



# Officejet Pro X551dw Printer

The next generation of printing is here. Print professional-quality color—up to twice the speed<sup>3</sup> and half the cost per page of color lasers,<sup>4</sup>—using HP PageWide Technology. Help workgroups thrive with proactive manageability tools.

**ISO Speeds:**<sup>1</sup> Up to 42 ppm black, Up to 42 ppm color

**HP ePrint Capability:** Yes

**Connectivity:** 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 802.11 b/g/n Station; 802.11 b/g Access Point

**Paper Handling:** 500-sheet input tray, 100-sheet multi-purpose tray, Optional 500 sheet tray, 300-sheet face-down output bin

**Print Languages:** HP PCL5c, HP PCLXL (PCL6), native PDF, HP Postscript Level 3 emulation

**Duty Cycle (monthly):**<sup>2</sup> Up to 75,000 pages



## Up to twice the speed<sup>3</sup> and half the cost<sup>4</sup> of lasers

- Produce quality prints with Original HP inks, and save up to 50% on printing costs versus color lasers.<sup>4</sup>
- Print at record speeds with the world's fastest desktop printer.<sup>5</sup>
- New General Office mode delivers high-quality prints at up to 70 pages per minute<sup>14</sup>.
- Print brilliantly at breakthrough speed with the same HP PageWide Technology found in top-end digital presses.

## Empower workgroups with an easy-to-manage ePrinter

- Proactively manage this device and remotely monitor status with industry-leading tools like HP Web Jetadmin.
- Tap and swipe the 4.3-inch color touchscreen to quickly print and access time-saving business apps.<sup>14</sup>
- Print up to 9,200 pages per cartridge<sup>10</sup> and load up to 1,050 sheets at once with the optional paper tray.<sup>6</sup>
- Depend on HP for reliable workgroup printing—designed for high volumes up to 4,200 pages a month.

## New General Office mode delivers high-quality prints at up to 70 pages per minute<sup>14</sup>

- Print wirelessly, and share access with PCs, tablets, and mobile devices<sup>12</sup>—even with no network or router.<sup>13</sup>
- Print from your smartphone or tablet from virtually anywhere with HP ePrint.<sup>7</sup>
- Add this ePrinter to your office Ethernet network to easily share with your workgroup.
- Walk up and print right away, using the easy-access USB port. Print files directly from your thumb drive.

## Conserve resources without sacrificing performance

- Keep costs in line. This Energy Star<sup>®</sup> qualified device uses up to 50% less energy than color lasers.<sup>8</sup>
- Save up to 50% on paper with automatic two-sided printing, and maintain efficiency at breakthrough speeds.
- Conserve resources, using up to 50% less cartridge and packaging material by weight compared with color lasers<sup>11</sup>
- Reduce your impact—easily recycle your Original HP ink cartridges for free through HP Planet Partners.<sup>9</sup>



