HP Officejet Pro K850 series color printer

K850 • K850dn

+hp

Look big without a big budget—print wide-format marketing collateral in-house for less and enjoy the speed, networking, and versatility to meet your business needs.

In-house printing for less

- **Save time and money with in-house printing.** With features like four, high-capacity individual ink cartridges and low cost-per-page (CPP) business printing, the printer makes outsourcing obsolete. Produce documents and marketing material for as little as 2.2¢ black and 8.4¢ color.[1]

- **Take advantage of fast print speeds.** Complete everything from everyday correspondence to complex color documents with fast print speeds of up to 24 pages per minute (ppm) black and up to 21 ppm color. (Get Laser Quality Speeds of up to 7 ppm black and up to 6 ppm color.[2])

- **Work at peak efficiency.** Save time and reduce your paper use by as much as 50 percent by adding the optional automatic two-sided printing accessory.[3] This valuable addition, along with HP's easy-to-use booklet printing feature, makes creating multi-page, two-sided brochures and booklets a snap.

More versatility and control

- **Create professional documents with high-impact text and graphics.** Print documents, reports, and letters in laser-quality black text and produce professional-quality color photos and graphics at up to 4800-optimized dpi.[4]

- **Increase your options with HP technology.** Quickly reduce or enlarge business documents from 25 to 400 percent with HP document-scaling. Or use the tiling feature to enlarge and display one-page documents up to 25 times their original size.

- **Enjoy flexible paper handling.** Print everyday documents using the standard paper tray. For wide-format projects, use the convenient rear feed, which supports paper weights from 16 to 76 lb (60 to 286 g/m^2). Now you can develop a variety of projects, from postcards to spreadsheets to architectural drawings.

- **Effortlessly control printing.** The easy-to-read front-panel display is designed to be intuitive. It's simple to understand, monitor individual ink levels and cancel print jobs—all from the comfort of your desk.

HP reliability with easy sharing

- **Boost productivity with optional networking.** Built-in Ethernet connectivity lets you share your HP printer with as many as five workstations.[3] Plug your printer into the Ethernet port of an optional external wireless router for wireless printing convenience.

- **Easily maintain and monitor your printer.** Configure and manage your printer more efficiently with HP Remote Management software. Perform remote maintenance, job tracking, and accounting, and enjoy easy, automated ordering of HP printing supplies with HP SureSupply.

- **Count on HP compatibility.** The printer works seamlessly with Windows®, Macintosh, and Linux® operating systems.

HP printing and imaging systems help you create powerful, professional communications easily. Printers, supplies, accessories, and services are designed together to work together and are invented to meet your business needs.

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[1] Black CPP based on HP 10 Black Ink Cartridge, 69 ml, and color CPP based on HP 11 Cyan/Magenta/Yellow Ink Cartridge, 28 ml.
[2] Laser-quality speed based on default mode printing speed.
[3] Built-in networking and automatic two-sided printing are included standard with the HP Officejet Pro K850dn color printer.
[4] Up to 4800 by 1200-optimized dpi color and 1200-input dpi.

HP Officejet Pro K850 series color printer

1 User-friendly control panel enables easy printer interaction

2 Ink cartridge cover provides quick access to four individual ink cartridges

3 10-sheet manual feed slot for specialty papers and heavy media up to 76 lb (286 g/m^2)

4 100-sheet output tray supports sizes up to 13 by 19 inches

5 150-sheet input tray supports sizes up to 13 by 19 inches

6 Automatic two-sided printing accessory produces professional, duplexed documents[5]

7 Built-in Ethernet connectivity enables easy networking[5]

8 USB and parallel ports provide effortless direct connections

9 Straight-through paper path for specialty papers and heavy media up to 76 lb (286 g/m^2)—the straight-through paper path is available only when the automatic two-sided printing accessory is not attached

HP Officejet Pro K850dn color printer shown

Series at a glance

HP Officejet Pro K850 color printer (C8177A)

Base model:
- 150-sheet multipurpose input tray and 100-sheet output tray handle paper up to 13 by 19 inches
- Rear feed provides straight-through media path for specialty papers and heavy media up to 13 by 19 inches

HP Officejet Pro K850dn color printer (C8178A)

Base model plus:
- Automatic two-sided printing accessory handles paper up to 13 by 19 inches
- Built-in Ethernet connectivity enables easy networking

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[5] Built-in networking and automatic two-sided printing are included standard with the HP Officejet Pro K850dn color printer.

Enjoy the creativity and control of printing your collateral in-house, with the speed, quality, and versatility of this easy-to-use, low-cost color printer.

Do it yourself and save

Slash costs and eliminate outsourcing by printing even wide-format documents in-house. From postcard to poster sizes, the versatile printer handles all your business projects.

