

HP Photosmart Pro B9180 Photo Printer



Professional pigment-ink, A3+ photo printer with individual ink cartridges, precise colour accuracy and archivability. Superior colour management and controls for gallery-quality, instant-drying, durable photos on a wide range of media.

The Photosmart Pro B9180 Photo Printer is designed for professional photographers who need fast, durable printing up to A3+ on a variety of media types, plus the assurance of colour accuracy and consistent, print-to-print photo quality.

Gallery-quality, durable photos on a wide range of media using pigment inks.

Create professional photographs and fine art with archivable, pigment-based HP Viverna Inks. Exceptional durability – photos resist fading for more than 200 years¹. Get black-and-white photos with perfectly neutral grey tones and deep black shadow reproductions. HP's high-capacity individual ink cartridges are ideal for high-volume printing efficiency. Handle and frame photos immediately with instant-drying, fully waterproof prints on HP Advanced Photo Paper².

HP colour controls make it easy to get accurate and consistent prints – every time.

Get consistent, accurate colour with HP densitometric closed loop colour calibration and electrostatic drop detection printhead management system. Easy integration into existing workflow with HP ProPrint plug-in for Adobe Photoshop. HP Colour Centre tool guides you through colour management and printing – fully compatible with Adobe RGB, sRGB and ICC colour management. Get professional colour management with optional HP raster image processor (RIP).

Unrivalled performance and image quality on a wide variety of media – in any size up to A3+.

Unrivalled print speeds – up to A3+ in less than 1.5 minutes, 10 x 15 cm photos in as fast as 10 seconds. Print on a wide variety of photo & art media up to 1.5 mm thick – including a selection of HP fine art papers. Print photos on a range of sizes – from passport and panorama to A3+ (33 x 48 cm), with or without borders. Print via multiple-size input tray, by the front bypass tray or from the rear – with a straight paper path for rigid media.

¹ Based on HP Image Permanence Lab light-fade testing under glass on HP Advanced Photo Paper. Confirmation test in progress at Wilhelm Imaging Research. For more information visit www.hp.com/eur/faderesistance.

² Waterproof with HP Advanced Photo Paper, water-resistant with other HP-recommended papers. For details see www.hp.com/go/printpermanence

Technical specifications

Print technology	HP Thermal Inkjet			
Print Head Nozzles	1056 ink nozzles per colour, 24 kHz maximum firing frequency			
Print speed	Document type	Draft	Normal	Best
	Black text A4	Up to 28 ppm	Up to 4.5 ppm	Up to 2.5 ppm
	Mixed text/colour graphics A4	Up to 26 ppm	Up to 4 ppm	
	10 x 15 cm colour photo (photo paper)	As fast as 10 sec	As fast as 60 sec	As fast as 90 sec
	A3 colour photo (photo paper)	As fast as 90 sec	As fast as 270 sec	As fast as 400 sec
	Dependent upon type, print mode and approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.			
Print quality	Black: Up to 4800 x 1200 optimised dpi and 1200 x 1200 input dpi when printing from a computer in gray only in maximum-dpi-mode Colour: Up to 4800 optimised dpi colour (up to 4800 x 1200 dpi colour when printing from a computer and 1200 input dpi)			
Colour technology	Colorsmart /sRGB, Adobe RGB, ICM, Managed by application			
Operating systems compatibility	Windows® 2000, XP Home, XP Professional, x64 Edition (x64 Edition only supports USB direct connect); Mac OS X v10.2.8 (web download only), v10.3, v10.4 and higher			
Minimum system requirements	Windows®: Pentium® II 233 MHz (or equivalent) or higher (Pentium® 4 or higher recommended); 256 MB RAM (1 GB recommended); 200 MB free hard disk space (450 MB recommended); SVGA monitor 800 x 600, 16-bit colour (SVGA monitor 1024 x 768, 32-bit colour recommended); 4x CD-ROM drive; USB port and USB cable (not included); Microsoft® Windows® 2000, XP Home, XP Professional, x64 Edition (x64 Edition only supports USB direct connect); Internet Explorer 5.01 with SP2 and higher, Adobe® Acrobat® 5 and higher recommended; Internet access recommended; networking features require a working Ethernet or wireless 802.11b/g network (cable not included) Macintosh: Mac OS X v10.2.8 (web download only), v10.3, v10.4 and higher; PowerPC G3, G4, G5 or Intel® Core™ processor (Power Mac with 2 GHz or Intel® Core™ processor recommended), 256 MB RAM (512 MB recommended), 500 MB free hard disk space, USB port and USB cable (not included), SVGA monitor 800 x 600, 16-bit colour (SVGA monitor 1024 x 768, 32-bit colour recommended); 4x CD-ROM drive; QuickTime 7.03 or later, Adobe® Acrobat® 5 or higher recommended, Internet access recommended, networking features require a working Ethernet or wireless 802.11b/g network (cable not included)			
Memory	64 MB			
Printer languages	HP PCL 3 Enhanced			
Cartridge alignment	+/- 0.05 mm			
Duty cycle	Up to 1000 pages per month			
Recommended media weight	80 to 800 g/m ² (1,5 mm thickness)			
Recommended media	Photo paper (glossy, satin, matte, digital fine art media), plain paper, coated paper, brochure paper and film, transparencies, banners, iron-on transfer media			
Media sizes	Standard: Paper: A3 297 x 420 mm, A4 210 x 297 mm, B5 176 x 250 mm, envelopes: DL 220 x 110 mm, C6 114 x 162 mm, photo paper: A4 210 x 297 mm, 10 x 15 cm (with or without tear-off/cut-off tab), Custom: Main tray: 89 x 127 mm to 330 x 482 mm; Specialty Media Tray: 100 x 150 mm to 330 x 482 mm			
Media handling/input	Sheets: Up to 200, Envelopes: Up to 50 Cards: Up to 60			
Paper input tray	Standard: 2, optional: 1 plus single-sheet specialty media tray			
Media handling/output	Up to 50			
Duplex printing	None			
Power requirements	Input voltage: 100- to 240-VAC (+/- 10%), 50/60 Hz (+/- 5 Hz), 1 amp, Built-in Universal Power Supply			
Power consumption	35 watts maximum			
Interface and connectivity	Hi-Speed USB - compatible with USB 2.0 specifications, Ethernet 802.3 10/100 Base-TX			
Control panel	LCD (2-line text) with backlight, qualitative fill levels of cartridges, menu button, delete button, OK button, select buttons			
Software included	HP Photosmart Premier Software			
Dimensions (w x d x h)	Out of package: 673 x 429 x 241 mm, With two-sided printing module: 673.1 x 711 x 241.3 mm, packaged: 785 x 598 x 330 mm			
Weight	Out of package: 17.1 kg, packaged: 22.5 kg			
Operating environment	Environmental ranges: operating temperature: 5 to 40° C; Recommended operating temperature: 15 to 32° C; operating humidity: 20 to 80% RH; Recommended operating humidity: 20 to 80% RH; Storage temperature:-40 to 65° C; Storage humidity: 5 to 90% RH; noise level per iso 9296: sound power: lwad 5.7 B(A) (printing at 2.2 ppm)			
Energy star	Yes			
Supplies life	For information on cartridge page and photo yields, visit http://www.hp.com/go/pageyield			
Warranty	Standard one-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.			

