

HP Photosmart Pro B8850 Photo Printer



Print professional-quality photos and fine art up to A3+. Get fade-resistant colour and stunning black-and-white with 8 high-capacity pigment ink cartridges. Built-in colour calibration ensures consistent reproduction, print after print.

The Photosmart Pro B8850 Photo Printer is designed for hobbyist and advanced amateur photographers who need fast, easy and consistent printing in a range of sizes up to A3+, with the ability to achieve professional-quality results in colour or black-and-white.

Print long-lasting, professional-quality photos with 8 individual HP Vivera pigment inks.

Express your creativity and get the most from your photos with 8 individual, pigment-based HP Vivera Inks. Get brilliant colour or stunning black-and-white with true neutral greys, and print photos that will resist fading for more than 200 years¹. Handle and frame photos immediately with instant-drying², highly water-resistant prints on HP Advanced Photo Paper. Enjoy easy colour control with HP Solution Centre tools – fully compatible with Adobe® RGB, sRGB and ICC profiles.

Get consistent colour reproduction, print after print, with built-in calibration.

Enjoy a superb printing experience and be sure of predictable colour with this HP photo product. Get consistent colour reproduction, print after print, with built-in colour calibration. Be confident of optimum print quality and ink efficiency with the self-monitoring and cleaning via the electrostatic drop detection printhead management system. Print on a variety of plain, photo and fine art media up to 0.7 mm, with single-sheet front feed for straight-through paper path.

Enjoy easy colour management and full Adobe® Photoshop® compatibility.

Be sure of easy installation and integration with your existing processes with interactive set-up wizard. Print directly from Adobe® Photoshop® CS3 via one easy-to-navigate screen for easy, predictable colour management. Install the HP Photosmart ProPrint plug-in for automatic synchronisation with Adobe® Photoshop® CS2 and a single user interface. Easily add and manage custom papers and install new or external ICC profiles using HP Solution Centre.

¹ Display permanence rating by Wilhelm Imaging Research, Inc or HP Image Permanence Lab using selected HP Vivera pigment inks. For details visit www.hp.com/go/printpermanence

² Using HP Advanced Photo Paper (not included, please purchase separately).

Technical specifications

Print technology	HP Thermal Inkjet				
Print Head Nozzles	1056 black ink nozzles, 1056 colour ink nozzles per colour				
Print speed	Document type Black text A4 Mixed text/colour graphics A4 10 x 15 cm colour photo (photo paper) A3 colour photo (photo paper)	Draft Up to 28 ppm Up to 26 ppm As fast as 10 sec As fast as 90 sec (A3+)	Fast normal	Normal Up to 4.5 ppm Up to 4 ppm	Best Up to 2.5 ppm As fast as 96 sec As fast as 425 sec (A3+)
	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 optimised dpi black and up to 4800 x 1200 dpi colour when printing from a computer and 1200 input dpi Colour: Up to 4800 x 1200 optimised dpi when printing from a computer and 1200 input dpi				
Operating systems compatibility	Microsoft® Windows® XP Home, XP Professional, XP Media Center Edition, Certified for Windows Vista® ; Mac OS 10.3.9 or higher				
Minimum system requirements	Windows®: Microsoft® Windows® XP Home, XP Professional, XP Media Center Edition: 512 MB RAM, 1 GHz or higher; Microsoft® Windows® XP Professional x64 Edition, 1 GB RAM, 1 GHz or higher; Windows Vista™ Home: 512 MB RAM, 1 GHz or higher; Windows Vista® (all others) 1 GB RAM, 1 GHz or higher; CD-ROM or DVD-ROM drive; available USB port and USB cable; SVGA 800 x 600 monitor with 16 bit colour; Microsoft® Internet Explorer 5.01 SP2 or higher; 400 MB available hard disk space; Macintosh: Mac OS 10.3.9 or higher; G4, G5, or Intel® Core; 512 MB RAM; 150 MB available hard disk space; USB port				
Memory	64 MB				
Printer languages	HP PCL 3 GUI				
Cartridge alignment	+/- 0.05 mm				
Duty cycle	Up to 1000 pages per month				
Recommended media weight	Main tray: 80 to 250 g/m²; single sheet feed: 80 to 300 g/m² (up to 0.7 mm thick)				
Recommended media	Photo paper, plain paper, digital fine art media, brochure paper				
Media sizes	Standard: A3+ (330 x 483 mm), A3 (297 x 420 mm), A4 (210 x 297 mm) including panorama, A5 (148 x 210 mm), A6 (105 x 148 mm), B4 (250 x 353 mm), B5 (176 x 250 mm), B6 (125 x 178 mm), C6 envelope (114 x 162 mm), DL envelope (110 x 220 mm), 100 x 150 mm (with or without tab), 130 x 180 mm, Custom: Main Tray: 89 x 127 mm to 330 x 482 mm; single sheet feed: 100 x 150 mm to 330 x 483 mm				
Paper handling	200-sheet input tray, single sheet feed, 50-sheet output tray				
Media handling/input	Sheets: Up to 200, Envelopes: Up to 50 Cards: Up to 60, Labels/A4 sheets: Up to 50				
Paper input tray	Standard: 2				
Media handling/output	Up to 50				
Duplex printing	None (not supported)				
Power requirements	Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 5 Hz), 1 amp , External				
Power consumption	35 watts maximum, 7.8 watts maximum (ready), 0.42 watts maximum (off)				
Interface and connectivity	Hi-Speed USB - compatible with USB 2.0 specification				
Control panel	4 front-panel buttons (Power, Cancel, Paper Feed, Toolbox) 8 Low-ink indicator LEDs , 1 print head servicing LED				
Software included	HP Photosmart Essential Software for Microsoft® Windows® and Macintosh				
Dimensions (w x d x h)	Out of package: 673.1 x 429 x 241.3 mm , Maximum: 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: lward 5.7 B(A) (printing at 2.2 ppm)				
Energy star	Yes				
Supplies life	For information on page yield, visit www.hp.com/go/learnaboutsupplies				
Warranty	Standard one-year limited hardware warranty. Warranty and support options vary by product, country and local legal requirements.				

Ordering information

Q7161A	HP Photosmart Pro B8850 Photo Printer, HP 38 Pigment Ink Cartridges with Vivera Inks (8 individual ink cartridges), HP 70 Printheads (x4), HP Photosmart ProPrint plug-in for Adobe® Photoshop®, HP Photosmart Essential Software on CD-ROM, quick start booklet, user's guide, power cord
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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/m²-A3+/330 x 483 mm/25 sht
Q8839A	HP Professional Satin Photo Paper 300 g/m²-A3+/330 x 483mm/25 sht
Q8728A	HP Hahnemühle Smooth Fine Art Paper 265 g/m²-A3+/330 x 483 mm/25 sht
Q8731A	HP Artist Matte Canvas 380 g/m²-A3+/330 x 483 mm/25 sht
Q8696A	HP Advanced Glossy Photo Paper 250 g/m²-13 x 18 cm borderless/25 sht

Service & Support

UG067E Next Business Day Exchange Service 3 years
UG191E Standard Exchange Service (7 days) 3 years
UG240E Return to Depot Service 3 years
 Not all 3 HP Care Pack Services are available in all countries in Europe, Middle East and Africa. Please contact your local HP dealer which HP Care Pack Services is available in your country.

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

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



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