

HP Photosmart C7180

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

Datasheet



Ultimate photo all-in-one with fax, superior scanning and advanced wireless

- Preview, edit and print photos without a PC—using 3.6" display and most memory cards¹
- Share all-in-one with multiple computers using built-in wireless networking²
- Print lab-quality photos and laser-quality text

Preview, edit and print using 3.6-inch display

- Print photos without a PC using large 3.6-inch QVGA display and digital camera memory cards¹
- Create borderless³ 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 printing⁴

Make and share reprints with built-in film adapter

- Scan slides/negatives with built-in adapter, plus restore faded photos and remove dust and scratches
- Effortlessly share, print and save your photos using the image display and HP Photosmart Express
- Professional-quality photo reprints with consistently accurate color reproduction—all without a PC

Print from PDAs via Bluetooth wireless technology

- Print photos directly from camera phones using built-in Bluetooth wireless technology
- Print from iPaks, PDAs and other mobile devices using built-in Bluetooth wireless technology

Built-in wireless networking¹

- Built-in networking—share your all-in-one on a home computer network with or without wires²
- 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



World's fastest photo all-in-one⁵

- 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
- Fast color fax with or without a PC, plus junk fax barrier to eliminate future unwanted junk faxes⁶

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
- Superior HP scanning quality with 4800 x 4800 dpi,⁷ 48-bit color depth and CCD optical reduction
- Photos resist fading for generations⁸ and text documents retain clarity for decades⁹ when stored
- Touch the HP Photo Fix button to remove red eye and enhance detail with HP Real Life technologies

¹Memory card slots support Secure Digital/MultiMediaCard, CompactFlash, Memory Stick, Memory Stick Duo, xD-Picture Card

²Wireless performance is dependent upon physical environment and distance from access point..

³Using brochure and photo papers for borderless printing.

⁴With purchase of HP auto two-sided print accessory. Not included, sold separately..

⁵Speed comparisons in default and fastest modes, when printing from a computer, based on HP internal testing of compatible consumer products available as of April 2006.

⁶Requires caller ID service, not included. Price and service contract must be negotiated separately.

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 24 in); Envelope Feeder Supported: 50 envelopes; All in One Multitasking, Automatic Paper Sensor, Proofsheet Supported, Video action printing from selected HP Photosmart cameras, Camera Phones supported (PictBridge, Bluetooth); Vertical Alignment/Skew: +/- 0.0002 in; +/- 0.0006 in |
| 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 ¹ (US Letter), Junk Barrier (caller ID required), PC Interface: send from PC, Remote Retrieval Capability: poll to receive |
| 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 | Color Text and Graphics: Up to 4800 x 1200 optimized dpi; Black Text and Graphics: Up to 1200 x 1200 dpi |
| Copy Speed | Black: Up to 32 cpm; Color: Up to 31 cpm |
| Scan Features | Type: Flatbed; Technology: CCD; Bit depth: 48-bit; Grayscale Levels: 256; Maximum Scan Size: US: 8.5 x 11.7 in; Built-in Transparent Media Adapter (TMA): Up to 6 negatives or 4 slides |
| Scan Resolution | Optical: Up to 4800 dpi; Hardware: Up to 4800 x 4800 dpi; Enhanced: ² Up to 19200 dpi |
| Scan Speed | OCR US letter: < 21 sec; 4 x 6-in photo: < 24 sec; Preview mode: Up to 9 sec |
| Connectivity | Standard: 1 USB, 1 Ethernet, 1 PictBridge, Wireless 802.11g, Bluetooth; External IO Ports: 1 USB, Ethernet; 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 output tray; Input capacity: 100-sheet input tray, Up to 100 sheets US letter/legal, Up to 30 sheets transparencies, Up to 30 label sheets, 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: Up to 50 sheets 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); Maximum print length: 24 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 |
| Memory | Standard/Maximum: 64 MB |
| Display Description | 3.6-in LCD (color graphics) |

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

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, 2000 SP3 or higher, Me, XP; Mac OS X v 10.3.9, 10.4

Minimum System Requirements

For PC Systems: Any Intel Pentium III Celeron compatible processor or higher; 128 MB RAM for Windows 98 SE, Me, 2000, 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, 2000 SP3 or higher, Me, XP; CD-ROM drive; Internet access with Internet Explorer 5.01 SP2 or higher; Adobe Acrobat Reader 5 or higher; available USB port and USB cable for direct connection; **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: 18.31 x 15.43 x 8.5 in (465 x 392 x 216 mm); **Maximum:** 18.3 x 19.96 x 8.5 in (465 x 507 x 216 mm)/ **Weight:** 25.94 lbs (11.8 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

Power Emissions/Active Copy or Scan: 6.8 B(A); **Power Emissions/Active:** 6.7 B(A); **Acoustic Pressure Emissions/Active Copy or Scan:** 53.2 dB(A); **Pressure Emissions/Active:** 53 dB(A)

Power

Type: External; **Power Supply Required:**³ Input voltage: 100 to 240 VAC (+/- 10%), 50 to 60 Hz (+/- 3 Hz); **Consumption:** 14 watts (ready); 9.4 Watts (sleep); 0.3 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: Q8200A

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What's in the Box?

- HP Photosmart C7180 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

Q8200A

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

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

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