HP Deskjet F4180
All-in-One Printer, Scanner, Copier
Datasheet

Easily print, scan and copy with this affordable, stylish all-in-one

- Print and copy fast—up to 20 ppm black, up to 14 ppm color
- Easily print, copy and scan documents, web pages and photos
- Preserve and restore documents and photos with 1200 x 2400-dpi scan resolution[1]

Choose fast and reliable all-in-one performance

- Get fast, everyday prints and copies at speeds up to 20 ppm black and 14 ppm color.
- Print worry-free, using an all-in-one built with HP award-winning reliability.
- Count on durability and performance—this all-in-one is made to last.
- Affordable printing and fewer cartridge changes with high-capacity replacement inkjet cartridges.[2]
- Rely on excellence—PC Magazine has designated HP as a "Readers' Choice" for 15 years in a row.

Achieve all-in-one ease for your home or office

- Printing made simple—easily print, copy and scan everyday documents, web pages and photos.
- Make copies in color or black and white without using a computer.
- Print what you see—HP Smart Web Printing ensures you get usable web pages without cut-off edges.[3]
- Save paper and ink—easily cancel unwanted print jobs with a one-touch print-cancel button.
- Easily edit, print and share photos, using included photo software—starts with a one-touch button.

Get laser-quality text and colorful documents

- Print long-lasting documents that maintain text and color quality for decades without fading[4]
- Preserve and restore documents and photos with 1200 x 2400-dpi scan resolution.[1]
- Scan from books and thick materials—the scan cover can be taken off and easily replaced.
- Print and copy 4 x 6-inch borderless[5] photos, or print with borders in sizes up to 8.5 x 11-inches.
- Enhance the color quality of your photos with optional 6-ink color.[6]

[1] Maximum resolution may be limited by scan size, available computer memory and disc space, file format and other system factors
[2] Not included, please purchase separately
[3] Requires Microsoft Internet Explorer 6.0.
[4] Based on paper-industry predictions for acid-free papers, colorant stability data at room temperature based on similar systems tested per ISO 11798 and ISO 18909
[5] Using 4 x 6-Using 4 x 6-inch HP photo papers plus tab inch HP photo papers plus tab.
[6] Six-ink printing available with purchase of optional HP 58 Photo Inkjet Cartridge; not included; sold separately

Technical specifications

AIO Functions	Color printing, color copying, color scanning
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 Speed[1]	**Black (draft):** 20 ppm; **Color (draft):** 14 ppm
Printer Drivers Included	Lightweight Imaging Device Interface Language (LIDIL)
Printing Capabilities	**Direct Print:** No; **Borderless Printing:** Yes (up to 4 x 6 in); **Video Action Printing:** No
Printer Language	Lightweight Imaging Device Interface Language (LIDIL)
Duty Cycle	Up to 500 pages
Copy Features	**Number of Copies Maximum: 9; Copy Scaling:** 25 - 200%
Copier Settings	Stand-alone black and color copying for plain paper or photo paper
Copy Resolution	**Black Text:** Up to 600 dpi; **Black Graphics:** Up to 600 dpi; **Color Graphics:** Up to 1200 x 2400 dpi scan resolution
Copy Speed	**Black:** Up to 20 ppm; **Color:** Up to 14 ppm
Scan Type/Input Modes	**Type:** Flatbed; **Technology:** CIS; **Input Modes:** Front-panel scan, HP Director, TWAIN; **Bit-depth:** 48-bit; **Grayscale Levels:** 256; **Twain Version:** Version 1.1
Scan Resolution	**Optical:** Up to 600 dpi; **Hardware:** Up to 600 x 2400 dpi; **Enhanced:** Up to 19200 dpi (The maximum dpi at which you can scan is limited by available computer memory, disk space and other system factors.)
Scan Size Maximum	**US:** 8.5 x 11.7 in; **Metric:** 215 x 297 mm
Scan Speed[2]	**Preview mode:** up to 14 sec, **x photo:** < 48 sec, OCR: up to 24 sec
Standard Connectivity	1 USB
Paper Handling	**Input:** 100-sheet input tray; **Input capacity:** Up to 100 US letter/legal, Up to 20 transparencies, Up to 20 labels, Up to 20 cards, Up to 10 envelopes; **Output:** Up to 50 sheet output tray; **Output capacity:** Up to 50 US letter/legal; Up to 15 transparencies, Up to 20 labels, Up to 10 cards, Up to 10 envelopes
Media Types	Paper (inkjet, photo, plain), envelopes, labels, cards, transparencies, iron-on transfers, HP premium media
Media Sizes Standard (US)	Letter, legal, executive, cards, A2
Custom Media Sizes	**US:** 3 x 5 to 8.5 x 14 in; **Metric:** 77 x 127 to 216 x 356 mm
Media Weight (US)	US letter: 20 to 24 lb; legal: 20 to 24 lb; envelopes: 20 to 24 lb; cards: up to 110 lb index maximum; photos: up to 145 lb
Media Weight Recommended	20 to 24 lb
Memory	**Standard/Maximum:** 32 MB RAM
Compatible Operating System	Windows 2000 (SP3); Windows XP Home; Windows XP Professional; Windows Vista(TM) Ready; Mac OS X v 10.3.9; Mac OS X v 10.4 or higher

