



# OFFICEJET PRO 8100

## ePrinter

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

- ISO Speeds<sup>5</sup>:** 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 (US letter), 210 x 297 mm (A4)



### Professional color for a lower cost per page than lasers<sup>1</sup>

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

### Mobile printing and network connectivity made easy<sup>7</sup>

- HP ePrint—now you can print from virtually anywhere<sup>6</sup>
- Connect to your network wirelessly or with built-in Ethernet, or directly to your PC with Hi-Speed USB.<sup>7</sup>
- Easily print from a smartphone with HP mobile print applications.<sup>9</sup> HP ePrint-enabled printers—now with AirPrint™.<sup>8</sup>

### 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.<sup>10</sup>

### Superior energy and resource savings

- Use up to 50% less energy than lasers with this ENERGY STAR<sup>®</sup> qualified printer.<sup>11</sup>
- 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,<sup>12</sup> plus easily recycle cartridges.
- Use Original HP print cartridges for quality, reliability and rewards.<sup>13</sup>

#### ecoHIGHLIGHTS

HP OFFICEJET PRO 8100 ePrinter

- Use up to 50% less energy than with color lasers.<sup>1</sup>
- 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.<sup>2</sup>

#### ENERGY STAR<sup>®</sup> qualified

<sup>1</sup>Majority of color laser printers < US\$300, March 2011. For details: <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>.

<sup>2</sup>Compared 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.

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

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



<sup>1</sup>Majority 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>. <sup>2</sup>Based 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. <sup>3</sup>Based on HP internal testing, using paper with the ColorLok<sup>®</sup> logo. <sup>4</sup>Compared with the majority of color laser printers < US\$300, March 2011. For more information, see <http://www.hp.com/go/learnaboutsupplies>. High-capacity cartridges not included; please purchase separately. <sup>5</sup>Either after first page or after first set of ISO test pages. For details see <http://www.hp.com/go/printerclaims>. <sup>6</sup>Requires an Internet connection to the printer. Feature works with any connected Internet- and email-capable device. Print times may vary. Some HP Officejets may require a firmware upgrade. For a list of supported documents, and image types, see <http://www.hp.com/go/eprintcenter>. And for additional solutions, see <http://www.hp.com/go/mobile-printing-solutions>. <sup>7</sup>Wireless performance is dependent upon physical environment and distance from access point. Wireless operations compatible with 2.4 GHz routers only. <sup>8</sup>Supports iOS 4.2 and later devices (iPad<sup>®</sup>, iPhone<sup>®</sup> 4, iPhone<sup>®</sup> 3GS, and 3rd and 4th generation iPod touch<sup>®</sup>) that support multitasking. Works with HP ePrint-enabled printers and all-in-ones. AirPrint<sup>™</sup> and iOS 4.2 and later devices require an 802.11<sup>®</sup> "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<sup>®</sup> Inc. iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. <sup>9</sup>Requires access to third-party app stores. See <http://www.hp.com/go/mobile-printing-solutions> for details on compatible devices. <sup>10</sup>Optional 250-sheet paper tray not included; please purchase separately. <sup>11</sup>Majority of color laser printers < US\$300, March 2011, OJ Pro with highest-capacity cartridges. Energy use based on HP testing. For details, see <http://www.hp.com/go/officejet>. <sup>12</sup>Compared 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. <sup>13</sup>Availability of rewards varies by country. For more information, see <http://www.hp.com/go/learnaboutsupplies>.





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## TECHNICAL SPECIFICATIONS

<b>PRINT TECHNOLOGY</b>	HP Thermal Inkjet
<b>PRINT RESOLUTION</b>	<b>Black:</b> Up to 1200 x 600 dpi <b>Color:</b> Up to 4800 x 1200 optimized dpi on HP Advanced Photo paper, 1200 x 1200 input dpi
<b>PRINT SPEED<sup>1</sup></b>	<b>ISO Speeds:</b> Up to 20 ppm black, Up to 16 ppm color
<b>PRINTER MANAGEMENT</b>	HP Web Jetadmin; Embedded Web server
<b>BORDERLESS PRINT CAPABILITY</b>	Yes, up to 8.5 x 11 in (US letter), 210 x 297 mm (A4)
<b>INK TYPE</b>	Pigment-based (black and color)
<b>PRINT LANGUAGES STANDARD</b>	HP PCL 3 GUI, HP PCL 3 Enhanced
<b>DUPLEX PRINT OPTIONS</b>	Automatic (standard)
<b>STANDARD CONNECTIVITY</b>	Hi-Speed USB 2.0, Built-in wired Ethernet 10/100Base-TX (RJ45) networking, Built-in wireless 802.11n networking
<b>MOBILE PRINTING CAPABILITY</b>	HP ePrint, HP WebOS printing (TouchPad only), Apple AirPrint™
<b>SURESUPPLY SUPPORTED<sup>2</sup></b>	Yes
<b>NETWORK READY</b>	Standard (built-in Ethernet, WiFi 802.11n)
<b>SUPPORTED NETWORK PROTOCOLS</b>	Supported Network Protocols configurations (IPv4, IPv6); ARP; BOOTP; SMTP client; LLNMR; Bonjour; LP/ AP/PA (Auto IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1; Web Services Discovery; Web Services Print; DHCP options: 81/RFC4702/RFC4704, 12-Hostname; 44; Syslog; Firewall; SSL/TLS (HTTPS); Password-protected network Embedded Web server; Enable/disable network ports & device features
<b>DISPLAY</b>	Iconic graphic display
<b>CAMERA PHONE SUPPORTED</b>	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
<b>CONTROL PANEL</b>	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)
<b>MEDIA TYPES</b>	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
<b>MEDIA SIZES SUPPORTED</b>	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)
<b>MEDIA WEIGHT SUPPORTED</b>	Tray 1: 16 to 28 lb (plain paper), 60 to 75 lb (photo), 20 to 24 lb (envelope), 90 to 110 lb (card)
<b>PAPER HANDLING</b>	<b>Input:</b> 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 <b>Output:</b> 150-sheet output tray, Up to 60 Cards, Up to 25 Envelopes, Up to 60 sheets Labels, Up to 150 sheets Legal
<b>MEMORY</b>	128 MB DDR3
<b>PROCESSOR SPEED/TYPE</b>	360 MHz ARM R4
<b>DUTY CYCLE (MONTHLY, LETTER)</b>	Up to 25,000 pages
<b>RECOMMENDED MONTHLY PAGE VOLUME<sup>3</sup></b>	250 to 1,250 pages
<b>SOFTWARE INCLUDED</b>	HP Printer Software, Microsoft Toolbar, HP Update, Shop for Supplies Online
<b>PRINTER SMART SOFTWARE FEATURES</b>	Print in Grayscale, Preserve Layout, HP Real Life Technologies, Borderless Printing, Print Odd/Even Pages, Print All Text as Black
<b>OPERATING SYSTEMS (COMPATIBLE)<sup>4</sup></b>	Microsoft® Windows® 7, Windows Vista®, Windows® XP (SP3) <sup>4</sup> or higher (32-bit only), Mac OS X v 10.5 or v 10.6, Linux (For more information, see <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a> )