Save big over your local print shop![6]

The following table shows how much you can save with the HP Officejet Pro K850 series color printer:

	Officejet Pro K850		Quick-print shop		
Color print jobs	Cost per page	Total	Cost per page	Total	**SAVINGS**
250 pages at 10% coverage	$0.05	$12.89	$0.64	$160.00	**91%**
250 pages at 20% coverage	$0.09	$23.28	$0.64	$160.00	**85%**
250 pages at 60% coverage	$0.26	$64.86	$0.64	$160.00	**59%**

Intuitive software features

The printer software gives you the right tools to print the documents you need:

- Resizing options let you scale print jobs from 25 to 400 percent with virtually no loss in print quality or resolution.
- Enlarge a one-page document up to 25 times on several printed sheets with the tiling feature. Assemble the sheets to form a huge, high-impact poster.
- Arrange up to 16 pages on a single sheet of paper to check layout and cut printing costs.
- Produce high-quality multi-page brochures and booklets. Booklet printing activates the optional automatic two-sided printing accessory,[7] as well as reduce-to-fit, automatic pagination, and automatic collation capabilities.
- HP Advanced Paper features patented color-locking technology for collateral with deeper blacks, vivid colors, and smear-resistant printing.

Best of all, the user-friendly, powerful HP software saves you time and money—no extra training or additional software purchases are required.

10% coverage

20% coverage

60% coverage

Poster 3x3 (9 sheets)

Brochures and booklets

A lot more for a lot less

Easy sharing—This printer is designed for sharing. The built-in networking solution[7] supports small work teams of up to five users.

Two ink cartridge sizes—Choose the cartridge size that best meets your printing volume:

- HP 10 Black Ink Cartridge, 69 ml, and HP 11 Cyan, Magenta, and Yellow Ink Cartridges, 28 ml, for lowest cost-per-page, higher page yield, and lower intervention.
- HP 13 Black Ink Cartridge, 28 ml, and HP 13 Cyan, Magenta, and Yellow Ink Cartridges, 14 ml, for low cost-per-page and lower purchase price.

Efficient management—The remote management software included with the printer simplifies printer configuration and lets you easily manage a networked printer from a standard Web browser. In addition, the software includes features to help you monitor, track, and maintain your printer:

- **Job accounting** allows administrators to track and monitor each users' usage (for example, the type and number of pages printed and black and color ink usage). This information can be used by administrators to plan printer deployment, workload, and the purchase of supplies.
- **Pages remaining** lets you see the estimated number of pages that can be printed with the remaining ink for full color, business color, or black text documents. You can also determine if the ink levels are sufficient to print your jobs.
- **Maintenance** helps you perform troubleshooting and maintenance tasks, such as testing the printer's media paths, aligning printheads, and cleaning printheads.

HP reliability—PC Magazine has rated HP service and reliability A/A+ for 13 consecutive years. The HP Officejet Pro K850 series color printer is backed by a one-year warranty, phone support from HP Customer Care, and upgradeable support and service options.

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[6] For more information, please go to www.hp.com/sbso/productivity/color/print_cost_calc.html

[7] Built-in networking and automatic two-sided printing are included standard with the HP Officejet Pro K850dn color printer.

HP Officejet Pro K850 series color printer

Technical specifications	HP Officejet Pro K850 color printer (C8177A)	HP Officejet Pro K850dn color printer (C8178A)
Print speed (letter)[8]		
Black	Draft: up to 24 ppm; laser quality: 7 ppm; Best: up to 4 ppm	
Color	Draft: up to 21 ppm; laser quality: 6 ppm; Best: up to 3.7 ppm	
4 by 6 in photo	As fast as 65 seconds	
Resolution	HP PhotoREt III enhanced color-layering technology or up to 4800 by 1200-optimized dpi color printing on premium photo papers, 1200 by 1200-input dpi	
Processor	256 MHz	
Memory	32 MB RAM	
Duty cycle	Up to 6,250 pages per month	
Media		
Input	150-sheet tray; 10-sheet front manual feed slot; rear-feed, single-sheet paper path for specialty paper	
Output	100 sheets	
Duplexing	Optional automatic two-sided printing accessory	Automatic two-sided printing accessory
Custom sizes	Width: 3 to 13 in (76 to 330 mm); length: 5 to 100 in (127 to 2540 mm)	
Standard sizes	Letter, legal, tabloid, Super B, executive, statement, index cards, No. 10 envelopes, Monarch envelopes	
Weights	Includes plain and photo media: 150-sheet tray: 16 to 76 lb (60 to 286 g/m^2); rear feed: 16 to 76 lb (60 to 286 g/m^2)	
Types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards (index, greeting)	
Connectivity		
Interfaces	USB 2.0 full speed port, IEEE 1284-compliant parallel port	USB 2.0 full speed port, IEEE 1284-compliant parallel port, built-in Ethernet connectivity
Printer language	HP PCL 3 GUI	
Fonts	8 built-in fonts, 4 each in portrait and landscape orientations; CG Times, CG Times Italic, Univers, Univers Italic, Courier, Courier Italic, Letter Gothic, Letter Gothic Italic; international fonts: Arabic, Baltic, Cyrillic, Greek, Hebrew	
Operating systems	Microsoft® Windows 98, Me, NT® 4.0, 2000, XP; Mac OS X (v10.2.x, v10.3.x, v10.4.x); Red Hat Linux 9.0 and higher; SuSE Linux 8.1 and higher; Debian 3.0 and higher; Slackware 8.1 and higher; Lindows 1.3 and higher	
Network protocols		TCP/IP, SLP, DHCP, SNMP, HTTP[9]
Minimum system requirements	Pentium® 90 MHz, 16 MB, 90 MB hard disk space, 640 by 480 resolution, 256 colors; Mac OS X version 10.2, 10.3 or 10.4; 333 MHz iMac, 128 MB RAM, 100 MB available disk space; 350 MHz Power Mac, 128 MB RAM, 100 MB available disk space; 640 by 480, 256-color display, CD-ROM drive	
Dimensions (w by d by h)	24 by 17 by 8 in (610 by 434.3 by 205 mm)	24 by 20.66 by 8 in (610 by 524.8 by 205 mm)
Weight	27.1 lb (12.3 kg)	31.5 lb (14.3 kg)
What's in the box	Printer, setup roadmap, HP 13 Black Ink Cartridge (28 ml), HP 13 Cyan, Magenta, Yellow Ink Cartridges (one each, 14 ml), 4 print heads, reference guide, power cord, driver CD, power adapter	
Also includes		Automatic two-sided printing accessory, built-in Ethernet connectivity