Minimum System Requirements	**PC:** CD-ROM drive; available USB port and USB cable; SVGA 800 x 600 monitor with 16-bit color; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended. For Microsoft Windows 2000 (SP3 or higher), or XP: Any Intel Pentium II, Celeron, or compatible processor, 233 MHz or higher; 128 MB RAM (256 MB or higher recommended); 350 MB available hard disk space; Microsoft Internet Explorer 5.01 (SP2) or higher. For Microsoft Windows Vista: 800 MHz 32-bit (x86) or 64-bit (x64) processor; 512 MB RAM; 900 MB available hard disk space; Microsoft Internet Explorer. **Mac:** Mac OS X v10.3.9, v10.4 or later; Macintosh computer with a PowerPC G3, G4, G5 or Intel Core processor; 128 MB RAM (256 MB or higher recommended); 150 MB available hard disk space; QuickTime 5.0 or later; any Web browser; CD-ROM drive; available USB port and USB cable; SVGA 800 x 600 monitor with 16-bit color; Adobe Acrobat Reader 5 or higher recommended; Internet access recommended
Operating Environment	**Recommended Operating Temperature:** 59 to 90° F (15 to 32° C); **Storage Range:** -40 to 140° F (-40 to 60° C); **Maximum Operating Temperature:** 41 to 104° F (15 to 32° C); **Operating Humidity:** 15 to 85% RH; **Humidity Recommended Operating Range:** 15 to 85% RH; **Storage Humidity:** 20 to 80% RH
Product Dimensions (w x d x h)	16.76 x 17.98 x 16 in maximum (425.7 x 456.6 x 407.5 mm)
Product Weight	9.4 lb (4.3 kg)
Acoustics	**Acoustic Pressure Emissions (active):** 44 dB(A) (color printing); 49 dB(A) [black-and-white print (normal)]; 20 dB(A) (idle), **Acoustic Power Emissions (active, printing):** 5.7 B(A) (color printing); 6.2 B(A) [black-and-white printing (normal)]; 3.3 B(A) (idle)
Power	**Type:** External; **Power Supply Required:** Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 1 amp maximum; **Consumption:** 80 watts maximum
Warranty	One-year limited hardware warranty backed by HP Customer Care, service and support; one-year technical phone support, plus a toll-free number (NA only)

Ordering information

What's in the box?	HP Deskjet F4180 All-in-One, HP 21 Black Inkjet Print Cartridge (5 ml), HP 22 Tri-color Inkjet Print Cartridge (5 ml), HP Photosmart Essential Software, Setup Guide, Basics Guide, power supply, power cord

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

HP Product	Part Number
HP Deskjet F4180	CB584A
All-in-One Printer, Scanner, Copier	
Replacement Ink Cartridges	
HP 21 Black Inkjet Print Cartridge, 5 ml	C9351A
HP 54 Black Inkjet Print Cartridge, 20 ml	CB334A
HP 22 Tri-color Inkjet Print Cartridge, 5 ml	C9352A
HP 57 Tri-color Inkjet Print Cartridge, 17 ml	C6657A
HP 58 Photo Inkjet Print Cartridge, 17 ml	C6658A
HP Business Communication Paper & Film	
HP Photo Papers	
HP Creative Papers	
Accessories	
HP USB Cable	C6518A

[1]Print speed may vary depending on the type of output.
[2] Scan speeds vary according to complexity of the document.