



World's fastest photo all-in-one¹ with networking and PC-free photo printing

- World's fastest photo all-in-one¹
- Print without a PC—using 2.4" display and using most memory cards
- Up to 32 ppm black, and up to 31 ppm color—4 x 6 photos as fast as 12 seconds



World's fastest photo all-in-one¹

World's fastest photo all-in-one¹ with six individual ink cartridges

- Breakthrough print/copy speeds—up to 32 ppm black and 31 ppm color, photos in as fast as 12 seconds.
- Economical, individual six inks—replace only the cartridges that run out of ink.
- HP inkjet cartridges—designed for efficient ink usage so you can save ink and money.

Preview, edit and print photos without a PC

- Preview, edit and print photos from camera memory cards using 2.4-inch display.
- Print photos and reprints without a PC—use 2.4-inch display and digital camera memory cards.²
- Automated 4 x 6-inch tray for dedicated photo printing.
- Create borderless³ and panorama photos, and your own creative projects using HP Photosmart software

Make your own reprints, plus fix and share photos

Make your own photo reprints, remove red eye and share, print and save photos

- Professional-quality photo reprints with consistently accurate color reproduction—all without a PC.
- Touch the HP Photo Fix button to remove red eye and enhance detail with HP Real Life technologies.
- Effortlessly share, print and save your photos using the image display and HP Photosmart Express.

Built-in networking for easy all-in-one sharing

Share the performance of your all-in-one with multiple PCs on a small network

- Built-in networking—share your all-in-one on a small computer network with or without wires.⁴
- For wireless benefits, plug your all-in-one into the Ethernet port of a wireless router.
- Send photos to and from your all-in-one at faster speeds with Hi-Speed USB 2.0 connection.

Print lab-quality photos and laser-quality text

Print lab-quality, long-lasting photos and laser-quality black text documents

- Print rich and realistic photos with 6-ink color and laser-quality text with HP Vivera Inks.
- Photos resist fading for generations⁵ and text documents retain clarity for decades.⁶
- Precision scanning with 2400 x 4800 dpi resolution,⁷ plus remove scratches in images.

¹Speed comparisons in Default and Fastest modes, when printing from a computer, based upon HP internal testing of comparable consumer photo printing products available as of April 2006.

²Memory card slots support Secure Digital/MultiMediaCard, CompactFlash, Memory Stick, Memory Stick Duo, xD-Picture Card.

³Using brochure and photo papers for borderless printing.

⁴Wireless performance is dependent upon physical environment and distance from access point.

⁵Based on paper industry predictions for acid-free papers. Colorant stability data at room temperature based on similar systems tested as per ISO 11798 and ISO 18909.

⁶Based on Wilhelm-Research.com light-fade testing under glass (as of November 2005) on HP's premium plus photo paper. For more information on additional permanence testing factors, visit <http://www.hp.com/go/premiumplusphoto>.

⁷Maximum resolution may be limited by scan size, available computer memory and disk space, file format and other system factors.

HP Photosmart C5180 All-in-One Printer, Scanner, Copier

Datasheet

Technical specifications

Print Technology	HP Thermal Inkjet
HP Real Life Technologies Features	HP Adaptive Lighting, HP Auto Red-eye Removal
Print Resolution	Black (best): Up to 1200 rendered dpi black (when printing from a computer); Color (best): Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
Print Speed¹	Black (draft; letter): Up to 32 ppm; Color (draft; letter): Up to 31 ppm, 4 x 6-in photo: As fast as 12 sec
Print Capabilities	Direct Printing: Yes(memory cards); Borderless Printing Supported: Yes (up to 8.5 x 11 in.); Delayed Sending Supported: No; Envelope Feeder Supported: No; All in One Multitasking Supported: Yes; Automatic Paper Sensor Supported: No; Video Action Printing Supported: No
Recommended Monthly Volume	Up to 3000 pages
Copy Features	Number of Copies Maximum: Up to 50 copies; Copy Scaling: 50 to 400%
Copier Settings	Stand-alone copying: Actual size, Fit to page, Fill entire page, Custom 100%, Image sizes, Poster
Copy Resolution	Up to 4800 x 1200 optimized dpi
Copy Speed	Black: Up to 8 cpm; Color: Up to 7 cpm
Scan Type	Type: Flatbed; Technology: CIS; Bit depth: 48-bit; Grayscale Levels: 256;
Scan Resolution	Optical: Up to 2400 dpi; Hardware: Up to 2400 x 4800 dpi; Enhanced:² Up to 19200 dpi
Scan Speed	OCR US letter: < 21 sec, 4 x 6-in photo: < 25 sec; Preview mode: Up to 8 sec
Scan Size Maximum	US: 8.5 x 11.7 in; Metric: 215 x 297 mm
Connectivity	Standard: 1 USB, 1 Ethernet; External IO Ports: 1 USB, Ethernet; Wireless Capability: Optional, enabled with purchase of a hardware accessory
Paper Handling	Input capacity: 100-sheet input tray plus automated 4 x 6-in photo tray, Up to 100 sheets US letter/legal, Up to 30 transparencies, Up to 30 labels, Up to 30 photo paper (Up to 20 photo paper, photo tray), Up to 20 4 x 6-in photo, Up to 40 cards (Up to 20 cards, photo tray), Up to 10 envelopes Output capacity: 50 sheet output tray, Up to 50 sheets US letter/legal, Up to 10 transparencies, Up to 10 labels, Up to 10 photo paper, Up to 25 cards, Up to 10 envelopes
Memory Card Compatibility	CompactFlash Type I and II, IBM Microdrive, Memory Stick, Memory Stick Duo (adapter not included, purchase separately), mini-SD (adapter not included, purchase separately), Secure Digital/MultiMediaCard, xD-Picture Card; Output File Format: Memory cards: JPEG, TIF, AVI, MOV, MPG
Media Types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP's premium media, iron-on transfers, borderless media, panorama
Media Sizes Standard	US: Letter, legal, executive, No. 10 envelopes, cards, borderless photo (4 x 6-in, 5 x 7-in, 8 x 10-in), borderless panorama (4 x 10-in, 4 x 11-in, 4 x 12-in); Metric: Paper: A4 (210 x 297 mm), A5 (148 x 210 mm), B5 (176 x 250 mm); transparencies: A4 (210 x 297 mm); envelopes: DL (110 x 220 mm), C6 (114 x 162 mm); cards: A6 (105 x 148 mm); labels: A4 (210 x 297 mm); photo paper: A4 (210 x 297 mm), panorama (100 x 300 mm), 130 x 180 mm, 100 x 150 mm (with or without tear-off/cut-off tab), Hagaki, Mitsuguri
Custom Media Sizes	US: Tray 1: 3 x 5 to 8.5 x 24 in; Tray 2: 4 x 6 in; Metric: Tray 1: 76 x 127 to 215 x 610 mm; Tray 2: 100 x 150 mm
Media Weight (US)	Tray 1: US letter (16 to 24 lb), HP envelopes (20 to 24 lb), HP cards (up to 110 lb index max), HP photo paper (up to 75 lb); Tray 2: HP 4 x 6-in photo paper (up to 75 lb); Recommended: 16 to 24 lb (60 to 90 g/m ²)
Memory	Standard/Maximum: 64 MB
Display Description	2.4-in LCD (color graphics)
Vertical Alignment/Skew	+/- 0.0002 in (+/- 0.0508 mm) / +/- 0.006 in

