



Outstanding photo and fine-art printing for the serious photographer.

Ink cartridges: 8-high capacity pigmented inks

Fade resistance: 200+ years¹

Paper handling: 200-sheet input tray, single sheet specialty media tray

Media sizes: 3.5 x 5 to 13 x 19 in,

Connectivity: Hi-Speed USB 2.0



The professional-quality your art demands

- Create lifelike portraits and stunning photos using 8 high-capacity, HP Vivera pigment inks
- Print stunning black-and-white photos with true neutral grays and deep blacks for contrast and depth
- Exceptional fade-resistance – photos under glass last for 200+ years using HP Advanced Photo paper¹
- Instant-dry photos are ready to handle immediately and resist water, smudges and humidity

Consistent color—print after print

- Color calibration feature adjusts print settings to deliver reliable, predictable color
- Keep your printer in top working condition and reduce wasted ink with efficient self-cleaning system
- HP color management tools fully support Adobe RGB, sRGB, and ICC profiles for greater color control
- Get precise color, image uniformity and detail from HP inks, media and technology working together

Easily take your photos from capture to print

- Outstanding speed—13 x 19 photos in as fast as 90 seconds, 4 x 6 in as fast as 10 seconds²
- Fully compatible with Adobe® Photoshop CS3 for easy, predictable color management and printing
- HP ProPrint plug-in for Adobe Photoshop® CS2 streamlines print workflow with a single user interface
- One-button access to color management tools with HP Solution Center

Explore your creativity

- Print your size, your way—from 3.5 x 5 to 13 x 19, with or without borders, on a full range of media
- Choose plain paper, photo or digital fine-art media up to 0.7mm, in matte and glossy finishes
- Get crisp, clear, laser-quality text for professional documents and marketing materials
- Print on a variety of media sizes and weights using specialty media tray with straight paper path

¹Based on preliminary display-permanence testing under glass by Wilhelm Imaging Research using HP Advanced Photo Paper and HP Photo and Proofing Paper; similar display permanence with additional HP-recommended papers. For details, see <http://www.hp.com/go/printpermanence>.

²After first page. See www.hp.com/go/inkjetprinter for details

Technical specifications

Print technology	HP Thermal Inkjet
High-level printer functions	Color printing, black-and-white printing
HP Real Life Technologies features	HP Adaptive Lighting, HP Auto Red-eye Removal
Print speed¹	Black (Draft, Letter): Up to 28 ppm, Color (Draft, Letter): Up to 26 ppm, Print speed color (draft, 13x19 photo): As fast as 90 sec, Print speed color (best, 13x19 photo): As fast as 390 sec, Print speed color full page (draft, letter): As fast as 30 sec, Print speed color (normal, 4x6 photo): As fast as 55 sec, Print speed color (4x6 Photo): As fast as 90 sec
Print resolution	Black (best): Up to 4800 optimized dpi color (up to 4800 x 1200 dpi color when printing from a computer and 1200 input dpi), Color (best): Up to 4800 optimized dpi color (up to 4800 x 1200 dpi color when printing from a computer and 1200 input dpi); Photograph: Up to 4800 optimized dpi color (up to 4800 x 1200 dpi color when printing from a computer and 1200 input dpi)
Print languages standard	HP PCL 3 GUI
Borderless printing supported	Yes (up to 13 x 19 in)
Connectivity	Standard: 1 Hi-Speed USB 2.0, Wireless capability: No; Network ready: None
Duty cycle (monthly, letter)	Up to 1000 pages
Media sizes supported (tray 1)	Letter, legal, tabloid, executive, 3.5 x 5 in, 4 x 6 in (with or without tabs), 5 x 7 in, 8 x 10 in, 11 x 14 in, 11 x 17 in, Super B (13 x 19 in), envelopes; Custom media sizes: Main Tray: 3 x 5 to 13 x 19 in; Specialty Tray: 3 x 5 to 13 x 19 (single sheet only)
Media types	Paper (photo, Digital Fine Art media (DFA), coated, inkjet, plain), labels, cards (index, greeting)
Media recommended	Photo paper (glossy, satin, matte, digital fine art media), plain paper, coated paper, brochure paper, iron-on transfer media
Media sizes supported (imperial)	Letter, legal, tabloid, executive, 3.5 x 5 in, 4 x 6 in (with or without tabs), 5 x 7 in, 8 x 10 in, 11 x 14 in, 11 x 17 in, Super B (13 x 19 in), envelopes
Media weight	Supported: Main tray: 80 to 250 g/m ² ; specialty media tray: 80 to 380 g/m ² (0.7 mm thick); Recommended: 80 to 250 g/m ²
Media thickness (by paper path)	Main tray: up to 15 mil; specialty media tray: up to 27.6 mil
Paper handling	Standard paper handling: 200-sheet input tray, single sheet specialty media tray, 50 sheet output tray; Duplex print options: None (not supported) Input capacity: Up to 200 sheets; Output capacity: Up to 50 sheets; Input: Up to 200 sheets Letter/Legal, Up to 60 cards, Up to 50 sheets labels, Up to 60 sheets photo paper, Up to 60 sheets 4 x 6 photos, Up to 50 envelopes; Output capacity: Up to 50 sheets Letter/Legal, Up to 20 sheets photo paper, Up to 20 sheets labels, Up to 20 cards, Up to 20 envelopes
Print length maximum (imperial)	19 in
Skew/Alignment	Skew: +/- 0.006 in; Vertical alignment accuracy: +/- 0.05 mm
Memory	Maximum: 64 MB
Control panel	4 buttons (Power, Cancel, Paper Feed, Toolbox) 8 Low Ink indicator LEDs, 1 Print Head servicing LED
Fade-resistance (archivability, dye ink)	200 years
Print cartridges	8 (1 each matte black, photo black, light gray, cyan, magenta, yellow, light cyan, light magenta)
Print cartridge colors	Matte black, photo black, light gray, light cyan, cyan, light magenta, magenta, yellow
Ink types	Pigment-based
Print heads	4 (1 each photo black/light gray, matte black/cyan, yellow/magenta, light magenta/light cyan)
Operating system (compatible)	Windows XP Home; Windows XP Professional; Windows XP Media Center; Certified for Windows Vista(TM)

