



OFFICEJET PRO 8100

ePrinter

Get professional color for up to 50% lower cost per page than lasers.¹ Easily print on the go,⁶ and increase productivity with wireless and wired networking,⁷ plus automatic two-sided printing. Rely on HP to help conserve resources.

ISO Speeds⁵: Up to 20 ppm black and up to 16 ppm color
Connectivity: Hi-Speed USB 2.0, Built-in wired Ethernet 10/100Base-TX (RJ45) networking, Built-in wireless 802.11n networking
Paper Handling: 250-sheet input tray, optional second 250-sheet input tray, 150-sheet output tray
Borderless Printing: Yes (up to 8.5 x 11 in, 216 x 279 mm)



Professional color for a lower cost per page than lasers¹

- Print professional color for up to 50% lower cost per page than lasers, and get a better value for frequent printing.^{1,4}
- Print documents that resist fading, water and highlighter-pen smearing, using HP Officejet inks.^{2,3}
- Get ISO print speeds up to 20 ppm black and 16 ppm color, using affordable, individual inks.⁵

Mobile printing and network connectivity made easy⁷

- HP ePrint—now, printing is as mobile as you are. If you can e-mail it, you can print it.⁶
- Connect to your network wirelessly or with built-in Ethernet, or directly to your PC with Hi-Speed USB.⁷
- Easily print from a smartphone with HP mobile print applications.⁹ HP ePrint-enabled printers—now with AirPrint™.⁸

Trusted productivity, dependable performance

- Increase your productivity with automatic two-sided printing.
- Simplify printing tasks with an easy-to-use control panel and graphic display.
- Create borderless, double-sided flyers and brochures, plus print impressive business photos.
- Decrease printer intervention, using the 250-sheet paper tray. Add a second tray to double capacity.¹⁰

Superior energy and resource savings

- Use up to 50% less energy than lasers with this ENERGY STAR® qualified printer.¹¹
- Consume up to 50% less paper while printing, using automatic two-sided printing.
- Use up to 70% less packaging and supplies by weight compared with lasers,¹² plus easily recycle cartridges.
- Use Original HP print cartridges for quality, reliability and rewards.¹³

ecoHIGHLIGHTS

HP OFFICEJET PRO 8100 ePrinter

- Use up to 50% less energy than with color lasers.¹
- Reduce paper use up to 50% using automatic two-sided printing.
- Use up to 70% less supplies and packaging by weight compared with color laser.²

ENERGY STAR® qualified

¹Majority of color laser printers < US \$300 excluding VAT, March 2011, OJ Pro with highest-capacity cartridges. Energy use based on HP testing using the ENERGY STAR® program's TEC test method criteria. For details, see <http://www.hp.com/eur/ojfacts>.

²Compared with the majority of color laser printers < US \$300 excluding VAT, March 2011. Calculation compares weight of supplies and cartridge packaging needed for the same amount of pages based on ISO yield and continuous printing.

www.hp.com/ecosolutions

Please recycle your computing hardware and printing supplies. Find out how at our website.



¹Majority of color laser printers < US\$300, March 2011; for details, see <http://www.hp.com/go/officejet>. OJ Pro ISO yield with highest-capacity cartridges based on continuous printing; see <http://www.hp.com/go/learnaboutsupplies>. ²Based on paper-industry predictions for acid-free papers and Original HP inks; colorant stability data at room temperature based on similar systems tested per ISO 11798 and ISO 18909. ³Based on HP internal testing, using paper with the ColorLok® logo. ⁴Compared with the HP Officejet 950/951 Black and color ink cartridges. For more information, see <http://www.hp.com/go/learnaboutsupplies>. High-capacity cartridges not included; please purchase separately. ⁵After first set of ISO test pages. For more information, see <http://www.hp.com/go/printerclaims>. ⁶Requires an Internet connection to the printer. Feature works with any Internet- and email-capable device. Print times may vary. For a list of supported documents and image types, see <http://www.hp.com/go/eprintcenter>. ⁷Wireless performance is dependent upon physical environment and distance from access point. Wireless operations compatible with 2.4 GHz routers only. ⁸Supports iOS 4.2 and later devices (iPad®, iPhone® 4, iPhone® 3GS, and 3rd and 4th generation iPod touch®) that support multitasking. Works with HP ePrint-enabled printers and all-in-ones. AirPrint™ and iOS 4.2 and later devices require an 802.11 "wireless network" connection to the printer. Wireless performance is dependent upon physical environment and distance from the access point. AirPrint and the AirPrint logo are trademarks of Apple® Inc. iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. ⁹Requires access to third-party app stores. See <http://www.hp.com/go/mobile-printing-solutions> for details on compatible devices. ¹⁰Optional 250-sheet paper tray not included; please purchase separately. ¹¹Majority of color laser printers < US\$300, March 2011, OJ Pro with highest-capacity cartridges. Energy use based on HP testing using the ENERGY STAR® program's TEC test method criteria. For details, see <http://www.hp.com/go/officejet>. ¹²Compared with the majority of color laser printers < US\$300, March 2011. Calculation compares weight of supplies and cartridge packaging needed for the same amount of pages based on ISO yield and continuous printing. ¹³Availability of rewards varies by country. For more information, see <http://www.hp.com/go/learnaboutsupplies>.





