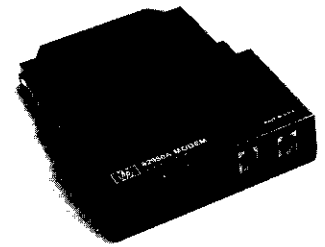


Hewlett-Packard Series 80 Modem



HP 82950A Modem

Become part of nationwide computer networks with your Series 80 personal computer and the HP 82950A Modem. The Modem is a serial, asynchronous, full-duplex module. Use it and your Series 80 computer to communicate with industrial data bases or commercial time-sharing systems such as Dow Jones News/Retrieval® service, THE SOURCESM, and CompuServe. You can get timely production reports, send electronic mail to other computer users, or conduct literature research.

Operation

The Modem is easy to use. Simply plug it into one of the expansion slots in the back of a Series 80 computer and connect it directly to your telephone. This telephone link is easier to connect and use than acoustic coupler connections on other modems.

Menu-driven modem communications software that utilizes Series 80 softkeys is included with the Modem to put special functions at your fingertips. The HP 82950A Modem is compatible with Bell 103/113 modems and lets you communicate with the majority of time-sharing computers in the United States. It operates at speeds of 110 to 300 baud. Together, these features make the HP 82950A Modem an excellent choice for communications over the telephone lines.

Features

- Softkey-driven Software
- Direct Connection
- Bell 103/113 Compatibility
- Auto-dialing and Log-on
- Integrated Package
- Directory Storage
- Uploading/Downloading
- Self-test of Modem Performance

Benefits

Makes computer communication easy—Terminal capabilities are yours at the touch of a key.

Increases accuracy—Gives you fewer errors than you'd get with an acoustic coupler, because there's less interference.

Increases scope—Lets you communicate with the majority of time-sharing computers throughout the United States.

Provide easy, efficient communication—Establish communications in the simplest possible manner.

Saves money—Gives you everything you need in one compact, functional module that plugs into the back of your computer.

Saves time—Lets you store phone numbers and log-on sequences for easy recall.

Saves time and money—Provides you with efficient use of time.

Gives you confidence—Lets you do a simple verification of the system.

Specifications

SYSTEM REQUIREMENTS

- Computer:
 - HP-85, HP-86, or HP-87
- Memory:
 - 32K Total RAM (for HP-85)
 - 64K Total RAM (for HP-87A)
- Peripherals:
 - HP Disc Drive (if using discs)
- Enhancements:
 - 00085-15003 I/O ROM (for HP-85A and standard HP-85B)
 - 00087-15003 I/O ROM (for HP-86/87)
 - HP 82936A ROM Drawer
- Other:
 - Telephone line with modular plug

TRANSMISSION

MODE serial, asynchronous,
full duplex

HANDSHAKE DC1/DC3 (XON/
XOFF)

MODULATION binary phase coherent
FSK

BAUD RATE up to 300 bits/sec

DATA BITS 7 or 8 (default is 7)

START BITS 1

STOP BITS 1

PARITY odd, even, always 1,
always 0, or none
(default is odd)

MODES originate and answer

MODEM

COMPATIBILITY ... Bell 103/113

CONNECTORS

Two miniature six-position jacks with four conductors; one four-conductor cable with two miniature six-position plugs.

DIALING automatic or manual

SIZE

Dimensions 16.5 × 12.7 × 3.2 cm

Cable length 210 cm (7 ft)

OPERATING REQUIREMENTS

Operating
temperature 0° to 55°C
(32° to 131°F)

Storage
temperature -40° to 65°C
(-40° to 150°F)

RINGER

EQUIVALENCE 1.0 B

JACKS

The following jacks may be used:

RJ11C and RJ11W RJ13C and RJ13W
RJ12C and RJ12W

Customer Support

Services Available:

- HP Dealer Repair Center (check with dealer for availability)
- On-site service at your location
- HP Field Repair Center
- Phone-in support
- User newsletter

Ordering Information

HP Part Numbers:

For HP-85:

- HP 82950A—Tape Cartridges

For HP-85/86/87:

- HP 82950A Opt. 630—3½" Disc Media
- HP 82950A Opt. 650—5¼" Disc Media

Product Includes:

- Modem connected to a 2.1 m (7 ft) cable
- Phone Cord
- Software Media
- Owner's Manual

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