

HP Photosmart C6180

All-in-One Printer, Fax, Scanner, Copier

Datasheet



Powerful photo and document performance with fax and wireless networking¹

- Share all-in-one with multiple computers using built-in wireless networking
- Scan, copy and fax with automatic 50-sheet document feeder
- Touch the photo fix button to remove red-eye and enhance detail



Built-in wireless networking¹

- Built-in networking—share your all-in-one on a home computer network with or without wires¹
- For wireless benefits, plug your all-in-one into the Ethernet port of a wireless router

Scan, copy and fax with automatic document feeder

- Efficient 50-sheet auto document feeder, automated photo tray and optional auto two-sided printing⁸
- Fast color fax with or without a PC, plus junk fax barrier to eliminate future unwanted junk faxes⁹

World's fastest photo all-in-one¹

- Breakthrough print and copy speeds—up to 32 black ppm and 31 color ppm, photos as fast as 12 seconds
- Economical, individual 6 inks—replace only the cartridges that run out of ink
- HP ink cartridges—designed for efficient ink usage so you can save ink and money

Preview, edit and print photos without a PC

- Print photos and reprints without a PC—use 2.4-inch display and digital camera memory cards²
- Send photos to and from your all-in-one at faster speeds with Hi-Speed USB 2.0 connection
- Create borderless⁴ and panorama photos and your own creative projects using HP Photosmart software
- Automated 4 x 6-inch tray for dedicated photo printing, plus optional auto two-sided printing⁸

Make your own reprints plus fix and share photos

- Professional-quality photo reprints with consistently accurate color reproduction—all without a PC
- Effortlessly share, print and save your photos using the image display and HP Photosmart Express

Print lab-quality photos and laser-quality text

- Print rich and realistic photos with 6-ink color and laser-quality text using HP Vivera Inks
- Powerful scanning with 4800 x 4800 dpi resolution,³ plus remove scratches in images
- Photos resist fading for generations⁵ and text documents retain clarity for decades⁶ when stored
- Touch the HP Photo Fix button to remove red eye and enhance detail with HP Real Life technologies

¹Wireless performance is dependent upon physical environment and distance from access point

²With purchase of HP auto two-sided print accessory. Not included, sold separately

³Requires caller ID service, not included. Price and service contract must be negotiated separately.

⁴Speed comparisons in default and fastest modes, when printing from a computer, based on HP Internal testing of compatible consumer photo printing products available as of April 2006.

⁵Memory card slots support Secure Digital/MultiMediaCard, CompactFlash, Memory Stick, Memory Stick Duo, xD-Picture Card

