Officejet Pro 251dw Printer

Efficiently manage your printing environment—and your budget—with an HP ePrinter that delivers up to 50% lower cost per page than lasers[3] and powerful manageability tools. Simplify office tasks with time-saving features and easy networking.

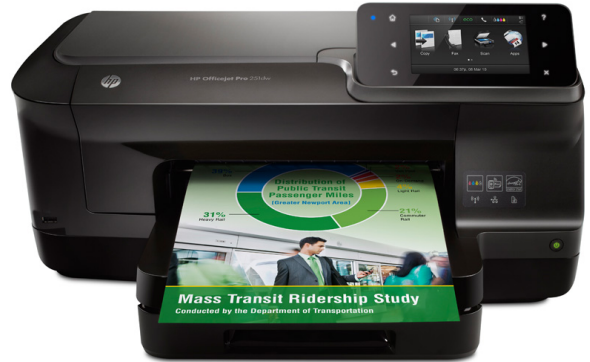**ISO Speeds:[1]** Up to 20 ppm black, Up to 15 ppm color
HP ePrint Capability: Yes
Connectivity: 1 Hi-Speed USB 2.0 Device, 1 Hi-Speed USB 2.0 Host, 1 Ethernet 10/100 Base-TX network, 802.11 b/g/n Station, 802.11 b/g Access Point
Paper Handling: 250-sheet input tray, 150-sheet output tray, Optional 250-sheet input tray
Print Languages: HP PCL5c, HP PCLXL (PCL6), native PDF, HP Postscript Level 3
Duty Cycle (monthly):[2] Up to 30,000 pages

Print for less[3] and easily manage your office

- Print professional-quality color with Original HP inks—for up to 50% lower cost per page than lasers.[3]
- Easily integrate into your office. Centrally deploy updates and manage tasks with HP Web Jetadmin.
- Safeguard your print environment with the HP Imaging and Printing Security Center—no expertise necessary.
- Help protect your investment and extend capabilities as your needs grow with a portfolio of solutions.[12]

Count on time-saving features to ease office tasks

- Ease office workflows. Easily print, access helpful business apps, and more—right from the color display.[6]
- Depend on HP for reliable workgroup printing—designed for volumes up to 1500 pages a month.
- Reload paper less and handle large print jobs, using the automatic document feeder and 250-sheet paper tray.
- Print up to 2,300 pages—or up to 1,500 color pages—from a single high-capacity Original HP cartridge.[7]

Connect and print—at the office or on the go.[5]

- Add this printer to your Ethernet or wireless network to easily share with your teammates.[4]
- Print wirelessly, and share access with PCs, tablets, and mobile devices[4]—even with no network or router.[8]
- Print from your smartphone or tablet from virtually anywhere with HP ePrint.[5]
- Print PDF files and images directly from memory devices, using the easy-access USB port—no computer required.

Conserve resources without sacrificing performance

- Use up to 50% less energy than lasers[9]—set your printer for savings with Schedule On and Schedule Off.[10]
- Save up to 50% on paper, using automatic two-sided printing.
- Reduce your impact—easily recycle your Original HP ink cartridges for free through HP Planet Partners.[11]

HP EcoSolutions

- 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

Join HP in more sustainable printing
www.hp.com/ecosolutions

[1]Majority of color laser printers < $300 USD as of September 2012. Energy use based on HP testing and ENERGY STAR's published TEC data. For details, see **www.hp.com/go/officejet**.
[2]Compared with the majority of color laser printers < $300 USD as of September 2012. Calculation compares weight of supplies and cartridge packaging needed for the same amount of pages based on highest-capacity cartridges ISO yield and continuous printing.

