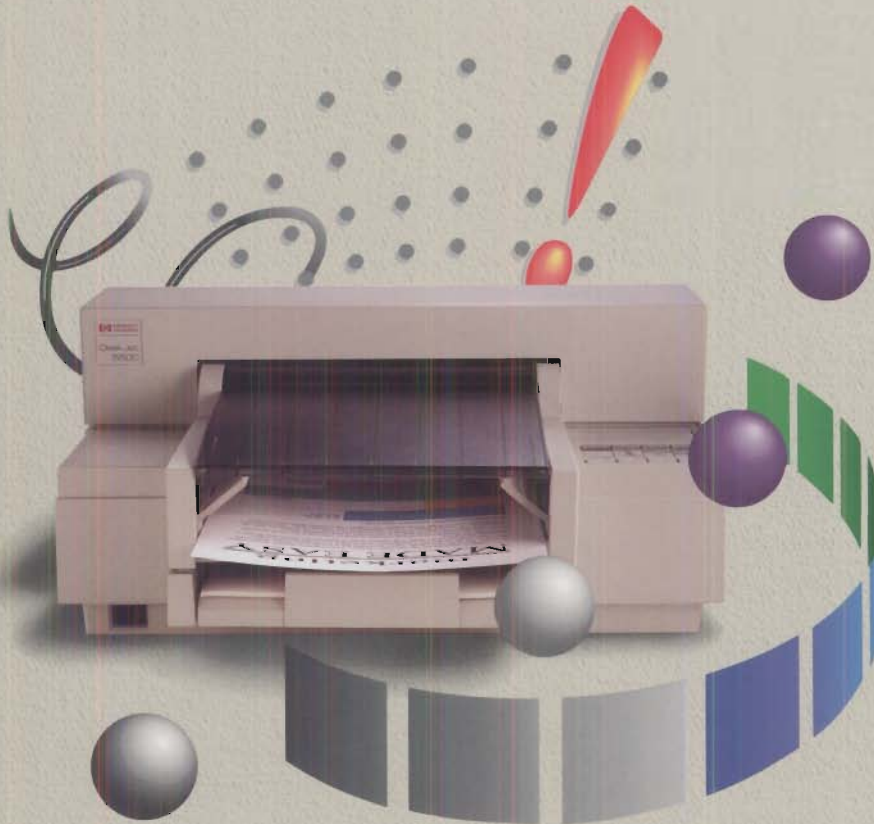


HP C2121A

HP DeskJet 550C Inkjet Printer

Technical Data Sheet



HP's high-quality twin-cartridge black and color printer.

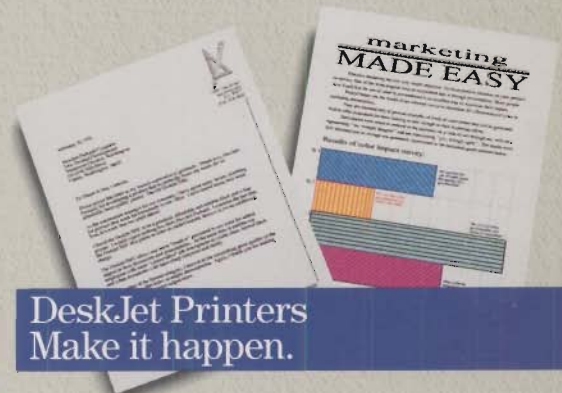
It's never been so easy to print high-quality black and white. And brilliant color. The HP DeskJet 550C inkjet printer has both black and color ink cartridges built in. It delivers crisp, true black printing at 300 dpi. And any color you ask for, too. You can add that special touch, emphasize those important points that set your work apart. Without changing ink cartridges.

What's more, the HP DeskJet 550C is affordably priced. It prints faster than dot matrix. Easily handles a whole range of paper, envelope, and transparency materials. It works with most popular DOS and Windows™ software. It has lots of typefaces to use. And it's protected by a 3-year warranty, the longest in the industry.

So if you're ready to step up and make an impression, step up to the HP DeskJet 550C inkjet printer. Truly convenient black and color printing.

Features

- Crisp, clear 300 dpi black and color printing.
- Affordable price.
- Resident black and color ink cartridges work together to provide both true black and brilliant color.
- Up to 3 pages/minute in black, 4 minutes/page in color.
- Flexibility to use many sizes and types of media: letter, legal, A4, executive-size, transparencies, special paper, glossy paper, stacks of up to 20 envelopes.
- Works with most DOS and Windows™ 3.0/3.1 software for black and color printing.
- Built-in Windows™ installer.
- 6 internal typefaces, 84 selectable fonts for DOS, 13 scalable fonts for Windows.™ TrueType compatible.
- 3-year limited warranty, longest in the industry.
- 256 levels of grayscale for great black graphics.
- Quiet operation.



**DeskJet Printers
Make it happen.**

HP Computer Museum
www.hpmuseum.net

For research and education purposes only.

