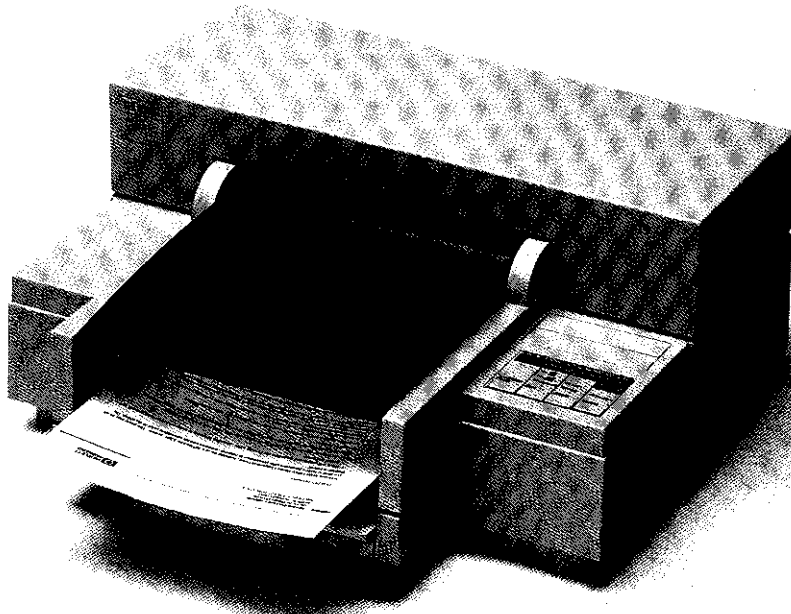


HP DeskJet 520 InkJet Printer

Technical Data



The best-selling InkJet Printers in the world.



HP's Most Affordable 600 x 300-dpi Desktop Printer

Now the world leader in inkjet printing technology brings you superb, professional-quality printing – for about the same as you'd pay for dot matrix. The HP DeskJet 520 delivers clear, sharp, 600 x 300-dpi black printing on plain paper, thanks to Hewlett-Packard's exclusive Resolution Enhancement technology. It's a difference you can plainly see.

You also get a variety of built-in typefaces and TrueType scalable fonts for Windows™ to give all your documents a professional look. A 3-year warranty – the longest in the industry – so you can buy with confidence. Compatibility with any extensive range for DOS and Windows software for maximum flexibility. And time-saving print speeds of up to 3 pages per minute. All in a quiet machine with a small operational footprint that leaves you plenty of room to work.

The HP DeskJet 520 printer. Exceptional-quality output, renowned HP dependability and durability, and simple set-up and operation make it an absolute "best buy".

Features

- 600 x 300 dpi with HP's Resolution Enhancement technology yields clear, sharp, professional-quality documents.
- A low price for affordable, high-quality business printing.
- A 3-year limited warranty – the longest in the industry.
- Prints up to 3 pages per minute for fast, time-saving output.
- Broad DOS and Windows 3.1 software support lets you use most popular PC software applications.
- Water-resistant ink for smudge-proof printing.
- 6 built-in typefaces, plus 14 TrueType scalable fonts for Windows, give you a wide range of typefaces for professional-looking documents.
- Prints on plain paper, glossy paper, a wide variety of paper sizes, up to 50 transparencies at a time, and stacks of up to 20 envelopes for media flexibility.
- Automatic envelope sensor: no need to make a manual adjustment.
- Grayscale printing for dramatic black graphics for Windows.
- Compact operational footprint saves space at home or at the office.



Specifications

HP C2170A

The HP DeskJet 520 comes standard with CG Times, Courier, Letter Gothic and Univers fonts, plus scalable fonts for use with the Windows™ driver, a power cable, black ink cartridge, and a User's Guide Kit. The printer interface cable is not included.

Print Method

Plain paper drop-on-demand thermal inkjet printing.

Print Speed*

MS Windows™ Speed

Presentation mode: 1 page per minute

Normal mode: 2.5 pages per minute

Fast mode: 3 pages per minute

EconoMode: 3 pages per minute

DOS Mechanism Speed

Letter quality mode: 167 cps at 10 cpi

EconoMode: 240 cps at 10 cpi

Resolution

MS Windows™ (text and graphics)

Presentation mode: 600 x 300 dpi

Normal mode: 600 x 300 dpi

Fast mode: 300 x 300 dpi

EconoMode: 150 x 300 dpi

DOS (text)

Letter quality mode: 600 x 300 dpi

EconoMode: 150 x 300 dpi

DOS (graphics)

Full-page 75, 100, 150, 300 dpi

Character Set Support

HP Roman8, PC-8, PC-8 (D/N), ISO 7-bit languages (German, French, Italian, Norwegian, Portuguese, Swedish, Spanish, U.K.), PC-850, ASCII, ECMA-94 Latin-1, HP Legal, Line Draw, Math, and PL

