

HEWLETT-PACKARD

HP 24540A and HP 24541A Interface Cards



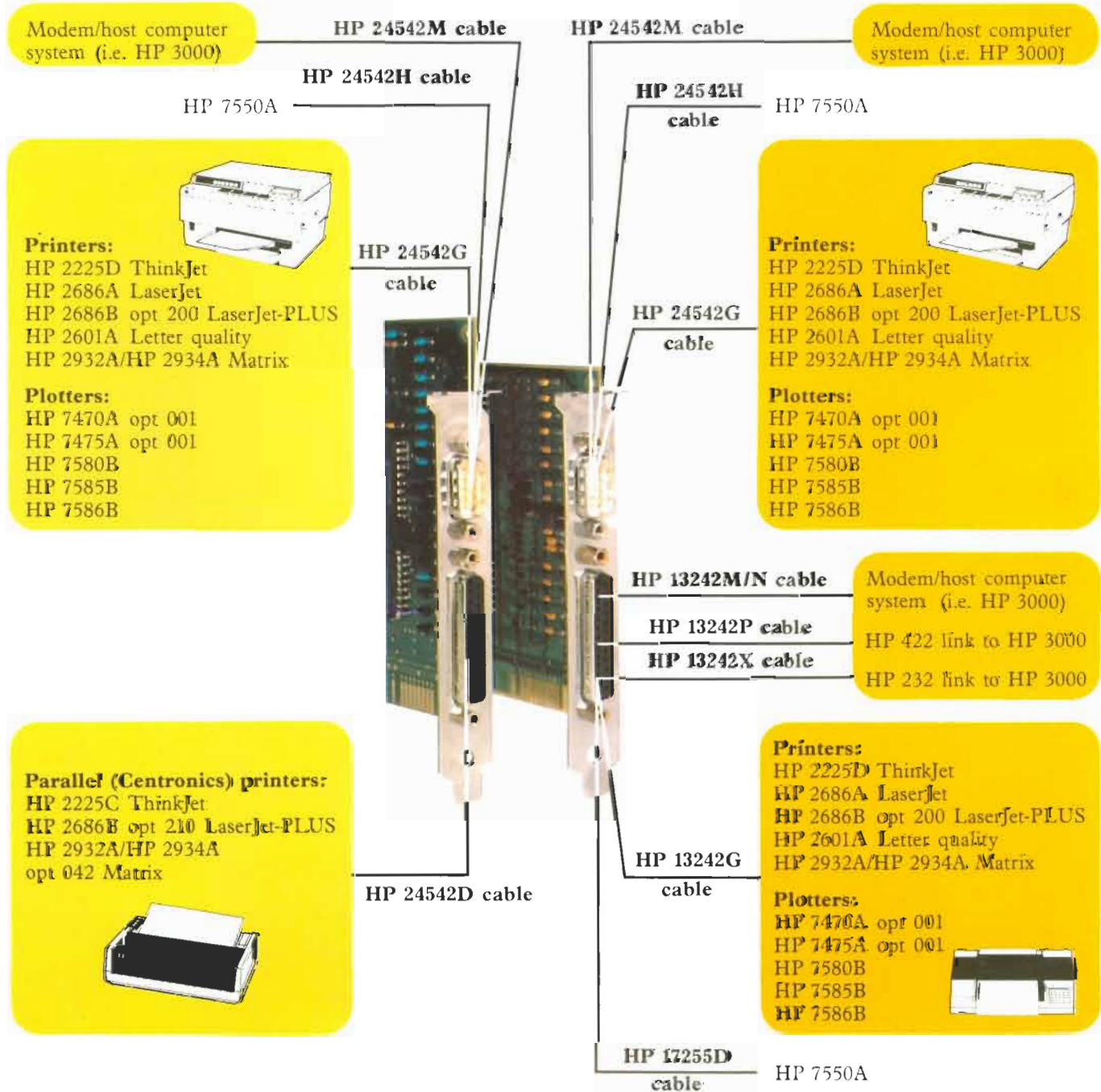
High quality, high performance interfaces from Hewlett-Packard allow your personal computer to be tailored to your communication/peripheral needs.

With the Serial/Parallel and the Dual Serial RS-232/422 Interfaces, your HP Vectra PC can have up to **two** parallel printer ports and up to **four** serial (RS-232-C) communication ports.



