

# HP Officejet Pro 8100 ePrinter



## Print professional colour for less than lasers – and enhance your productivity too<sup>1</sup>

Print professional-quality colour for up to 50% lower cost per page than lasers with this web-connected printer.<sup>1</sup> Print via your wired or wireless network or on the go with HP ePrint – now you can print from virtually anywhere.<sup>2, 3</sup>



### Print professional-quality colour for up to 50% lower cost per page than lasers.<sup>1</sup>

- Create professional colour documents for up to 50% lower cost per page than competitive lasers.<sup>1</sup>
- Print documents that resist fading, water and highlighter pen smearing with HP Officejet inks.<sup>4, 5</sup>
- Print at ISO (laser comparable) speeds of up to 20 ppm black, 16 ppm colour, using affordable, individual inks.
- Maximise your productivity and get better value for frequent printing with high capacity XL ink cartridges.<sup>6</sup>

### Print wirelessly or on the go with a choice of mobile printing options.<sup>2, 3</sup>

- Discover the freedom of HP ePrint – now you can print from virtually anywhere.<sup>3</sup>
- Connect to your network wirelessly or with built-in Ethernet, or directly to your PC with Hi-speed USB.<sup>2</sup>
- Print e-mails, documents, web pages and more direct from your iPad®, iPhone® or iPod touch® with AirPrint™.<sup>7</sup>
- Print wirelessly direct from a smartphone and other mobile devices using HP mobile printing applications.<sup>8</sup>

### Share high-productivity features between multiple users.

- Boost productivity – and save time and paper – with automatic two-sided printing.
- Use the intuitive control panel and graphic display to access print tools, check ink levels and more.
- Create double-sided flyers, borderless photos, impressive leaflets and other professional-looking materials.
- Enjoy reliable printing with minimal interruptions with 250-sheet paper tray, expandable to 500 sheets.<sup>9</sup>

**Borderless Printing:** Yes (up to 216 x 297 mm)

**Wireless Capability:** Yes

**Ethernet Capability:** Yes

**Paper Handling:** Automatic 2-sided



2-sided printing



Borderless



Wireless



Ethernet

# Technical specifications

<b>Print technology</b>	HP Thermal Inkjet
<b>Print speed</b>	Up to 20 ppm ISO black (A4); Up to 16 ppm ISO colour (A4) Either after first page or after first set of ISO test pages. For details see <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a>
<b>Standard connectivity</b>	Hi-Speed USB 2.0; Built-in wired Ethernet 10/100Base-TX (RJ45) networking; Built-in wireless 802.11b/g/n networking
<b>Wireless capability</b>	Yes
<b>Mobile printing capability</b>	HP ePrint, Apple AirPrint™
<b>Media Handling</b>	<b>Input capacity:</b> <b>Output capacity:</b> Up to 150 sheets, Up to 25 envelopes Maximum: Up to 150 sheets <b>Duplex printing:</b> Automatic (standard)
<b>Monthly duty cycle</b>	Up to 25000 pages (A4); Recommended monthly page volume: 250 to 1250 pages
<b>Print languages</b>	HP PCL 3 GUI; HP PCL 3 Enhanced
<b>Print capabilities</b>	Borderless printing: Yes (up to 216 x 297 mm); Direct print supported: None
<b>Print Area</b>	Print margins: Top: 3.3 mm; Bottom: 3.3 mm; Left: 3.3 mm; Right: 3.3 mm; Maximum print area: 209 x 349 mm
<b>Print resolution</b>	Up to 1200 x 600 dpi black; Up to 4800 x 1200 optimised dpi on HP Advanced Photo paper, 1200 x 1200 input dpi colour
<b>Memory</b>	128 MB DDR3
<b>Printer smart software features</b>	Print in Greyscale, Preserve Layout, HP Real Life Technologies, Borderless Printing, Print Odd/Even Pages, Print All Text as Black
<b>Printer management</b>	HP Web Jetadmin; Embedded Web server
<b>Security management</b>	Device firewall configuration; Password protected EWS, SSL/TLS (HTTPS), WPA2-Personal
<b>Control panel</b>	Icon-based colour graphic LCD 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>Compatible operating systems</b>	Microsoft® Windows® 7; Windows Vista®; Windows® XP (SP3) or higher (32-bit only); Mac OS X v10.5 or v10.6, Linux (For more information, see <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a> )
<b>Minimum system requirements</b>	Windows: Microsoft® Windows® 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor; 2 GB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista®: 800 MHz 32-bit (x86) or 64-bit (x64) processor; 2 GB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows® XP (SP3)* or higher (32-bit only); any Intel® Pentium® II, Celeron® or compatible processor, 233 MHz or higher; 750 MB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 6 or higher. *Supports 32-bit only; Mac OS X v10.5 or v10.6: PowerPC G4, G5 or Intel® Core™ Processor, 500 MB available hard disk space, 500 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port Mac: Mac OS X v10.5 or v10.6: PowerPC G4, G5 or Intel® Core™ Processor, 500 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port