Printer Command Language and Emulations

HP PCL Level 3

Built-in IBM Proprinter I emulation

Built-in (Internal) Fonts

Portrait:

Courier, Courier Italic, Courier Medium, Courier Medium Italic, Courier Bold, Courier Bold Italic, CG Times, CG Times Italic, CG Times Medium, CG Times Medium Italic, CG Times Bold, CG Times Bold Italic, Letter Gothic, Letter Gothic Italic, Letter Gothic Medium, Letter Gothic Medium Italic, Letter Gothic Bold, Letter Gothic Bold Italic, Univers, Univers Italic, Univers Medium, Univers Medium Italic, Univers Bold, Univers Bold Italic

Landscape:

Courier, Courier Medium, Courier Bold, Letter Gothic, Letter Gothic Medium, Letter Gothic Bold

TrueType Scalable Fonts for Microsoft® Windows™

Arial® Black, CG Poster Bodoni, Gill Sans® Shadow, CG Goudy Old Style, CG Goudy Old Style Italic, CG Goudy Old Style Bold, Graphite Light, Graphite Light Narrow, Lucida® Casual, Lucida® Casual Italic, PL Benguiat Frisky, Phyllis, Signet Roundhand, Milestones™

Software Compatibility

Compatible with an extensive range of DOS software applications.

MS Windows v3.1 Compatible

OS/2 v1.3, 2.0, 2.1 Compatible

Interface and Cable Requirements

Connecting HP DeskJet printers to IBM PC – compatible computers

Parallel connect: Use an HP C2912B cable or an IBM parallel printer cable or compatible cable.

Media

Size

US Letter (8.5in. x 11in.), European A4 (210mm x 297mm), US Legal (8.5in. x 14 in.), US Transparency (8.5in. x 11 in.), European A4 Transparency (210mm x 297mm), Executive (7.25in. x 10.5in.), US No.10 Envelope (4.12in. x 9.5in.), European DL Envelope (220mm x 110 mm)

Media Weight

Paper: 16 to 36 lb (60 to 135 g/m²)
Envelopes: 20 to 24 lb (75 to 90 g/m²)

Media Handling

Built-in sheet feeder (up to 100 sheets)

Envelope feeder (up to 20 envelopes)

Built-in output tray (up to 50 sheets)

Types: HP DeskJet printers work well with most types of paper although variables in paper composition may affect print quality and paper handling. Bond paper, such as letterhead, gives excellent quality. Paper should be tested to ensure best performance.

I/O Interface

Centronics parallel

Buffer Size

16 Kbyte receive buffer

Power Requirements

Power Modules:

Input voltage (depends on power module ordered): 100, 120, 220, or 240 VAC (+10%, -10%)

Frequency:

100 VAC 50/60Hz (+3 Hz, -3 Hz)

120 VAC 60Hz (+3 Hz, -3 Hz)

220 VAC 50Hz (+3 Hz, -3 Hz)

240 VAC 50Hz (+3 Hz, -3 Hz)

Power Consumption:

8 watts maximum non-printing

25 watts maximum printing

Supplies and Optional Accessory Cartridges

51626A High-Capacity Black Print Cartridge

51636F LX JetSeries Transparency Film (US letter size)

51636G LX JetSeries Transparency Film (European A4 letter size)

51636H LX JetSeries Glossy Paper (US letter size)

51636J LX JetSeries Glossy Paper (European A4 letter size)

HP22706B Prestige Elite

HP22706W WordPerfect (includes CG Times

6/8/10/12/14/18/24 pt., Univers

14/18/24 pt. for WordPerfect 4.2

and above)

HP 22707B 256K RAM Cartridge

Humidity: 10 – 80% RH non-condensing

Noise levels per ISO 9296:

	Normal	EconoMode
Sound Power, L _{wad} :	6.1 B(A)	6.4 B(A)
Sound Pressure, L _{pam} :	47 dB(A)	49 dB(A)

Physical Specifications

Dimensions

443mm (17.5in.) W x 206mm (8.2in.) H x 389mm (15.3in.) D

Weight

6.6kg (14.5lb)

Reliability and Estimated Usage

60,000 page life,

20,000 hours MTBF

2000 hours power-on and 12,000 printed

pages/year

1000 total pages/month maximum use

Warranty

Three-year limited warranty

Product Certifications

Safety Certifications – Power Module: UL, CSA, TUV, SEMKO, NEMKO, FEI, LCIE, SECV.

Safety Certifications – Printer with Power Module: UL, CSA, TUV, ETL. Others not required.

EMI Certifications – Printer with Power Module: FCC

Class B when used with a Class B computing device

(USA), EMC Directive 89/336/EEC (European

Community), VCCI (Japan), SABS (South Africa),

RRL (South Korea)

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Dealer's Stamp

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* Approximate figures. Exact speed will vary depending on the system configuration, software application used, and amount of page coverage.