¹Print speed may vary depending on the type of output.

²The maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors.

³Power requirements are based on the country/region where the product is sold. Do not convert operating voltages or use with other voltages. Doing so might cause damage that would not be covered under HP's product warranty.

Other

Compatible Operating System

Windows 98 SE, Me, 2000 (SP3 or higher) or XP; Mac OS X v 10.3.9, v 10.4

Minimum System Requirements

For PC Systems: Any Intel Pentium II, Celeron-compatible processor or higher; 128 MB RAM (256 MB or higher recommended for all operating systems), 425 MB available hard disk space; SVGA 800 x 600 monitor with 16-bit color; Windows 98 SE, Me, 2000 (SP3 or higher) or XP Home or XP Professional; CD-ROM drive; available USB port and USB cable for direct connection; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended; Internet Explorer 5.01 (SP2 or higher); **For Mac Systems:** Mac OS X v 10.3.9, v 10.4; G3 processor (G4 or higher recommended); 128 MB RAM (256 MB or higher recommended), 400 MB available hard disk space for software installation (requires CD writer and 700 MB of additional hard disk space); available USB port and USB cable for direct connection; CD-ROM drive; SVGA 800 x 600-monitor with 16-bit color; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended; HP Memories Disc Creator software; QuickTime 5.0 or later; any Web browser

Product Dimensions (w x d x h) / Weight

Dimensions: 17.6 x 15.2 x 7.44 in (446 x 387 x 189 mm) / **Weight:** 21 lb (9.5 kg)

Operating Environment

Recommended Operating Temperature: 59 to 90° F (15 to 32° C); **Storage Range:** -4 to 122° F (-20 to 50° C); **Maximum Operating Temperature:** 41 to 95° F (5 to 30° C); **Operating Humidity:** 15 to 80% RH; **Humidity Recommended Operating Range:** 15 to 80% RH; **Storage Humidity:** 5 to 90% RH

Acoustics

Acoustic Power Emissions/Active Copy or Scan: 6.8 B(A); **Acoustic Power Emissions/Active:** 6.8 B(A); **Acoustic Pressure Emissions/Active Copy or Scan:** 54 dB(A); **Acoustic Pressure Emissions/Active:** 55 dB(A)

Power

Type: External; **Power Supply Required³:** 100 to 240 VAC (+/- 10%), 50-60 Hz (+/- 3 Hz); **Consumption:** 5.6 watts (ready); 5.3 watts (sleep); 0.2 watts (off)

Warranty

One-year limited hardware warranty backed by HP Customer Care, service and support; one-year technical phone support, plus a toll-free number



Product Number: Q8220A

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Ordering information

What's in the Box?

- HP Photosmart C5180 Printer
- HP 02 Black Ink Cartridge (16 ml)
- HP 02 Cyan Ink Cartridge (4.5 ml)
- HP 02 Magenta Ink Cartridge (4.5 ml)
- HP 02 Yellow Ink Cartridge (4.5 ml)
- HP 02 Light Cyan Ink Cartridge (4.5 ml)
- HP 02 Light Magenta Ink Cartridge (4.5 ml)
- HP Photosmart Premier software on CD-ROM
- Setup Guide
- Basics Guide
- Power Supply
- Power Cord

HP Product

HP Photosmart C5180 All-in-One Printer, Scanner, Copier

Part Number

Q8220A

Replacement Ink Cartridges

HP 02 Black Inkjet Print Cartridge, 10 ml	C8721W
HP 02 Cyan Inkjet Print Cartridge, 4 ml	C8771W
HP 02 Magenta Inkjet Print Cartridge, 3.5 ml	C8772W
HP 02 Yellow Inkjet Print Cartridge, 6 ml	C8773W
HP 02 Light Cyan Inkjet Print Cartridge, 5.5 ml	C8774W
HP 02 Light Magenta Inkjet Print Cartridge, 5.5 ml	C8775W

HP Business Communication Paper & Film

HP Photo Papers

HP Creative Papers

Accessories

HP USB cable	C6518A
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For more information visit our website at www.hp.com

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