[1]Either after first page or after first set of ISO test pages. For details see **www.hp.com/go/printerclaims**. [2]Duty cycle is defined as the maximum number of pages per month of imaged output. [3]Majority of color laser printers <$300 USD as of September 2012; for details, see www.hp.com/officejet. OJ Pro ISO yield with highest-capacity cartridges based on continuous printing; see **www.hp.com/go/learnaboutsupplies**. [4]Wireless performance is dependent upon physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. [5]Requires an Internet connection to HP web-enabled printer and HP ePrint account registration. For a list of eligible printers, supported documents, and image types, and other HP ePrint details, see **www.hpconnected.com**. Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. [6]Requires a wireless access point and an Internet connection to the printer. Services require registration. App availability varies by country, language, and agreements, and requires a firmware upgrade. For details, **www.hpconnected.com**. [7]Page volume based on HP 950XL Officejet Black Ink Cartridge and HP 951XL Officejet Cyan, Magenta, and Yellow Ink Cartridges. For more information, see **www.hp.com/go/learnaboutsupplies**. High-capacity cartridges not included; please purchase separately. [8]An app or driver may be required to use HP wireless direct, for more info go to **www.hpconnected.com**. Wireless performance is dependent upon physical environment and distance from access point. [9]Energy claim based on the majority of color laser printers <US$300, Sept/2012 Energy use based on HP and third party testing using the ENERGY STAR® program's TEC test method criteria. For details, see **www.hp.com/go/officejet**. [10]Energy savings calculation assumes the device is scheduled to be off for 12 hours per weekday and 48 hours per weekend. Reduced energy use is compared with a typical daily usage model, which assumes devices remain in "off" mode overnight and on the weekend. [11]Program availability varies. Original HP cartridge return and recycling is currently available in 47 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit **www.hp.com/recycle**. [12]Additional workflow solutions available through HP's software and third-party partner program. For solution details, go to **www.hp.com/go/ideabook**.

ENERGY STAR | Compatible with Windows® 7 | Mac | Works with Windows Vista® | Ethernet | 4 individual inks | Easy access USB | ePrint | 2-sided printing

