



HP Photosmart Pro B9180 Photo Printer



Produce gallery-quality black-and-white and color photos and fine art prints.

Professional photo quality

With this professional photo printer, you can confidently—and consistently—create the quality of prints you'll be proud to exhibit, showcase, or sell. Exclusive, new pigment-based HP Vivera inks are specially formulated for beautiful, life-like portraits, wide color range landscapes, and custom fine art prints. Get black-and-white photos with perfectly neutral gray tones and deep black shadow reproductions. Rely on exceptional durability—waterproof photos resist fading for more than 230 years when printed with HP Vivera inks on HP Advanced Photo Paper.¹

Thanks to the speed, quality, and convenience of the HP Photosmart Pro printing system, you can upload, enhance, color-correct, and print virtually any size and type of photo or photo proof right in your own studio. In addition, HP's high-capacity individual ink cartridges are ideal for high-volume printing efficiency.

Precise color management

Get consistent, accurate color every time you print thanks to HP densitometric closed loop color calibration. The HP Color Center tool effortlessly guides you through color management and printing. Print photos and images with the balance, tones, and colors that match your subject, or expand your creativity with the contrasts, textures, and effects that match your artistic imagination.

Working and printing from Adobe Photoshop® is faster, easier, and more predictable than ever with the included HP Pro Print Plug-in for Adobe Photoshop. Add even more professional color management capabilities and 16-bit data transfer with the optional HP raster image processor (RIP).

Impressive performance on paper, canvas, and more

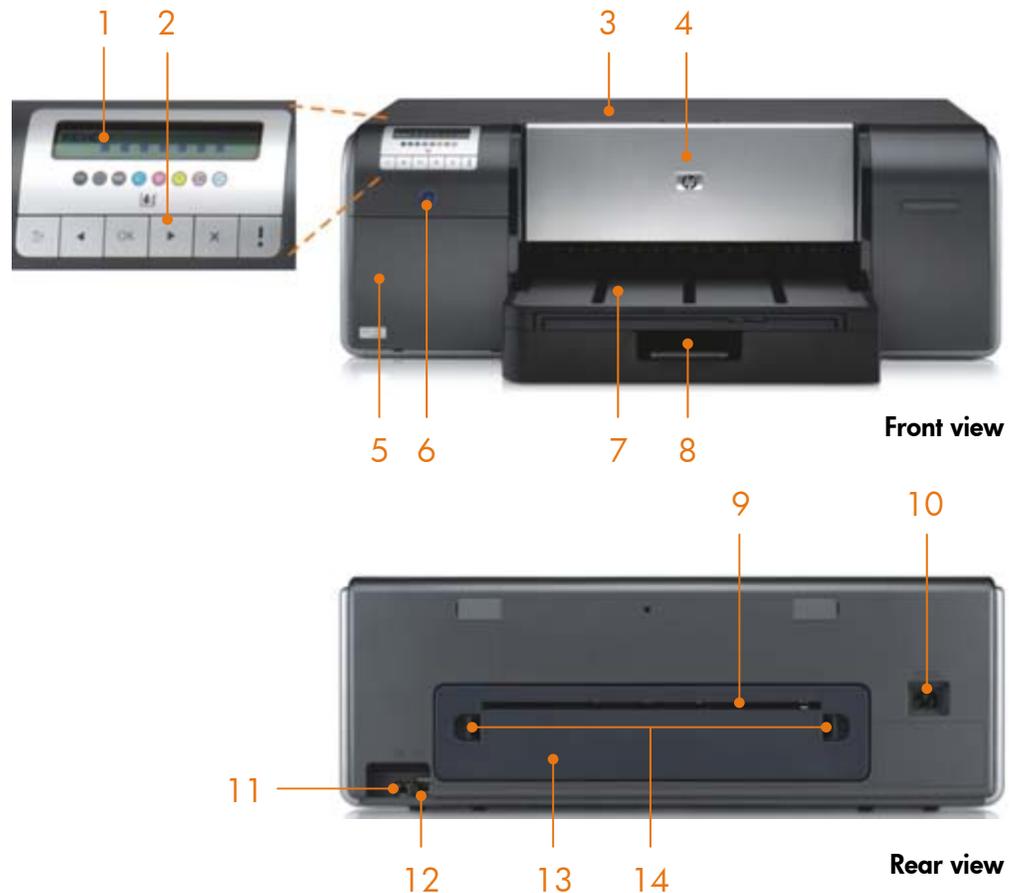
Print on a variety of photo and art media up to 1.5 mm—including stiff pre-matted paper or canvas—to create frameable works of art. The printer supports a range of sizes with or without borders, from wallet size to 13 by 19 inches and panoramas. Use the front bypass tray to conveniently print multiple size photos.