<b>What's in the box</b>	<b>CM752A</b> HP Officejet Pro 8100 ePrinter (N811a); HP Automatic Duplexer; HP 950 Setup Black Officejet Ink Cartridge; HP 951 Setup Ink Cartridges (Cyan, Magenta, Yellow); printer software and user's guide on CD-ROM; USB cable; getting started guide; setup poster; power cable
<b>Accessories</b>	<b>CQ696A</b> HP Officejet Pro 8100 ePrinter 250-sheet Paper Tray
<b>Connectivity</b>	<b>C6520A</b> HP USB Cable 2.0 (a-b) 3 meter
<b>Supplies</b>	<b>CN045AE</b> HP 950XL High Yield Black Original Ink Cartridge 2300 pages* <b>CN046AE</b> HP 951XL High Yield Cyan Original Ink Cartridge 1500 pages* <b>CN047AE</b> HP 951XL High Yield Magenta Original Ink Cartridge 1500 pages* <b>CN048AE</b> HP 951XL High Yield Yellow Original Ink Cartridge 1500 pages* <b>CN049AE</b> HP 950 Black Original Ink Cartridge 1000 pages* <b>CR712AE</b> HP 951XL Officejet Value Pack-75 sht/A4/210 x 297 mm <b>CR712AE</b> HP 951XL Officejet Value Pack-75 sht/A4/210 x 297 mm <b>Q6593A</b> HP Professional Matt Inkjet Paper-200 sht/A4/210 x 297 mm *For information on page yield, visit <a href="http://www.hp.com/go/learnaboutsupplies">www.hp.com/go/learnaboutsupplies</a> , or see product packaging
<b>Software included</b>	HP Printer Software; Microsoft® Toolbar; HP Update; Shop for Supplies Online
<b>Media weight</b>	Tray 1: 60 to 105 g/m <sup>2</sup> (plain paper); 220 to 280 g/m <sup>2</sup> (photo)*; 75 to 90 g/m <sup>2</sup> (envelope); 163 to 200 g/m <sup>2</sup> (card). *HP Premium Plus Photo Papers up to 300 g/m <sup>2</sup> and HP Everyday Photo Paper up to 200 g/m <sup>2</sup> are also supported. Media Weight Recommended: 60 to 105 g/m <sup>2</sup> (plain paper); 220 to 280 g/m <sup>2</sup> (photo)*; 75 to 90 g/m <sup>2</sup> (envelope); 163 to 200 g/m <sup>2</sup> (card). *HP Premium Plus Photo Papers up to 300 g/m <sup>2</sup> and HP Everyday Photo Paper up to 200 g/m <sup>2</sup> are also supported.
<b>Media types</b>	Plain paper, Thick plain paper, HP Bright White Paper, HP Professional Inkjet Paper 120 Matte, HP Premium Plus Photo Papers*, Other inkjet papers, HP Advanced Photo Papers, HP Everyday Photo Paper, Glossy*, Other photo papers, Other specialty papers, Other Greeting Cards, HP Professional inkjet Paper 180, Glossy and Matte, Other brochure papers, Card Stock
<b>Media sizes</b>	A4; A5; A6 (10 x 15 cm); 13 x 18 cm; Envelope (C5, C6, DL); Letter; Custom: Tray 1: 76.2 x 127 to 215.9 x 355.6 mm (custom sizes supported by Mac driver only)
<b>Printer dimensions (W x D x H)</b>	494 x 458 x 202 mm (including duplexer)
<b>Package dimensions (W x D x H)</b>	567 x 300 x 487 mm
<b>Printer Weight</b>	11 kg
<b>Package weight</b>	13.88 kg
<b>Operating environment</b>	Temperature: 5 to 40°C, Humidity: 20 to 75% RH (non-condensing)
<b>Storage</b>	Temperature: -35 to 55°C, Humidity: 10 to 90% RH (non-condensing)
<b>Acoustics</b>	Acoustic power emissions: 6.6 B(A) (black-and-white printing, normal); Acoustic pressure emissions: 53 dB(A) (black-and-white printing, normal)
<b>Power</b>	Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) Consumption: 28 watts (active), 3.94 watts (standby), 1.35 watts (sleep), 0.27 watts (manual-off). Power measurements are based on ENERGY STAR® OM test procedure with 230 VAC, 50 Hz input.
<b>Certifications</b>	FCC Class B
<b>Country of origin</b>	Made in China
<b>Warranty</b>	Standard one-year HP limited hardware warranty. Three-year HP limited hardware warranty after registration within 60 days of purchase (see <a href="http://www.hp.com/eur/officejet">www.hp.com/eur/officejet</a> ). Warranty and support options vary by product, country and local legal requirements.
<b>Service and support</b>	<b>UG198E</b> - HP 3 year Care Pack w/Standard Exchange for Officejet Pro Printers <b>UG075E</b> - HP 3 year Care Pack w/Next Day Exchange for Officejet Pro Printers <b>UG248E</b> - HP 3 year Care Pack w/Return to Depot Support for Officejet Pro Printers (UG198E: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK. UG075E: same as UG198E plus Czech Republic, Greece, Hungary, Poland, Slovakia. UG248E: Only Baltics, Bulgaria, Czech Republic, Dom Tom, EEM, Cyprus, Hungary, Israel, Malta, MEMA, Moldova, Poland, Romania, South Africa, Russia, Slovakia, Slovenia, Turkey)