HP Officejet Pro 251dw Printer

TECHNICAL SPECIFICATIONS

Duplex Print Options	Automatic (standard)
Print Speed[1]	**ISO Speed:** Up to 20 ppm black, Up to 15 ppm color; **Maximum Print Speed:** Up to 25 ppm black, Up to 25 ppm color
First Page Out	**Black (ready):** As fast as 13 sec; **Color (ready):** As fast as 14 sec
Print Resolution	**Black (best):** Up to 1200 x 1200 optimized dpi on plain paper from 600 x 600 input dpi; **Color (best):** Up to 1200 x 1200 optimized dpi from 600x600 input dpi
Print Technology	HP Thermal Inkjet
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)
Printer Smart Software Features	HP ePrint, HP ePrint Mobile Apps, Google Cloud Print, HP EasyColor, Cover Pages; Orientation: Portrait/Landscape/Rotate by 180 degrees; Print on Both Sides: Flip over/Flip up; Pages per Sheet: 1, 2, 4, 6, 9, 16; Booklet: Left Binding/Right Binding; Print in Grayscale: Black Ink Only/High Quality; Resizing options: Actual size, Scale to fit, % of actual size (25%-400%); A4/Letter Edge to Edge Printing; Output Quality: Draft/Normal/Best; Print All text as Black
Mobile Printing Capability	HP ePrint, HP ePrint Mobile Apps, Google Cloud Print, Business Applications, HP ePrint Wireless Direct, Apple AirPrint™
Borderless Printing	Yes, Edge to Edge up to 8.5 x 11 in (US letter), 210 x 297 mm (A4). Brochure media type only
Standard Print languages	HP PCL5c, HP PCLXL (PCL6), native PDF, HP Postscript Level 3
Printer Management	HP Web Jetadmin; Embedded Web server, HP Imaging and Printing Security Centre, HP Driver Configuration Utility; HP Driver Deployment Utility; HP Utility (Mac)
Standard Connectivity	1 Hi-Speed USB 2.0 Device; 1 Hi-Speed USB 2.0 Host; 1 Ethernet 10/100 Base-TX network; 802.11 b/g/n Station; 802.11 b/g Access Point
Network Capabilities	Standard (built-in Ethernet and WiFi 802.11b/g/n)
Wireless Capability	Yes
Memory	256 MB
Processor Speed	480 Mhz
Duty Cycle (monthly)[2]	Up to 30,000 pages
Recommended Monthly Page Volume[3]	Up to 250 to 1,500 pages
Paper handling	250-sheet input tray, 150-sheet output tray, Optional 250-sheet input tray **Input Capacity:** Up to 80 cards, Up to 500 sheets legal, Up to 100 sheets label, Up to 30 envelopes, Up to 100 4 X 6 Photo, Up to 100 photo paper **Output Capacity:** Up to 65 cards, Up to 150 sheets legal, Up to 60 sheets label, Up to 25 envelopes, Up to 60 photo paper
Media Type	Plain paper; Thick plain paper; HP Bright White Paper; HP Premium Presentation Paper, Matte; HP Premium Plus Photo Papers; Other inkjet papers (up to 28 lb bond); HP Advanced Photo Papers; HP Everyday Photo Paper, Matte; HP Everyday Photo Paper, Glossy; Other photo papers (up to 75 lb bond); Other Greeting Cards (up to 110 lb index); 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 Weight	16 to 28 lb (plain paper); 60 to 75 lb (photo); 20 to 24 lb (envelope); 90 to 110 lb (card)
Media Sizes Custom	**Tray 1:** Custom-sized media between 3 to 8.5 in wide and 5 to 14 inches long; **Tray 2:** Not supporting custom size
Dimensions	**W x D x H:** 19.5 x 18.1 x 9.35 in (494 x 460 x 238 mm); **Max:** 19.4 x 25.6 x 10.4 in (494 x 649 x 263 mm) with duplexer installed, output tray extended to Legal
Weight	19.4 lb (8.8 kg)
What´s in the box[4]	HP Officejet Pro 251dw Printer; Automatic Two-sided Printing accessory; HP 950 Setup Black Officejet Ink Cartridge (~1,000 pages); HP 951 Setup Cyan Officejet Ink Cartridge; HP 951 Setup Magenta Officejet Ink Cartridge; HP 951 Setup Yellow Officejet Ink Cartridge: Composite yield (~700 pages); Power cord; Setup poster; Getting Started Guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide)
Replacement Cartridges	HP 950 Black Officejet Ink Cartridge (~1,000 pages), CN049AN HP 951 Cyan Officejet Ink Cartridge (~700 pages), CN050AN HP 951 Magenta Officejet Ink Cartridge (~700 pages), CN051AN HP 951 Yellow Officejet Ink Cartridge (~700 pages), CN052AN HP 950XL Black Officejet Ink Cartridge (~2,300 pages), CN045AN HP 951XL Cyan Officejet Ink Cartridge (~1,500 pages), CN046AN HP 951XL Magenta Officejet Ink Cartridge (~1,500 pages), CN047AN HP 951XL Yellow Officejet Ink Cartridge (~1,500 pages), CN048AN
Warranty Features	One-year limited hardware warranty, 24-hour, 7 days a week Web support, business hour phone support within warranty period