Save valuable time as the printer's wide printhead provides exceptionally fast print speeds.

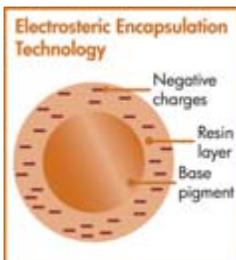
¹ Fade results based on display permanence testing under glass by Wilhelm Imaging Research using HP Advanced Photo Paper and HP Photo and Proofing Paper; testing of HP Hahnemühle Smooth Fine Art Paper and HP Hahnemühle Watercolor Paper indicate more than 230 years. Preliminary results, to be updated as test progresses—see wilhelm-research.com. Waterproof performance with HP Advanced Photo Paper; water-resistant with other HP-recommended papers.

Printer walkaround

- 1 LCD 2-line text display with eight ink level indicators
- 2 Five control panel buttons and attention light
- 3 Top door for access to printheads
- 4 Single-sheet specialty media tray (closed) for HP fine art papers and rigid media up to 1.5 mm
- 5 Ink cartridge door
- 6 Power button
- 7 50-sheet output tray
- 8 200-sheet input tray
- 9 Rear paper slot
- 10 Power cord connection
- 11 USB port
- 12 Ethernet port
- 13 Rear access door
- 14 Rear door releases



Key technologies



vivera
HP INKS

HP Vivera pigment inks offer outstanding image quality and fade resistance on a wide variety of photo and fine art media, along with water resistance on a range of HP creative and specialty media. HP's proprietary Electrosteric Encapsulation Technology optimizes the pigment chemistry and ink properties for stability and performance to ensure brilliant colors, outstanding print permanence, and excellent gloss uniformity, for reliable, accurate, and consistent printing.



Ink drop voltage indicates nozzle condition

HP's New Electrostatic Drop Detection (NEDD) printhead management system closely monitors all 8,448 print nozzles to minimize cleaning cycles and keep your printer in top working condition. When necessary, these cycles clean only the individual nozzles that require it, in order to minimize ink waste. The result is consistently beautiful and economical gallery-quality pigment prints.



HP's 8-ink printing system includes four HP 70 Printheads, each printing two colors of ink with 1,056 nozzles per color. The system features HP Vivera pigment inks in five colors and three blacks. (No black ink swapping or feed line sharing.) These inks deliver an exceptionally broad color gamut for photographic and graphics art applications, superb neutral tones, and deep blacks on matte, glossy, semi-gloss, and fine art papers.



The product's built-in densitometer automatically calibrates printer color with a factory calibrated sensor. The 4-color LED sensor measures color density and automatically adjusts the printer. You can easily calibrate the printer via the front panel or using the print driver software. This feature allows you to confidently create prints that accurately reflect your monitor and your vision.

Create exquisite exhibition prints, portfolios, and digital albums.

The HP Photosmart Pro B9180 Photo Printer has ushered in a new era of fine-art and commercial pigment printing for the working photographer and graphic artist.

The Pro B9180 was developed to be a dependable desktop photographic printer that is capable of producing salable fine art prints. When you're ready to create that perfect 11 by 14 inch print, the printer will accurately reflect your vision and provide an image of exceptional beauty, depth, and unequalled archival life.

At HP, the solution to fine art printing is in the system. HP Vivera archival pigment inks, a full lineup of today's most demanded fine art papers, and cutting-edge printer technologies all combine to provide a printing system unrivaled in the industry.

«Black is dark. Gray is neutral. Gradation in shadow and highlight are great. Consistency from print to print and printer to printer is impressive.»

—Michael Frye (Ansel Adams Gallery)

«This product is right in the sweet spot for our readers.»

