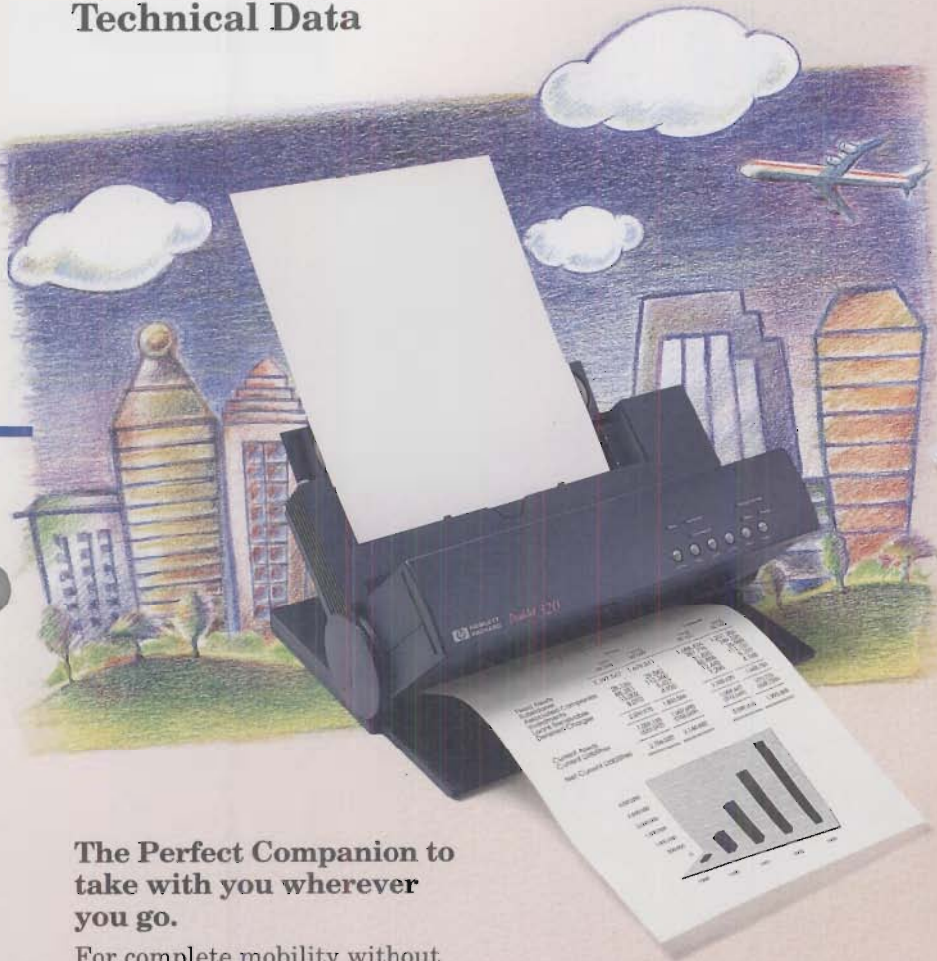


HP DeskJet 320 Printer and HP DeskWriter 320 Printer

Technical Data



The Perfect Companion to take with you wherever you go.

For complete mobility without sacrificing the powerful features of a desktop printer, the HP DeskJet 320 and the HP DeskWriter 320 deliver professional quality black plus easy-to-add color. The printers are small and rugged enough to take with you wherever you go. Whether you're travelling or working at home, you won't have to compromise quality to get a full-featured printer in a portable package.

Crisper, Blacker Blacks.

- 600 x 300 dpi black printing on plain paper plus Hewlett-Packard's exclusive Resolution Enhancement technology for crisp, clear, easy-to-read documents.

Compact, Portable Design.

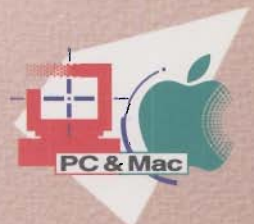
- Mobility with the features you want in a desktop printer — speed, automatic paper feed, and more. Fits neatly into a briefcase for easy printing when you're on the go.

Easy-to-Add Color.