<sup>1</sup>Either after first page or after first set of ISO test pages. For details see [www.hp.com/go/printerclaims](http://www.hp.com/go/printerclaims). <sup>2</sup>Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. <sup>3</sup>Comparison based on manufacturers' published specifications of fastest available color mode (as of March 2012) and includes color laser MFPs <\$1000 USD and color laser printers <\$800 USD as of March 2012, based on market share as reported by IDC as of Q1 2012 and HP internal testing of printer in fastest available color mode (sample 4-page category documents tested from ISO 24734). For more information, see [www.hp.com/go/printerspeeds](http://www.hp.com/go/printerspeeds). <sup>4</sup>Cost per page (CPP) claim is based on the majority of color laser MFPs <\$1000 USD and color laser printers <\$800 USD as of March 2012, based on market share as reported by IDC as of Q1 2012. ISO yield is based on continuous printing in default mode. CPP comparisons for laser supplies are based on published specifications of the manufacturers' highest-capacity cartridges. For details, see [hp.com/go/officejet](http://hp.com/go/officejet). CPP based on HP 970XL/971XL ink cartridges' estimated street price. For more information, see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies). <sup>5</sup>Based on published fastest print speeds for all OJ/PX model compared to laser and inkjet color desktop MFPs <\$1000 USD and printers <\$800 USD validated by WirthConsulting.org Jan. 2013. <sup>6</sup>Capacity up to 1,050 sheets with optional 1x500 sheet accessory paper tray not included; please purchase separately. <sup>7</sup>Requires an Internet connection to an 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 [hpconnected.com](http://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. <sup>8</sup>Majority of color laser printers <\$800 USD and color laser MFPs <\$1000 as of August 2012. Energy use based on HP and HP commissioned third-party testing. Actual cost and energy usage may vary. For details, see [www.hp.com/go/officejet](http://www.hp.com/go/officejet). <sup>9</sup>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](http://www.hp.com/recycle). <sup>10</sup>Page volume based on HP 970XL black ink cartridge. <sup>11</sup>Compares weight of empty cartridge and packaging materials needed for 15,000 pages using highest-capacity cartridges of major in-class competitors' color laser MFPs <\$1000 USD and color laser printers <\$800 USD as of October 2012. Tested by Buyers Lab Inc. For details, see [www.hp.com/go/officejet](http://www.hp.com/go/officejet). <sup>12</sup>Wireless performance is dependent upon physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. <sup>13</sup>An app or driver may be required to use HP wireless direct, for more info go to [hpconnected.com](http://hpconnected.com). Wireless performance is dependent upon physical environment and distance from access point. <sup>14</sup>For more information, see [hp.com/go/printerspeeds](http://hp.com/go/printerspeeds).





# Officejet Pro X551dw Printer

## TECHNICAL SPECIFICATIONS

<b>DUPLEX PRINT OPTIONS</b>	Automatic (standard)
<b>PRINT SPEED<sup>1</sup></b>	<b>ISO Speed:</b> Up to 42 ppm black, Up to 42 ppm color; <b>Maximum Print Speed:</b> Up to 70 ppm black, Up to 70 ppm color
<b>FIRST PAGE OUT</b>	<b>Black (ready):</b> As fast as 9.5 sec; <b>Color (ready):</b> As fast as 9.5 sec
<b>PRINT RESOLUTION</b>	<b>Black (best):</b> Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); <b>Color (best):</b> Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
<b>PRINT TECHNOLOGY</b>	HP PageWide Technology with pigmented inks
<b>PRINT CARTRIDGES NUMBER</b>	4 (1 black, cyan, magenta, yellow)
<b>PRINTER SMART SOFTWARE FEATURES</b>	HP ePrint, HP ePrint Mobile Apps, Google Cloud Print, HP EasyColor, print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation/Maximum dpi print modes; <b>Optional:</b> Wireless, front USB
<b>MOBILE PRINTING CAPABILITY</b>	HP ePrint, HP ePrint Mobile Apps, Google Cloud Print, HP ePrint Wireless Direct, Apple AirPrint™
<b>BORDERLESS PRINTING</b>	No
<b>STANDARD PRINT LANGUAGES</b>	HP PCL5c, HP PCLXL (PCL6), native PDF, HP Postscript Level 3 emulation
<b>PRINTER MANAGEMENT</b>	HP Web Jetadmin; Embedded Web Server; HP Driver Configuration Utility; HP Driver Deployment Utility; HP Utility (Mac)
<b>STANDARD CONNECTIVITY</b>	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 802.11 b/g/n Station; 802.11 b/g Access Point
<b>NETWORK CAPABILITIES</b>	Standard (built-in Ethernet and WiFi 802.11b/g/n)
<b>WIRELESS CAPABILITY</b>	Yes
<b>MEMORY</b>	512 MB
<b>PROCESSOR SPEED</b>	792 Mhz
<b>DUTY CYCLE (MONTHLY)<sup>2</sup></b>	Up to 75,000 pages
<b>RECOMMENDED MONTHLY PAGE VOLUME<sup>3</sup></b>	Up to 1,000 to 4,200 pages
<b>PAPER HANDLING</b>	500-sheet input tray, 50-sheet multi-purpose tray, Optional 500 sheet tray, 300-sheet face-down output bin
<b>MEDIA TYPE</b>	Plain paper (light, intermediate, mid-weight, heavy, extra heavy, prepunched, recycled, bond, other inkjet plain paper), photo (glossy, gloss, soft gloss, satin, matte, other inkjet photo), envelopes, labels, cards, specialty papers (glossy brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkjet specialty paper)
<b>MEDIA WEIGHT</b>	<b>Tray 1:</b> 16 to 32 lb (plain paper); 33 to 80 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card) <b>Tray 2:</b> 16 to 32 lb (plain paper); 33 to 66 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card) <b>Tray 3:</b> 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card)
<b>MEDIA SIZES CUSTOM</b>	<b>Tray 1:</b> 3 x 5 in to 8.5 x 14 in; <b>Tray 2:</b> 4.0 x 8.3 in to 8.5 x 11.7 in; <b>Optional Tray 3:</b> 4.0 x 8.3 in to 8.5 x 14 in
<b>DIMENSIONS</b>	<b>W x D x H:</b> 20.3 x 15.7 x 16.3 in (517 x 399 x 414 mm); <b>Max:</b> 26.7 x 26.4 x 17.6 in (678 x 670 x 446 mm) with MP tray down, main tray extended, output tray extension in legal position, control panel rotated to upright position
<b>WEIGHT</b>	37.8 lb (17.1 kg)
<b>WHAT'S IN THE BOX<sup>4</sup></b>	HP Officejet Pro X551dw Printer; HP 970 Setup Black Officejet Pro X Ink Cartridge (~2400 pages); HP 971 Setup Cyan Officejet Pro X Ink Cartridge; HP 971 Setup Magenta Officejet Pro X Ink Cartridge; HP 971 Setup Yellow Officejet Pro X Ink Cartridge (CMY composite ~2500 pages); power cord; setup poster; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide) . [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">hp.com/go/learnaboutsupplies</a> ] APJ - HP Officejet Pro X551dw Printer; HP 970 Setup Black Officejet Pro X Ink Cartridge (~2400 pages); HP 971 Setup Cyan Officejet Pro X Ink Cartridge; HP 971 Setup Magenta Officejet Pro X Ink Cartridge; HP 971 Setup Yellow Officejet Pro X Ink Cartridge (CMY composite ~2500 pages); power cord; ethernet cable; setup poster; Getting Started Guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide) . [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">hp.com/go/learnaboutsupplies</a> ]