—Russell Hart, *American Photo*

«This is an exciting printer and a real milestone. Photography is about dreams and you're making dreams reality. Job well done.»

—Neil Snape (commercial photographer)



The Pro B9180 has been widely recognized for its excellence, winning numerous awards including the MacWorld Eddy Award 2006.

Get the most out of your printer with HP supplies and plug-ins.

Your work will shine with HP papers. HP Advanced Photo Glossy and HP Advanced Photo Satin exhibit extreme waterfastness and rapid drying times.



Our digital fine art papers are among the best offered by the Hahnemühle and Aquarella paper mills. All have been tested with HP Vivera pigment inks to deliver consistent, museum-quality prints that withstand the demands of handling, display, and storage expected of professional prints.

If you have Adobe Photoshop on your computer, you have the option of installing the HP Pro Print Plug-in for Adobe Photoshop during product installation. With this free plug-in, HP has made all of Photoshop's "print with preview" functions available from a single screen. In addition, changes you make in print selections immediately show up on the image preview.

Replacement ink cartridges

HP 38 Matte Black Pigment Ink Cartridge, 27 ml	C9412A
HP 38 Photo Black Pigment Ink Cartridge, 27 ml	C9413A
HP 38 Light Gray Pigment Ink Cartridge, 27 ml	C9414A
HP 38 Cyan Pigment Ink Cartridge, 27 ml	C9415A
HP 38 Magenta Pigment Ink Cartridge, 27 ml	C9416A
HP 38 Yellow Pigment Ink Cartridge, 27 ml	C9417A
HP 38 Light Cyan Pigment Ink Cartridge, 27 ml	C9418A
HP 38 Light Magenta Pigment Ink Cartridge, 27 ml	C9419A

Replacement printheads

HP 70 Photo Black/Light gray	C9407A
HP 70 Matte Black/Cyan	C9404A
HP 70 Magenta/Yellow	C9406A
HP 70 Light Cyan/Light Magenta	C9405A

Accessories

HP USB cable	Q6264A
EFI Designer Edition 5.1 RIP	Q6641D

HP photo papers

HP Advanced Photo Paper, glossy-100 sheet/4 by 6 in with tab	Q6638A
HP Advanced Photo Paper, glossy-60 sheet/5 by 7 in	Q8690A
HP Advanced Photo Paper, soft gloss-50 sheet/8 by 11 in	Q5458A
HP Advanced Photo Paper, glossy-50 sheet/8 by 11 in	Q7853A
HP Advanced Photo Paper, glossy-25 sheet/13 by 19 in	Q5461A
HP Advanced Photo Paper, satin matte-25 sheet/13 by 19 in	Q5462A
HP Professional Satin Photo Paper, 25 sheet/13 by 19 in	Q8839A

HP digital fine art papers

HP Hahnemühle Smooth Fine Art Paper-25 sheet/13 by 19 in	Q8728A
HP Hahnemühle Watercolor Paper-25 sheet/13 by 19 in	Q8729A
HP Aquarella Art Paper-25 sheet/13 by 19 in	Q8730A
HP Artist Matte Canvas-25 sheet/13 by 19 in	Q8731A

Service and support

HP 2-year Next Business Day Exchange Printing and Imaging High Level Service	UG606E
HP 3-year Next Business Day Exchange Printing and Imaging High Level Service	UG609E
HP 4-year Next Business Day Exchange Printing and Imaging High Level Service	UH610E

HP Photosmart Pro B9180 Photo Printer (Q5736A)