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TECHNICAL SPECIFICATIONS

PRINT TECHNOLOGY	HP Thermal Inkjet
PRINT RESOLUTION	Black: Up to 1200 x 600 dpi Color: Up to 4800 x 1200 optimized dpi on HP Advanced Photo paper, 1200 x 1200 input dpi
PRINT SPEED¹	ISO Speeds: Up to 20 ppm black, Up to 16 ppm color
PRINTER MANAGEMENT	HP Web Jetadmin
BORDERLESS PRINT CAPABILITY	Yes (up to 8.5 x 11 in, 216 x 279 mm)
INK TYPE	Pigment-based (black and color)
PRINT LANGUAGES STANDARD	HP PCL 3 GUI, HP PCL 3 Enhanced
DUPLEX PRINT OPTIONS	Automatic (standard)
STANDARD CONNECTIVITY	Hi-Speed USB 2.0, Built-in wired Ethernet 10/100Base-TX (RJ45) networking, Built-in wireless 802.11n networking
MOBILE PRINTING CAPABILITY	HP ePrint, Apple AirPrint™
SURESUPPLY SUPPORTED²	Yes
NETWORK READY	Standard (built-in Ethernet, WiFi 802.11n)
SUPPORTED NETWORK PROTOCOLS	TCP/IP, IPv6, DHCP, DHCPv6, NetBIOS, SNMP V1, HTTP, HTTPS, SLP, Bonjour, WSD, LPD, BOOTP, WINS, LLNMR, ARP, IPP
DISPLAY	Color LCD
CAMERA PHONE SUPPORTED	Yes. Direct photo or PDF printing from Smart phones through AP/STA, by using mobile apps (e.g. Android iPrint app) or native iOS (e.g., iPhone®), ePrint through cloud server
CONTROL PANEL	Iconic base informatic display (i.e. ink level, wireless/ethernet status, out-of-paper, etc), 3 LED lights (Resume, ePrint, Wireless), 5 buttons (Resume, Cancel, Power, ePrint, Wireless)
MEDIA TYPES	Plain paper, Thick plain paper, HP Bright White Paper, HP Premium Presentation Paper, Matte, HP Premium Plus Photo Papers, Other inkjet papers, HP Advanced Photo Papers, HP Everyday Photo Paper, Matte, HP Everyday Photo Paper, Glossy, Other photo papers, Other specialty papers, Other Greeting Cards, HP Brochure Paper 180g, Glossy, HP Brochure and Flyer Paper, Matte, HP Tri-fold Brochure Paper, Matte, HP Tri-fold Brochure Paper, Glossy, Other brochure papers, Plain hagaki, Inkjet hagaki, Photo Hagaki, Card Stock
MEDIA SIZES SUPPORTED	Letter, Legal, Government Legal, Executive, Statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 13 x 18 cm, 8 x 10 in, 10 x 15 cm, L, Photo 2L, Envelope (#10, Monarch, 5.5bar), Card (3 x 5 in, 4 x 6 in, 5 x 8 in)
MEDIA WEIGHT SUPPORTED	Tray 1: 16 to 28 lb (plain paper), 60 to 75 lb (photo), 20 to 24 lb (envelope), 90 to 110 lb (card)
PAPER HANDLING	Input: 250-sheet input tray, optional second 250-sheet input tray, Up to 80 Cards, Up to 30 Envelopes, Up to 100 sheets Labels, Up to 100 sheets Photo Paper Output: 150-sheet output tray, Up to 60 Cards, Up to 25 Envelopes, Up to 60 sheets Labels, Up to 150 sheets Legal
MEMORY	128 MB DDR3
PROCESSOR SPEED/TYPE	360 MHz ARM R4, 360 MHz ST231 PIE DSP
DUTY CYCLE (MONTHLY, LETTER)	Up to 25,000 pages
RECOMMENDED MONTHLY PAGE VOLUME³	250 to 1,250 pages
SOFTWARE INCLUDED	HP Printer Software, Microsoft Toolbar, HP Update, Shop for Supplies Online
PRINTER SMART SOFTWARE FEATURES	Print in Grayscale, Preserve Layout, HP Real Life Technologies, Borderless Printing, Print Odd/Even Pages, Print All Text as Black
OPERATING SYSTEMS (COMPATIBLE)⁴	Microsoft® Windows® 7, Windows Vista®, Windows® XP (SP3)* or higher (32-bit only) *Supports 32-bit only, Mac OS X v 10.5 or v 10.6, Linux (For more information, see http://hplipopensource.com/hplip-web/index.html)
MINIMUM SYSTEM REQUIREMENTS	PC: Microsoft® Windows® 7 (32-bit and 64-bit), Windows Vista® 32-bit and 64-bit (Ultimate Edition, Enterprise Edition and Business Edition), Operating System Support (Enterprise: Print driver only), Windows® XP (32-bit) (Professional and Home Editions), Windows® Server 2008 Terminal Services, Windows® Server 2008 Terminal Services with Citrix ZenApp, Windows® 2003 Server Terminal Services, Windows 2003 Small Business Server Terminal Services, Windows® 2003 Server Terminal Services with Citrix Presentation Server 4.5, Windows® 2003 Server Terminal Services with Citrix Presentation Server 4.0, Windows® 2003 Server Terminal Services with Citrix Metaframe XP with Feature Release 3, Mac OS X v 10.5 or v 10.6, Linux (For more information, see http://hplipopensource.com/hplip-web/index.html), Novell Netware 6, 6.5, Open Enterprise Server 6.5 (Novell iPrint support only); Mac: Mac OS X v 10.5 or v 10.6: PowerPC G4, G5 or Intel® Core™ Processor, 500 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port

