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
Printer Drivers Included	Windows PLC6 Discrete, Mac PS, Windows HP UPD for windows (PLC6,PS), Linux, UNIX, SAP
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/index.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 2003 Terminal Services with Citrix Presentation Server 4.0; Windows Server 2003 Terminal 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 104° F (5 to 40° C) **Storage Temperature Range:** -40 to 140° F(-40 to 60° 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; WPA2-Enterprise; 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
Care Packs	HP 3 year Next Business Day Exchange Service, U6Z97E HP 3 year Next Business Day Onsite Exchange Service, U6Z98E HP 1 year Post Warranty Next Business Day Onsite Exchange Service, U7A00PE HP 1 year Post Warranty Next Business Day Exchange Service, U7A03PE HP Network Install Inkjet/Personal LaserJet Service, H3110E

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

User Guide

HP Officejet Pro 251dw

HP EcoSolutions (HP and the Environment)

HP is committed to helping you optimize your environmental footprint and empowering you to print responsibly—at home or in the office.

For more detailed information about environmental guidelines HP follows during the manufacturing process, see Environmental product stewardship program. For more information about HP's environmental initiatives, visit www.hp.com/ecosolutions.

Manage power

Energy Saving Mode

To conserve electricity, try the following:

*   Turn on the printer's Sleep Mode feature, and then select the option for the shortest time. After the printer has been inactive for this period of time, the printer will go into low-power mode. To configure this feature, touch **eco** (eco button) on the printer's control panel display, touch **Sleep**, and then touch the desired option.
*   Use the printer's Schedule On and Off feature, and then select the days and time you want the printer to turn on and turn off automatically. For example, you can schedule the printer to turn on at 8am and turn off at 8pm from Monday to Friday. In this way, you will save energy during the night and weekends. To configure this feature, touch **eco** (eco button) on the printer's control panel display, touch **Schedule On and Off**, and then set the time to turn on and off the printer.
*   Adjust the screen brightness to a dimmer setting. To configure this feature, touch **eco** (eco button) on the printer's control panel display, touch **Screen Brightness**, and then set the desired option.

📝 **NOTE:** The printer's Sleep Mode and Schedule On and Off features are temporarily not available if one or more of the ink cartridges are missing. After the cartridge is reinstalled, these features resume.

⚠ **CAUTION:** HP recommends that you replace any missing cartridges as soon as possible to avoid print quality issues and possible extra ink usage or damage to the ink system. Never turn off the printer when ink cartridges are missing.

Optimize printing supplies

To optimize printing supplies such as ink and paper, try the following:

*   Recycle used original HP ink cartridges through HP Planet Partners. For more information, visit www.hp.com/recycle.
*   Optimize paper usage by printing on both sides of the paper. If the printer has an HP automatic two-sided printing accessory (duplexer), see Print on both sides (duplexing).
*   Save ink and paper when printing web content with HP Smart Print. For more information, visit www.hp.com/go/smartprint.
*   Change the print mode to a draft setting. The draft setting uses less ink.
*   Do not clean the printhead unnecessarily. This wastes ink and shortens the life of the cartridges.

ENERGY STAR Unique ID	ENERGY STAR Partner	Brand Name	Model Name	Model Number	Available On M	Date Qualified	Markets	Energy Star Model Identifier
2203835	HP Inc.	HP	HP Designet T920ps 36-in ePrinter	CR355A	6/10/2014	6/9/2014	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1024439_CR355A_02112014113336_2644943
2203841	HP Inc.	HP	HP Designet T2500ps 36-in eMultifunction	CR359A	6/10/2014	6/9/2014	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1024439_CR359A_02112014113330_2644943
2211075	HP Inc.	HP	HP Designjet T795 44-in ePrinter	CR649C	5/5/2014	1/1/2014	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1024439_CR649C_05142014033204_70006078
2194477	HP Inc.	HP	HP Officejet 100 Mobile Printer	CN551A	3/1/2011	11/12/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1105798_HEWLETT-PACKARD CO (249506) | CN551A_11132013021219_8739293
2194474	HP Inc.	HP	HP Officejet Pro 276dw Multifunction Printer	CR770A	4/1/2013	11/12/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1105798_HEWLETT-PACKARD CO (249506) | CR770A_11132013021352_8832619
2194473	HP Inc.	HP	HP Officejet Pro 251dw Printer	CV136A	4/1/2013	11/12/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1105798_HEWLETT-PACKARD CO (249506) | CV136A_11132013021336_8816133
2188782	HP Inc.	HP	HP Officejet Pro x451dn	CN459A	1/31/2013	8/7/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1105798_HEWLETT-PACKARD CO (249506) | CN459A_08172013131637_5397005
2188786	HP Inc.	HP	HP Officejet Pro x476dn	CN460A	1/31/2013	8/7/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_1105798_HEWLETT-PACKARD CO (249506) | CN460A_08172013132331_5811832
2199167	Lexmark International, Inc.	Lexmark	C748dte	C748dte	4/19/2012	12/20/2013	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_20290_12202013000000_0005486
2199822	Lexmark International, Inc.	Lexmark	C792dhe	C792dhe	4/1/2009	1/3/2014	United States, Australia, New Zealand, Switzerland, Europe, Taiwan, Japan, Canada	ES_20290_1032014000000_0005491