- Adding color is easy with the low-cost, optional HP Color Kit. Just snap in the cartridge and print!
- HP's breakthrough ColorSmart technology for clear, vivid colors at the touch of a button.

Worldwide Convenience and Dependability.

- Print wherever you go with a wide range of optional accessories — including an automatic sheet feeder, rechargeable battery, and carrying case.
- Backed by a one-year worldwide HP warranty for peace of mind no matter where you travel.



HP Computer Museum
www.hpmuseum.net

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SPECIFICATIONS

The HP DeskJet 320 and HP DeskWriter 320 are plain paper drop-on-demand thermal inkjet printers. They come equipped with an external power adapter, snap-on printer stands, printer driver(s) and font disk(s), one black print cartridge, and a User's Guide Kit.

HP DeskJet 320 (HP C2634A)

Print

- **Print Speed***
Letter-quality mode: up to 2 pages per minute (ppm);
Draft mode: up to 3ppm
Full-color graphics (with Color Kit): 4-7 minutes per page (mpp)
Mechanism Speed: Letter-quality mode: up to 167 cps at 10 cpi; Draft mode: up to 330 cps at 10 cpi
- **Resolution**
Best mode: (black) 600 x 300 dpi; (color) 300 x 300 dpi
Draft mode: 150 x 300 dpi
- **Graphics Resolution**
Horizontal axis: 75, 100, 150, 300, 600 (black only) dpi;
Vertical axis: 75, 100, 150, 300 dpi
- **Printer Command Language**
HP PCL Level 3 with extensions
- **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, and HP Legal
- **Built-In (Internal) Fonts**
Portrait: Courier, Italic, Bold, Bold Italic; CG Times, Italic, Bold, Bold Italic; Letter Gothic, Italic, Bold, Bold Italic; Univers, Italic, Bold, Bold Italic
Landscape: Courier, Bold; Letter Gothic, Bold
- **TrueType Scalable Fonts for Windows 3.1 and Above**
Arial® Black; CG Poster Bodoni; Gill Sans® Shadow; CG Goudy Old Style, Italic, Bold; Graphite Light, Light Narrow; Lucida® Casual, Italic; PL Benguiat Frisky; Phyllis; Signet Roundhand; Milestones™

Software Compatibility

Compatible with an extensive range of DOS software applications; MS Windows™ compatible; OS/2 compatible

I/O Interface

Centronics parallel (cable not included)

Buffer Size

48 Kbyte receive buffer
No extra memory needed to print full-page graphics

HP DeskWriter 320 (HP C2633A)

Print

- **Black Print Speed***
Best mode: 1 page per minute (ppm); Normal mode: 2ppm; EconoMode: 3ppm
- **Full-Color Graphics (with Color Kit)***
Best mode: 7 minutes per page (mpp); Normal mode: 4mpp; EconoMode: 3mpp
- **Resolution**
Best mode: 600 x 300 dpi (black), 300 x 300 dpi (color); EconoMode: 150 x 150 dpi
- **Color Matching Capability**
ColorSync support with System 7.0.1
- **TrueType Scalable Fonts**
ITC Avant Garde Gothic Book, Demi; ITC Bookman Light, Light Italic, Demi, Demi Italic; Courier; Helvetica™, Bold, Narrow, Narrow Bold; New Century Schoolbook, Italic, Bold, Bold Italic; Symbol; Times,

Italic, Bold, Bold Italic; ITC Zapf Chancery Medium Italic; ITC Zapf Dingbats; Bernhard Modern; Cooper Black; Dom Casual; PL Torino Outline; CG Poster Bodoni; Graphite Light, Light Narrow; Lucida™ Casual, Italic; PL Benguiat Frisky; Phyllis; Signet Roundhand; Milestones™, ATM compatibility

Software Compatibility

Works with any software written for Macintosh System 6.0.7 and above

System Compatibility

Full Macintosh™ compatibility (QuickDraw-based)

I/O Interface

RS-422-A serial/AppleTalk

- **Buffer Size:** 80 Kbyte receive buffer
No extra memory needed to print full-page graphics

HP DeskJet 320 and HP DeskWriter 320

Color Capability

16.7 million colors with the HP Color Kit; easy, vivid colors with HP ColorSmart technology