OPERATING ENVIRONMENT	Recommended Operating Temperature: 59 to 90°F (15 to 32°C) Maximum Operating Temperature: 41 to 104°F (5 to 40°C) Storage Temperature: -31 to 131°F (-35 to 55°C); Operating Humidity: 10 to 80% RH (non-condensing) Recommended Humidity Operating: 20 to 75% RH (non-condensing) Non-Operating Humidity: 10 to 90% RH (non-condensing)
POWER⁵	Power Supply Type: Built-in Universal Power Supply Power Supply Required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) Power Consumption: Active: 3.84 watts (230 V), 3.52 watts (115 V); Sleep: 1.26 watts (230 V), 1.15 watts (115 V); Standby: 0.27 watts (230 V), 0.19 watts (115 V); Manual-Off: 0.27 watts (230 V), 0.19 watts (115 V)
ACOUSTICS	Pressure Emissions: 53 dB(A) (plain mono Normal mode) Power Emissions: 6.6 B(A) (plain mono Normal mode)
PRODUCT DIMENSIONS (W X D X H)	19.45 x 25.43 x 11.18 in (with 2nd tray and trays opened and extended)
PRODUCT WEIGHT	24.2 lb (11 kg)
WARRANTY FEATURES	One-year limited hardware warranty, 24-hour, 7 days a week Web support, business hour phone support within warranty period
WHAT'S IN THE BOX	HP Officejet Pro 8100 ePrinter - N811a, Setup inkjet print cartridges (4 each), shopping card, power cord, CD-ROM, Duplexer, USB cable, Set up poster, Getting started guide
HP SERVICES AND SUPPORT OPTIONS	HP 2-year NBD Exchange with Enhanced Technical Phone Support, UQ206E HP 3-year NBD Exchange with Enhanced Technical Phone Support, UQ207E HP 4-year NBD Exchange with Enhanced Technical Phone Support, UQ219E
REPLACEMENT INK CARTRIDGES	HP 950 Black Officejet Print Cartridge (~ 1,000 pages) HP 950XL Black Officejet Print Cartridge (~ 2,300 pages) HP 951 CMY Officejet Print Cartridge (~ 700 pages) HP 951XL CMY Officejet Print Cartridge (~ 1,500 pages)
ACCESSORIES	HP Officejet Pro 8100 ePrinter 250-sheet input tray, CQ696A

FOR MORE INFORMATION VISIT OUR WEBSITE AT [WWW.HP.COM](http://www.hp.com)

HP OFFICEJET PRO 8100 ePrinter Product Number: CM752A

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

¹Speed specifications have been updated to reflect current industry testing methods. ²HP SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Internet. For more information, visit <http://www.hp.com/learn/suresupply>. Only available with original HP supplies; Internet access required. ³HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. ⁴Not supporting: Microsoft® Windows® XP Professional x64 (SP1), Windows® 2000 (SP4); ⁵Power measurements are based on Energy Star OM test procedure.

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