Technical specifications

Print technology	HP thermal inkjet
Print resolution (best)	Black and color: up to 4800 optimized dpi color (up to 4800 by 1200 dpi color when printing from a computer and 1200 input dpi)
Print speed²	Black (draft, letter): up to 28 ppm Color (draft, letter): up to 26 ppm 4 by 6 color photo (draft): as fast as 10 sec
Borderless printing	Supported (up to 13 by 19 in)
Recommended monthly volume	Up to 1,000 pages
Paper handling	
Input	200-sheet input tray, single-sheet specialty media tray Input capacity: up to 200 sheets; up to 50 envelopes; up to 60 cards; up to 60 sheets of photo paper
Output	Up to 50 sheets; up to 20 envelopes; up to 20 cards; up to 20 labels; up to 20 sheets of photo paper
Media types	Paper (photo, digital fine art (DFA) media, coated, inkjet, plain), labels, cards (index, greeting)
Media sizes standard (US)	Letter, legal, tabloid, executive, 3.5 by 5 in, 4 by 6 in (with or without tabs), 5 by 7 in, 8 by 10 in, 11 by 14 in, 11 by 17 in, Super B (13 by 19 in), envelopes
Custom media sizes	US: main tray: 3 by 5 to 13 by 19 in; specialty tray: 3 by 5 to 13 by 19 in (single sheet only) Metric: main tray: 89 by 127 to 330 by 482 mm; specialty tray: 100 by 150 to 330 by 482 mm (single sheet only)
Media weight	Main tray: 80 to 180 g/m ² ; specialty media tray: 80 to 800 g/m ² (1.5 mm thick)
Memory	64 MB
Display	LCD (2-line text)
Vertical alignment accuracy	+/- 0.002 in (+/- 0.05 mm)
Skew	+/- 0.006 in
Standard connectivity	Hi-Speed USB 2.0 port, Ethernet 802.3 10/100 Base-TX port
Operating systems (standard)	Microsoft® Windows® 2000, XP Home, XP Professional, x64 Edition (x64 only supports USB direct connect), Certified for Windows Vista®; Mac OS X v10.3, v10.4 and higher
Minimum system requirements	PC (minimum): Pentium® II 233 MHz or higher; 256 MB RAM; 200 MB free hard disk space; SVGA Monitor (800 by 600, 16-bit color); 4x CD-ROM drive; USB port and USB cable (not included); Internet Explorer 5.01 with SP2 and higher; networking features require a working Ethernet network PC (recommended): Pentium 4 processor or higher; 1 GB RAM; 450 MB free hard disk space; SVGA monitor (1024 by 768, 32-bit color); 4x CD-ROM drive; USB port and USB cable (not included); Internet Explorer 5.01 with SP2 and higher; Adobe Acrobat 5 and higher; Internet access; networking features require a working Ethernet network Macintosh: Mac OS X v10.3, v10.4 and higher, v10.2.8 (Web download only); PowerPC G3, G4, G5, or Intel Core Processor (recommended: Power MAC with 2 GHz G5 or Intel core processor); 256 MB RAM (recommended: 512 MB RAM); 500 MB free hard disk space; SVGA monitor (800 by 600, 16-bit color); recommended: SVGA monitor (1024 by 768, 32-bit color); 4x CD-ROM drive; QuickTime 7.03 and higher; HP Memories Disc Creator Software (requires CD-writer and 700 MB of additional hard disk space); Adobe Acrobat 5 and higher recommended; Internet access recommended; networking features require a working Ethernet network
Dimensions (w by d by h)	26.5 by 16.9 by 9.5 in (673.1 by 429 by 241.3 mm)
Weight	37.7 lb (17.1 kg)
What's in the box	HP Photosmart Pro B9180 Photo Printer, HP 38 Ink Cartridges (1 each photo black, matte black, light gray, cyan, magenta, yellow, light cyan, light magenta), HP Photosmart Premier and Essential software on CD, Quick Start booklet, User's Guide, Power cord
Warranty	One-year limited hardware warranty backed by HP Customer Care service and support; includes toll-free technical phone support

Environmental ranges

Temperature	Maximum: 41 to 104° F (5 to 40° C)
	Recommended: 59 to 90° F (15 to 32° C)
	Storage: -40 to 149° F (-40 to 65° C)
Relative humidity	Operating: 20 to 80 percent
	Storage: 5 to 90 percent

Acoustics

Power (active, printing at 2.2 ppm): 5.7 B(A)
Pressure (active, printing at 2.2 ppm): 43 dB(A)

Power type

Built-in universal power supply
Required input voltage³
100 to 240 VAC (±10 percent), 50/60 Hz (±5 Hz), 1 amp

Power consumption

Active: 35 watts maximum, Ready: 7.8 watts, Sleep: 7 watts, Off: 0.42 watts
ENERGY STAR® qualified models; see: www.hp.com/go/energystar

² Approximate figures dependent upon type and print mode. Exact speed will vary depending on the system configuration, software program, and document complexity.

³ Power 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.



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