<sup>1</sup> Majority of colour laser printers < €200 excluding VAT, June 2013. For details, see <http://www.hp.com/eur/ofacts>. OJ Pro ISO yield with highest-capacity cartridges based on continuous printing; see <http://www.hp.com/go/learnaboutsupplies>.

<sup>2</sup> Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to printer. Wireless performance is dependent upon physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See <http://www.hp.com/go/mobileprinting> for more details.

<sup>3</sup> Requires an Internet connection to the printer. Feature works with any connected Internet- and e-mail-capable device. Print times may vary. For a list of supported documents and image types, see [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter).

<sup>4</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>5</sup> Based on HP internal testing, using paper with the ColorLok® logo.

<sup>6</sup> Not included, please purchase separately.

<sup>7</sup> Supports iOS 4.2 and later devices (iPad®, iPhone® 4, iPhone® 3GS, and 3rd and 4th generation iPod touch®) that support multitasking, AirPrint™ and iOS 4.2 and later devices require an 802.11 "wireless network" connection to the printer. 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.

<sup>8</sup> Requires access to third party apps stores. See [www.hp.com/go/mobile-printing-solutions](http://www.hp.com/go/mobile-printing-solutions) for details of compatible devices.

<sup>9</sup> Optional 250-sheet paper tray not included; please purchase separately.



<http://www.hp.com/uk>