Media

- **Size:** U.S. letter (8.5 x 11 in), U.S. legal (8.5 x 14 in), Executive (7.25 x 10.5 in), European A4 (210 x 297 mm), HP labels, LX JetSeries transparency film (U.S. letter and European A4), LX JetSeries glossy paper (U.S. letter and European A4) (Note: To ensure optimum results, use only recommended paper types.)
- **Weight:** Paper: 16 to 24 lb
- **Handling:** Manual feeding or with cut-sheet feeder

Power Requirements

- **AC Powered or Battery:** (HP C3003A battery or Panasonic 1 hour); battery charges when printer is on or off and plugged into an AC outlet
- **Multi-Voltage Power Adapter:** 100 to 240 VAC input voltage
- **Power Consumption:** 5 watts maximum non-printing; 13.5 watts maximum printing; 8 watts charging

Operating Environment

Operating temperature range: 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: 15-80% RH non-condensing, (30-80% RH non-condensing for transparencies in sheet feeder mode)
Noise levels per ISO 7779/9296:
Sound Power, L_{wAd} : <58 dB (A)
Sound Pressure, L_{pAm} : <45 dB (A)

Physical Specifications

- **Dimensions:** Printer only, 2.6 in H x 12.2 in W x 5.8 in D; printer and cut-sheet feeder, 3.2 in H x 13 in W x 9.6 in D
- **Weight:** 4.3 lbs (with cut-sheet feeder, 7.5 lbs)

Ordering Information

| | |
|--------|---|
| C2634A | HP DeskJet 320 (4.3 lbs) |
| C2637A | HP DeskJet 320 Bundled with Automatic Cut-Sheet Feeder |
| C2633A | HP DeskWriter 320 (4.3 lbs) |
| C2636A | HP DeskWriter 320 Bundled with Automatic Cut-Sheet Feeder |
| 51625A | Color Print Cartridge |
| 51633A | Black Print Cartridge (Replaces 51608A) |
| | HP LX JetSeries Transparency Film |
| 51636F | Letter size |
| 51636G | A4 size |
| | HP LX JetSeries Glossy Paper |
| 51636H | Letter size |

| | |
|---|---|
| 51636J | A4 size |
| 92296 series | HP Labels |
| C3003A | Rechargeable Battery (5.5 oz) |
| C3004A | Worldwide Rapid Recharger (.77 lb) |
| C3005A | Automatic Cut-Sheet Feeder (3.1 lbs) |
| C3050A | Carrying Case (4.1 lbs) |
| C3067A | HP Color Kit |
| H5461A | HP Support Pack (Service contract) |
| Additional for HP DeskJet 320 | |
| C3061A | Low-Profile Centronics Parallel Cable (3.61 ft) |
| Additional for HP DeskWriter 320 | |
| 92215N | AppleTalk Cable (8.53 ft) |
| C3066A | HP DeskWriter Apple Connect Serial Cable |

Reliability and Estimated Usage

25,000 page life; 20,000 hours MTB; 500 total pages per month maximum use

Warranty

One-year limited warranty (worldwide)

Product Certifications

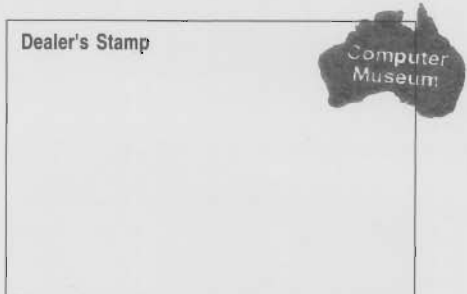
Safety Certifications: Power Adapter: UL, CSA, TUV or VDE, SEMKO, NEMKO, SETI/FI, LCIE, SEV, DEMKO, SECV, MITI, NOM; Safety Certifications: Printer with power adapter: UL, CSA, TUV (others not required); EMI Certifications: Printer with power adapter: FCC Class B when used with a Class B computing device (U.S.A.), EMC Directive 89/336/EEC (European Community), VCCI (Japan), SABS (South Africa)

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