Specifications (HP C2121A)

Print

Method:

Plain paper drop-on-demand thermal inkjet printing

Black Print Speed*

MS Windows Black Print Speed

Presentation mode (grayscale): 1 page per minute

Normal mode: 2 pages per minute

Draft mode: 3 pages per minute

DOS Black Mechanism Speed

Letter-quality mode: 167 cps at 10 cpi

Draft-quality mode: 240 cps at 10 cpi

Full-page Color Print Speed*

MS Windows™ Color Print Speed

Presentation mode: 7 minutes per page

Normal mode: 4 minutes per page

Draft mode: 3 minutes per page

DOS Color Print Speed

Print speed depends on document contents, software, and system configuration.

Resolution

Letter-quality mode: 300 x 300 dpi

Draft-quality mode: 300 x 150 dpi

Graphics Resolution

75, 100, 150, 300 dpi

Printer Command Language

HP PCL Level 3

Character Set Support

HP Roman8, PC-8, PC-8 (D/N), ISO 7-bit languages (Germany, France, Italy, Norway, Portugal, Sweden, Spain, U.K.), PC-850, ASCII, ECMA-94 Latin 1, HP Legal, HP Line Draw, Math, and PL

Built-in (internal) Fonts

Courier (Portrait Orientation)

Pitch: 5, 10, 16.67, 20

Point size: 6, 12

Style: Upright, italic

Stroke weight: Normal, bold

CG Times (Portrait Orientation)

Pitch: Proportional

Point size: 5, 6, 7, 8, 10, 12, 14

Style: Upright, italic

Stroke weight: Normal, bold

Letter Gothic (Portrait Orientation)

Pitch: 6, 12, 24

Point size: 6, 12

Style: Upright, italic

Stroke weight: Normal, bold

Univers (Portrait Orientation)

Pitch: Proportional

Point size: 5, 6, 7, 8, 10, 12, 14

Style: Upright

(Italic: 5, 6, 10, 12 point only)

Stroke weight: Normal, bold

Courier (Landscape Orientation)

Pitch: 10, 16.67, 20

Point size: 6, 12, 24

Style: Upright

Stroke weight: Normal, bold

Letter Gothic (Landscape Orientation)

6, 12, 24 pt. for 12, 24 pitch

4.7, 9.5, 19 pt. for 16.67 pitch

Style: Upright

Stroke weight: Normal, bold

Fonts for Microsoft® Windows™

Courier, CG Times, Univers, and Symbol.
Scalable up to 127 points.

Interface and Cable Requirements

Connecting HP DeskJet printers to IBM PC compatible computers

Parallel connect: Use an HP C2912A cable or an IBM parallel printer cable or compatible cable.

Serial connect: For 25-pin computer port, use an HP C2913A. For 9-pin computer port, use an HP 24542G or compatible cable.

Media

Size

US Letter (8.5 in. x 11 in.)

European A4 Letter (210 mm x 297 mm)

US Legal (8.5 in. x 14 in.)

US Transparency (8.5 in. x 11 in.)

European A4 Transparency (210 mm x 297 mm)

Executive (7.25 in. x 10.5 in.)

US No. 10 Envelope (4.12 in. x 9.5 in.)

European DL Envelope (220 mm x 110 mm)

Media Weight

16 to 36 lb (60 to 135 g/m²)

Media Handling

Built-in sheet feeder (up to 100 sheets)

Built-in envelope feeder (up to 20 envelopes)

I/O Interface

Centronics parallel or RS-232-C serial

Buffer Size

80 Kbyte receive buffer

No extra memory needed to print full-page graphics.

Power Requirements

Power modules:

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

Frequency:

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

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

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

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

Consumption:

8 watts maximum non-printing

25 watts maximum printing

Supplies and Accessories

51625A Color Print Cartridge

51626A High-Capacity Black Print Cartridge

51636F LX JetSeries Transparency Film (US letter size)

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

51630Y CX JetSeries CutSheet Paper (US letter size)

51630Z CX JetSeries CutSheet Paper (European A4 letter size)

51636H LX JetSeries Glossy Paper (US letter size)

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

Optional Accessory Cartridges

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)

HP22707B 256K RAM Cartridge

Operating Environment

Maximum operating temperature:

5°C (41°F) to 40°C (104°F)

Recommended operating temperature for best print quality: 15°C (59°F) to 35°C (95°F)

Storage temperature: -40°C (-40°F) to 60°C (140°F)

Humidity: 10-80% RH non-condensing

Noise levels per ISO 9296:

	Normal	Draft
Sound Power, L _{wAd} :	6.2 B(A)	6.4 B(A)
Sound Pressure, L _{pAm} :	49 dB(A)	50 dB(A)

Physical Specifications

Dimensions

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

Weight

6.6 kg (14.5 lb)

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

Up to 160 pages/month of color printing

Warranty

Three-year limited warranty.

Product Certifications

Safety Certifications — Power Module: UL, CSA, TUV or VDE, BSI, SEMKO, NEMKO, FEL, 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/CE (European Community), VCCI (Japan), SABS (South Africa)

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