⁶Using brochure and photo papers for borderless printing

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

⁸Based 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>

⁹Based 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



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Technical specifications

HP Real Life Technologies Features	HP Adaptive Lighting, HP Auto Red-eye Removal, HP scratch and dust removal, Print Technology: HP Thermal Inkjet
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 Speed	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 speed may vary depending on the type of output.)
Print Capabilities	Direct Printing: Yes (memory cards); Borderless Printing Supported: Yes (up to 8.5 x 11 in); All in One Multitasking, Automatic Paper Sensor, Proofsheets Supported, Video Action Printing, Direct photo printing from camera phones with PictBridge or the optional HP bt450 Bluetooth Wireless Printer Adapter
Recommended Monthly Volume	Up to 3000 pages
Fax Features	Auto Fax Reduction, Auto Redialing, Broadcasting Maximum Locations: 48; Color Faxing, Delayed Sending, Distinctive Ring Detection, Fax Forwarding, Fax Phone Features: Auto answer, rings to answer, volume setting, redial, busy redial, no answer redial, Speed Dials: Up to 75, Fax resolution: Up to 300 x 300 dpi Black Best mode, Fax Resolution, photo: Up to 300 x 300 dpi, Fax Speed: 3 sec per page ² (US Letter), Junk Barrier (caller ID required), PC Interface: send from PC, Remote Retrieval Capability: poll to receive
Copy Features	Number of Copies Maximum: Up to 50; 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	Color Text and Graphics: Up to 4800 x 1200 optimized dpi
Copy Speed	Black: Up to 32 cpm; Color: Up to 31 cpm (Speed specifications have been updated to reflect current industry testing methods.)
Scan Type	Type: Flatbed, ADF; Technology: CIS; Bit depth: 48-bit; Grayscale Levels: 256; Scan Size Maximum: US: 8.5 x 11.7 in; Metric: 215 x 297 mm
Scan Resolution	Optical: Up to 4800 dpi; Hardware: Up to 4800 x 4800 dpi; Enhanced¹: Up to 19200 dpi
Scan Speed	OCR US letter: < 29 sec; 4 x 6-in photo: < 24 sec; Preview mode: Up to 8 sec
Connectivity	Standard: 1 USB, 1 Ethernet, 1 PictBridge, wireless 802.11g; External IO Ports: 1 USB, Ethernet; Network Capabilities: Ethernet, Optional Connectivity: HP bt450 Bluetooth Wireless Printer and PC Adapter; Wireless Capability: Yes; Wireless technology: Bluetooth, 802.11g
Memory Card Compatibility	CompactFlash Type I and II, IBM Microdrive, Memory Stick, Memory Stick Duo (adapter not included, purchase separately), miniSD (adapter not included, purchase separately), Secure Digital/MultiMediaCard, xD Picture Card; Output File Format: Memory cards: JPEG, TIF, AVI, MOV, MPG
Paper Handling	100-sheet input tray plus automated 4 x 6-in photo tray, 50-sheet ADF, 50-sheet output tray; Input capacity: Up to 100 sheets US letter/legal, Up to 30 transparencies, Up to 30 labels, Up to 30 photo paper, Up to 20 4 x 6-in photo, Up to 40 cards, 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
Media Types	Paper (plain, inkjet, photo, banner), 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)
Custom Media Sizes	US: Tray 1: 3 x 5 to 8.5 x 24 in; tray 2: 4 x 6 in
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; Maximum Print Length: 24 in
Memory	Standard/Maximum: 64 MB
Display Description	2.4-in LCD (color graphics)
Vertical Alignment/Skew	+/- 0.0002 in / +/- 0.006 in

¹The maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors.

²Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

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, v10.4

Minimum System Requirements

For PC Systems: Any Intel Pentium II, Celeron, compatible processor or higher; 128 MB RAM for Windows 98 SE, Me, 2000 and XP (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; Internet Explorer 5.01 SP2 or higher; CD-ROM drive; Available USB port and USB cable for direct connection; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended; **For Mac Systems:** Mac OS X v10.3.9, v10.4; G3 processor (G4, G5, Intel core processor or higher recommended); 128 MB RAM (256 MB or higher recommended); 400 MB available hard disk space for software installation; available USB port and USB cable for direct connection; HP Memories Disc Creator Software (requires CD writer and 700 MB of additional hard disk space); QuickTime 5.0 or later; any Web browser; CD-ROM drive; SVGA 800 x 600 monitor with 16-bit color; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended

Product Dimensions (w x d x h) / Weight

Dimensions: 17.7 x 15.2 x 9.7 in (450 x 385 x 247 mm) / **Weight:** 23.28 lb (10.6 kg)

Operating Environment

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

Acoustics

Power Emissions/Active Copy or Scan: 6.8 B(A), **Power Emissions/Active:** 6.8 B(A), **Pressure Emissions/Active Copy or Scan:** 54.3 dB(A), **Pressure Emissions/Active:** 54.4 dB(A)

Power

Type: External; **Power Supply Required³:** 100 to 240 VAC (+/- 10%), 50-60 Hz (+/- 3 Hz); **Consumption:** 8.5 watts (ready); 7.4 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: Q8181A

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Ordering information

What's in the Box?

- HP Photosmart C6180 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

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All-in-One Printer, Fax, Scanner, Copier

Part Number

Q8181A

Replacement Ink Cartridges

This all-in-one and its replacement cartridges are designated for sale only in North America.

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

HP Business Communication Paper & Film

HP Photo Papers

HP Creative Papers

Accessories

HP USB Cable	C6518A
HP Automatic Two-sided Printing Accessory ph5582	Q5582A
HP bt450 Printer and PC Adapter with Bluetooth® Wireless Technology	Q6398A

For more information visit our website at www.hp.com

4AA0-6278ENUC, 06/23/2006