Environmental ranges

Operating temperature	Recommended: 59 to 95 degrees F (15 to 35 degrees C)
	Maximum: 41 to 104 degrees F (5 to 40 degrees C)
Relative humidity	Recommended: 20 to 80 percent, non-condensing
	Maximum: 15 to 80 percent, non-condensing
	Non-operating: 15 to 90 percent, non-condensing
Operating altitude	10,000 ft (3,100 m)

Acoustics

Noise levels (normal)	Sound pressure: 54 dB(A)
	Sound power: 6.1 dB(A)

Power specifications[10]

External universal power adaptor	100 to 240 VAC (+/- 10%), 50/60 Hz (+/-2 Hz) input, 32Vdc 2.5 amp output
Consumption	Off: < 1 watt, Standby: 9 watts, Active: 50 watts, Maximum: 67 watts

Product certifications

Safety	EN 60950/IEC 950 Compliance (International), UL Listed (USA), CSA (Canada), NOM-NYCE (Mexico)
EMC	FCC Title 47 CFR Part 15 Class B (USA), ICES (Canada)

Warranty

1-year limited hardware warranty

[8] Approximate figures—exact speed will vary depending on the print settings, system configuration, software program and document complexity.

[9] Not all protocol and operating system combinations are supported. For more information, see www.hp.com and www.hp.com/support/officejetprok850

[10] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

[11] For estimated yields, refer to www.hp.com/go/pageyield

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Ordering information

Product	Number
HP Officejet Pro K850 color printer	C8177A
HP Officejet Pro K850dn color printer	C8178A
Paper handling	
Automatic two-sided printing accessory	C8258A
HP print supplies[11]	
HP 10 Black Ink Cartridge, 69 ml	C4844A
HP 11 Cyan Ink Cartridge, 28 ml	C4836A
HP 11 Magenta Ink Cartridge, 28 ml	C4837A
HP 11 Yellow Ink Cartridge, 28 ml	C4838A
HP 13 Black Ink Cartridge, 28 ml	C4814A
HP 13 Cyan Ink Cartridge, 14 ml	C4815A
HP 13 Magenta Ink Cartridge, 14 ml	C4816A
HP 13 Yellow Ink Cartridge, 14 ml	C4817A
HP 11 Black Printhead	C4810A
HP 11 Cyan Printhead	C4811A
HP 11 Magenta Printhead	C4812A
HP 11 Yellow Printhead	C4813A
Cables	
USB cable (a-b) 2 meter	C6518A
IEEE 1284-compliant bidirectional parallel cable (2 meter)	C2950A
IEEE 1284-compliant bidirectional parallel cable (3 meter)	C2951A
Connectivity	
HP Jetdirect en3700 Fast Ethernet external print server (USB 2.0, 10/100Base-TX)	J7942A
HP Jetdirect ew2400 802.11g wireless and Fast Ethernet external print server (USB 2.0)	J7951A
HP Jetdirect 175x Fast Ethernet external print server (USB 1.1)	J6035D
HP Jetdirect 500x print server for Token Ring	J3264A
HP Jetdirect 300x print server for Fast Ethernet	J3263A
HP Jetdirect 170x print server for Ethernet	J3258B
Supported paper	
North America: www.hp.com/go/everydaypapers	
USA: 1-800-477-5010	

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