP command can be utilized, if desired, to facilitate any of the setting selections.

Backed by a full five-year manufacturer's warranty, the PRACTICAL MODEM 1200 meets all Bell 212A and 103 standards and complies with the requirements of FCC Part 68 for direct connection to public phone lines.



PRACTICAL MODEM 1200™

DESCRIPTION:

Full-featured, economical half-card 1200/300-baud Hayes-compatible modem, complete with software, for the IBM PC, XT, AT, and compatible computers.

HARDWARE FEATURES:

- 0-300 and 1200 bit-per-second operation
- Auto-Dial, Auto-Answer capability
- Compatible with the Hayes 1200B Smartmodem and virtually all communication programs currently in use
- Automatic speed recognition
- Pulse or Touch-Tone dialing
- Full or Half Duplex operation
- Equipped with two modular jacks to accommodate data and voice calls, plus a volume-controlled speaker for line monitoring
- Automatic adaptive equalization method assures consistent, error-free operation over all common phone lines
- All operating parameters, such as result codes and enable/disable functions, can be set using software commands or switches provided on the card itself
- HELP command simplifies setting selection
- Easy installation in short or long slot

SOFTWARE FEATURES:

- Complete communications software, including the PRACTICAL TERMINAL PACKAGE™ and POP-UP TELECOMM™ for Auto-Dialer, Auto-Answer and more—all with pull-down menu convenience

  PRACTICAL TERMINAL PACKAGE:
  - Operates as "dumb terminal"
  - Transfers files
  - Supports XMODEM protocol
  - Allows logging to diskette

  POP-UP TELECOMM:
  Complete communications package including:
  - POP-UP VOICE
  - POP-UP MODEM supporting 300, 1200 and 2400 baud operation
  - 110-9600 baud direct-connect
  - Auto-Log in
  - VT100/VT52 "dumb terminal" emulation

TECHNICAL SPECIFICATIONS:

■ INTERFACE:	COM 1 or COM 2 port (IBM PC compatibles)
■ RECEIVE SENSITIVITY:	−45 dbm
■ TRANSMIT SENSITIVITY:	−10 dbm
■ COMPLIANCE:	Bell 212A and 103 standards; FCC Part 68 for direct connection to public phone lines.
■ SIZE:	4″ x 5.5″ x .630″

INCLUDES:

- PRACTICAL MODEM 1200 half-card 1200/300-baud internal modem
- Complete software set, including PRACTICAL TERMINAL PACKAGE and POP-UP TELECOMM from POPULAR PROGRAMS, INC.
- User's manual

WARRANTY:

Five years parts and labor.

PRACTICAL PERIPHERALS®
31245 La Baya Drive
Westlake Village, CA 91362 USA
(818) 991-8200 • TWX 910-336-5431
Toll Free 800-641-0814

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