HP 24540A Serial/Parallel Interface

HP 24541A Dual Serial RS-232/422 Interface



HP 24540A Serial/Parallel Interface

HP 24541A Dual Serial RS-232/422 Interface

Communications

9-pin Serial Port

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- RS-232-C signals.
- Asynchronous communications.
- Full-duplex modem support.
- Fully programmable:
 - character length: 5, 6, 7, or 8 bits.
 - stop bits: 1, 1-1/2 or 2.
 - parity: even, odd, none for generation and checking.
- Supports serial devices:
 - Host computer system.
 - Personal computer.
 - Modem.
 - Printers.
 - Plotters.
- Compatible cables:
 - 24542G Serial (RS-232-C) printer/plotter cable, 3 m long.
Female 9-pin connector/Male 25-pin connector.
 - 24542H Serial (RS-232-C) peripheral cable, 3 m long.
Female 9-pin connector/Female 25-pin connector
 - 24542M US/Europe Modem cable, 3 m long.
Female 9-pin connector/Male 25-pin connector
- Switch selectable device address:

- COM1 (hex 3F8), or COM2 (hex 2F8)

- COM1 (hex 3F8), or COM2 (hex 2F8), or (hex 3E8), or (hex 2E8).

25-pin Parallel Port

25-pin Serial Port

- Compatible with printers using Centronics* type interface.
- Switch selectable device address: LPT1 (hex 378), or LPT2 (hex 278).
- Compatible cables:
 - 24542D Parallel printer cable, 2 m long.
Male 25-pin connector/Male 36-pin connector.

- All the features of the 9-pin Serial Port but on a 25-pin connector.
- HP 422 signals for connection to an HP 3000, up to 1200 m (4000 feet) away.
- Switch selectable device address: COM1 (hex 3F8), or COM2 (hex 2F8), or (hex 3E8), or (hex 2E8).
- Compatible cables:
 - 13242N US Modem cable, 5 m long.
Male 25-pin connector/Male 25-pin connector
 - 13242M Europe Modem cable, 5 m long.
Male 25-pin connector/Male 25-pin connector
 - 13242P Direct connect 422 cable, 5 m long.
Male 25-pin connector/Male 5-pin connector
 - 13242X Direct connect 232 cable, 5 m long.
Male 25-pin connector/Male 3-pin connector
 - 13242G Serial (RS-232-C) printer/plotter cable, 5 m long.
Male 25-pin connector/Male 25-pin connector
 - 17255D Serial (RS-232-C) peripheral cable, 1.5 m long.
Male 25-pin connector/Female 25-pin connector

Physical (typical)

• 121×185 mm (4.8×7.3 in)

• 106×210 mm (4.2×7.9 in)

Electrical

- Power consumption: 1.8 W (typical)

Approvals (pending)

Safety: USA: UL 478, Canada: complies to CSA 154, and International: IEC 380/435
RFI: USA - FCC class B, and Germany - VDE Level B.
Datacomm: CCITT V. 24 interchange, V.28 electrical recommendations.
Approval pending in Australia, Belgium, Germany, Nordic network, Sweden, and UK.

Support

The HP 24540A Serial/Parallel and the HP 24541A Dual Serial RS-232/422 interfaces are supported by the worldwide Hewlett-Packard Customer Engineering Organization.

Application software

The HP 24540A or the HP 24541A interfaces are required each time application software needs to communicate with a host computer, printer, plotter or another personal computer.
For example, the HP 24540A Serial/Parallel interface provides your HP VECTRA PC with a serial port to access public information services, such as Dow Jones, CompuServe or The Source via an external modem. The parallel port may be used to attach a Centronics-type printer, such as the HP 2225C ThinkJet, for producing hardcopies of the data you have retrieved.
A typical application of the HP 24541A Dual Serial RS-232/422 interface is as follows. Your HP VECTRA PC running AdvanceLink/2392 terminal emulation software uses one serial port to have a direct connection to an HP 3000 computer system up to 1200 m (4000 feet) away. The HP 2686A LaserJet printer may be connected to the second serial port to generate printouts of the information you have accessed.

* Centronics is a trademark of Centronics, Inc.

Data subject to change without notice.