Compatible Operating Systems	Windows 8 (32bit & 64bit); Windows 7 (32bit & 64bit); Windows Vista (32bit & 64bit) (Including Starter Edition); Windows XP SP3 or greater (32bit only); Mac OS X v10.6; OS X Lion; OS X Mountain Lion; Linux (For more information, see hplipopensource.com/hplip-web.html) **Compatible Network Operating Systems:** Windows 2003 Server (Standard Edition, Enterprise Edition) (32bit & 64-bit); Windows 2003 Server R2 (Standard Edition, Enterprise Edition) (32bit & 64-bit); Windows Small Business Server 2003 (32bit & 64-bit); Windows 2008 Server (Standard Edition, Enterprise Edition) (32bit & 64-bit); Windows Small Business Server 2008 (64-bit); Windows 2008 Server R2 (Standard Edition, Enterprise Edition) (64-bit); Windows Small Business Server 2011; Windows Server 2012; Linux (For more information, see **www.hplipopensource.com / www.hplip-web/index.html**) Windows Cluster (Windows Server 2008 R2); Windows Terminal Services (Windows Server 2008 R2); Windows 2003 Small Business Server Terminal Services; Windows 2003 Server Terminal Services; Windows 2003 Server Terminal Services with Citrix Metaframe XP with Feature Release 3; Windows Server 2003 Terminal Services with Citrix Presentation Server 4.0; Windows Server 2003Terminal Services with Citrix Presentation Server 4.5; Windows Server 2008 Terminal Services; Windows Server 2008 Terminal Services with Citrix XenApp; Citrix (Print): Xen Server 5.6, Xen Desktop 5.5, Citrix XenApps 6.0, Citrix XenApp 6.5; Novell Netware 6, 6.5, Open Enterprise Server 6.5 (Novell iPrint support only); SAP (For more information see **www.hp.com/go/sap/drivers**)
Minimum System Requeriments	**PC:** Windows 8, Windows 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB HD, Internet Explorer, CD-ROM/DVD or Internet, USB. Windows Vista: 800 MHz 32-bit (x86) or 64-bit (x64) processor, 2 GB HD, Internet Explorer, CD-ROM/DVD or Internet, USB. Windows XP SP3 (32-bit only): Intel Pentium® II, Celeron® or 233 MHz compatible processor, 750 MB HD, Internet Explorer 6, CD-ROM/DVD or Internet, USB. Mac OS X v10.6, OS X Lion , OS X Mountain Lion: Intel Core Processor, 1GB HD, CD-ROM/DVD or Internet, USB. Linux (For more information, see **www.hplipopensource.com / www.hplip-web/index.html**) **Mac:** Mac OS X v10.6, OS X Lion, OS X Mountain Lion: Intel Core Processor, 1GB HD, CD-ROM/DVD or Internet, USB
Fonts and Typefaces	84 scalable TrueType fonts
Control Panel	4.3" CGD Touch Screen with Gestural User Interface: 6 Magic Frame(MF) Touch Buttons: Home button - Is contextually lit to take user to the product home screen; Back button - Is contextually lit to take user back to the previuos screen; Left and Right arrows - Is contextually lit to allow user for left and right scrolling of menus; Cancel button - Is contextually lit when jobs are in progress and lets user initiate job cancelling. Help button - Is contextually lit whenever help is available for a feature/menu item; Wireless LED - Indicator for the wireless states.
Display	4.3" CGD (color graphics display), touchscreen
Power	**Power Supply Type:** Internal (Built-in) Universal Power Supply **Power Supply Required:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) **Power Consumption:[5]** 38.58 watts maximum, 0.13 watts (Manual-Off), 4.71 watts (Standby), 1.27 watts (Sleep) **Typical Electricity Consumption (TEC) Number:** 0.28 kWh/Week
Software included	HP Printer Software; HP Update; HP Officejet Pro 251dw Printer Help, Bing Bar for HP (includes HP Smart Print); Product Improvement Study for HP Officejet Pro 251dw Printer
Acoustic	**Acoustic Power Emissions:** 6.4 B(A) **Acoustic Pressure Emissions:** 62 dB(A)
Operating Enviroment	**Recommended Operating Temperature:** 59 to 86° F (15 to 30° C) **Operating Temperature Range:** 41 to 104º F (5 to 40º C) **Storage Temperature Range:** -40 to 140º F(-40 to 60º C) **Operating Humidity Range:** 15 to 80% RH **Recommended Operating Humidity Range:** 20 to 80% RH **Non-operating Humidity Range:** Up to 90% RH (non-condensing) at a temperature of 140°F (60°C)
Security Management	SSL/TLS (HTTPS), IPP over TLS; 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP); Pre-Shared Key Authentication for Wireless (PSK); Device firewall configuration; Control panel lock; Password protect EWS; Unused protocol and service disablement; Syslog; Certificate support; Signed firmware; Administrator settings
Accessories	HP Officejet Pro 8100 ePrinter 250-sheet input tray, CQ696A

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