Ordering information

Q5736A	HP Photosmart Pro B9180 Photo Printer, HP 38 Pigment Ink Cartridges with Vivera Inks (8 individual ink cartridges), HP 70 Printheads (x4), HP ProPrint plug-in for Adobe Photoshop®, HP Photosmart Premier Software on CD-ROM, quick start booklet, user's guide, power cord
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Accessories

Q6641D	Efi Designer 5.1 for HP M
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Supplies

C9412A	HP 38 Matte Black Pigment Ink Cartridge with Vivera Ink
C9413A	HP 38 Photo Black Pigment Ink Cartridge with Vivera Ink
C9414A	HP 38 Light Grey Pigment Ink Cartridge with Vivera Ink
C9415A	HP 38 Cyan Pigment Ink Cartridge with Vivera Ink
C9416A	HP 38 Magenta Pigment Ink Cartridge with Vivera Ink
C9417A	HP 38 Yellow Pigment Ink Cartridge with Vivera Ink
C9418A	HP 38 Light Cyan Pigment Ink Cartridge with Vivera Ink
C9419A	HP 38 Light Magenta Pigment Ink Cartridge with Vivera Ink

Media

Q5461A	HP Advanced Glossy Photo Paper 250 g/m ² -A3+/330 x 483 mm/25 sht
Q5462A	HP Advanced Satin-matt Photo Paper 250 g/m ² -A3+/330 x 483 mm/25 sht
Q8728A	HP Hahnemühle Smooth Fine Art Paper 265 g/m ² -A3+/330 x 483 mm/25 sht
Q8729A	HP Hahnemühle Watercolor Paper 210 g/m ² -A3+/330 x 483 mm/25 sht
Q8730A	HP Aquarella Art Paper 240 g/m ² -A3+/330 x 483 mm/25 sht
Q8731A	HP Artist Matte Canvas 380 g/m ² -A3+/330 x 483 mm/25 sht

Service & Support

U4798A/E HP Care Pack next business day on-site, 3 years; U4799PE HP Care Pack, post warranty next business day on-site, 1 year; HP 3110A/E Installation and Network Configuration

For a complete list of supplies and accessories, please refer to the HP website at <http://www.hp.com>

<http://www.hp.com/go/photosmart> <http://www.hp.com>