Minimum system requirements	PC: CD-ROM or DVD-ROM drive; Available USB port and USB cable; SVGA 800 x 600 monitor with 16 bit color; Microsoft Internet Explorer 5.01 SP2 or higher; 400 MB available hard disk space; Windows XP Home, Windows XP Professional, Windows XP Media Center Edition, 512 MB RAM, 1 Ghz or higher; Windows XP Professional x64 Edition, 1 GB RAM, 1 Ghz or higher; Vista Home 512 MB RAM, 1 Ghz or higher; Vista (all others) 1 GB RAM, 1 Ghz or higher; Mac: Mac OS 10.3.9 or higher; G4, G5, or Intel Core; 512 MB RAM; 150 MB available hard disk space; USB port
Acoustics	Acoustic power emissions (active, printing): 5.7 B(A) (printing at 2.2 ppm); Acoustic pressure emissions (active): 43 dB(A) (printing at 2.2 ppm)
Environmental	Recommended operating temperature: 59 to 90 ° F (15 to 32° C), Storage range: -40 to 149° F, Maximum operating temperature: 41 to 104° F (5 to 40° C), Humidity recommended operating range: 20 to 80% RH, Operating humidity: 20 to 80% RH
Power	Power supply type: external, Power supply required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 5 Hz), 1 amp, Power consumption: 7.8 watts ready, 35 watts maximum, 0.42 watts off
Product dimensions/weight	w x d x h: 26.5 x 16.9 x 9.5 in (785 x 598 x 330 mm) maximum: 26.5 x 28 x 9.5 in (673.1 x 711 x 241.3 mm) ; Weight: 37.7 lb
What is in the box	HP Photosmart Pro B8850 Printer, HP 38 Ink Cartridges (1 each photo black, matte black, gray, cyan, magenta, yellow, light cyan, light magenta), HP 70 printheads (1 each magenta/yellow, light magenta/light cyan, matte black/cyan, photo black/light gray) HP Photosmart Software on CD, Quick Start poster, User's Guide, power supply, power cord
Warranty features	One-year limited hardware warranty backed by HP Customer Care, service and support; one-year technical phone support; plus a toll-free number
Service and Support	HP 2-year Next Business Day Exchange H Service , UG606E HP 3-year Next Business Day Exchange H Service , UG609E HP 4-year Next Business Day Exchange H Service , UG610E
HP Replacement Ink Cartridges³	HP 38 Matte Black Pigment Ink Cartridge, C9412A (~3000 4 x 6-in photos) HP 38 Photo Black Pigment Ink Cartridge, C9413A (~1400 4 x 6-in photos) HP 38 Magenta Pigment Ink Cartridge, C9416A (~4400 4 x 6-in photos) HP 38 Cyan Pigment Ink Cartridge, C9415A (~4500 4 x 6-in photos) HP 38 Yellow Pigment Ink Cartridge, C9417A (~840 4 x 6-in photos) HP 38 Light Cyan Pigment Ink Cartridge, C9418A (~1200 4 x 6-in photos) HP 38 Light Magenta Pigment Ink Cartridge, C9419A (~550 4 x 6-in photos) HP 38 Light Gray Pigment Ink Cartridge, C9414A (~320 4 x 6-in photos) HP 70 Matte Black and Cyan Printhead, C9404A HP 70 Magenta and Yellow Printhead, C9406A HP 70 Photo Black and Light Gray Printhead, C9407A HP 70 Light Magenta and Light Cyan Printhead, C9405A
Accessories/Media	Accessories HP USB cable, Q6264A HP photo papers HP Advanced Glossy Photo Paper-25 sht/13 x 19 in, Q5461A HP Advanced Photo Paper, satin-matte-25 sht/13 x 19 in, Q5462A HP Professional Satin Photo Paper, 25 sht/13 x 19 in, Q8839A HP digital fine art papers HP Hahnemühle Smooth Fine Art Paper-25 sht/13 x 19 in, Q8728A HP Hahnemühle Watercolor Paper-25 sht/13 x 19 in, Q8729A HP Aquarella Art Paper-25 sht/13 x 19 in, Q8730A HP Artist Matte Canvas-25 sht/13 x 19 in, Q8731A

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



HP Product
HP Photosmart Pro B8850 Photo Printer

Part Number
Q7161A

ENERGY STAR® qualified models; see: <http://www.hp.com/go/energystar>

¹After first page; see <http://www.hp.com/go/inkjetprinter> for details.²Power 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.³Yield varies considerably based on content of printed pages and other factors. See: www.hp.com/go/learnaboutsupplies