<b>COMPATIBLE NETWORK OPERATING SYSTEMS</b>	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 <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a> ), Novell Netware 6, 6.5, Open Enterprise Server 6.5 (Novell iPrint support only)
<b>MINIMUM SYSTEM REQUIREMENTS</b>	<b>PC:</b> 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 <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a> ), Novell Netware 6, 6.5, Open Enterprise Server 6.5 (Novell iPrint support only); <b>Mac:</b> 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
<b>OPERATING ENVIRONMENT</b>	<b>Recommended Operating Temperature:</b> 59 to 90°F (15 to 32°C) <b>Maximum Operating Temperature:</b> 41 to 104°F (5 to 40°C) <b>Storage Temperature:</b> -31 to 131°F (-35 to 55°C); <b>Operating Humidity:</b> 10 to 80% RH (non-condensing) <b>Recommended Humidity Operating:</b> 20 to 75% RH (non-condensing) <b>Non-Operating Humidity:</b> 10 to 90% RH (non-condensing)
<b>POWER<sup>5</sup></b>	<b>Power Supply Type:</b> Built-in Universal Power Supply <b>Power Supply Required:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) <b>Power Consumption:</b> 28 watts; Sleep: 1.35 watts; Standby: 3.94 watts; Manual-Off: 0.27 watts
<b>ACOUSTICS</b>	<b>Pressure Emissions:</b> 53 dB(A) (plain mono Normal mode) <b>Power Emissions:</b> 6.6 B(A) (plain mono Normal mode)
<b>PRODUCT DIMENSIONS (W X D X H)</b>	19.45 x 18.03 x 7.95 in (494 x 458 x 202 mm)
<b>PRODUCT WEIGHT</b>	24.2 lb (11 kg)
<b>WARRANTY FEATURES</b>	One-year limited hardware warranty, 24-hour, 7 days a week Web support, business hour phone support within warranty period
<b>WHAT'S IN THE BOX</b>	HP Officejet Pro 8100 ePrinter - N811a, inkjet print cartridges (4 each), shopping card, power cord, CD-ROM, Duplexer, USB cable, poster, Getting started guide
<b>HP SERVICES AND SUPPORT OPTIONS</b>	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 HP 2 Year Care Pack Business Priority Support with Onsite Exchange for OfficeJet Printers, U6M50E HP 3 Year Care Pack Business Priority Support with Onsite Exchange for OfficeJet Printers, U6M51E HP 4 Year Care Pack Business Priority Support with Onsite Exchange for OfficeJet Printers, U6M52E
<b>REPLACEMENT INK CARTRIDGES</b>	HP 950 Black Officejet Ink Cartridge (~1000 pages) HP 951 Cyan Officejet Ink Cartridge (~700 pages) HP 951 Magenta Officejet Ink Cartridge (~700 pages) HP 951 Yellow Officejet Ink Cartridge (~700 pages) HP 950XL Black Officejet Ink Cartridge (~2300 pages) HP 951XL Cyan Officejet Ink Cartridge (~1500 pages) HP 951XL Magenta Officejet Ink Cartridge (~1500 pages) HP 951XL Yellow Officejet Ink Cartridge (~1500 pages). [Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. Some ink from included cartridge is used to start up the printer. For details see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> ]
<b>ACCESSORIES</b>	HP Officejet Pro 8100 ePrinter 250-sheet input tray, CQ696A

## FOR MORE INFORMATION VISIT OUR WEBSITE AT WWW.HP.COM

HP OFFICEJET PRO 8100 ePrinter Product Number: CM752A  
ENERGY STAR® qualified models; see: <http://www.hp.com/go/energystar>

<sup>1</sup>Either after first page or after first set of ISO test pages. For details see <http://www.hp.com/go/printerclaims>. <sup>2</sup>HP 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. <sup>3</sup>HP 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. <sup>4</sup>Not supporting: Microsoft® Windows® XP Professional x64 (SP1), Windows® 2000 (SP4); <sup>5</sup>Power measurements are based on ENERGY STAR® OM test procedure with 230 VAC, 50 Hz input.