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

HP Officejet Pro X551dw Printer Product Number: CV037A  
ENERGY STAR<sup>®</sup> 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 [www.hp.com/go/printerclaims](http://www.hp.com/go/printerclaims). <sup>2</sup>Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. <sup>3</sup>HP recommends that the number of printed pages per month 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>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 [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies). <sup>5</sup>Acoustic values are subject to change. For current information see [hp.com/support](http://hp.com/support). Configuration tested: M575f model, simplex printing, A4 paper at an average of 30 ppm. <sup>6</sup>Power measurements are based on ENERGY STAR<sup>®</sup> TEC test procedure with 230 VAC, 50 Hz input.

<b>REPLACEMENT CARTRIDGES</b>	HP 970 Black Ink Cartridge (~3,000 pages), CN621A HP 971 Cyan Ink Cartridge (~2,500 pages), CN622A HP 971 Magenta Ink Cartridge (~2,500 pages), CN623A HP 971 Yellow Ink Cartridge (~2,500 pages), CN624A HP 970XL Black Ink Cartridge (~9,200 pages), CN625A HP 971XL Cyan Ink Cartridge (~6,600 pages), CN626A HP 971XL Magenta Ink Cartridge (~6,600 pages), CN627A HP 971XL Yellow Ink Cartridge (~6,600 pages), CN628A
<b>WARRANTY FEATURES</b>	One-year, exchange warranty, service and support; one-year technical phone support, chat, and e-mail
<b>COMPATIBLE OPERATING SYSTEMS</b>	Microsoft <sup>®</sup> Windows <sup>®</sup> 7, Windows <sup>®</sup> 8, Windows Vista <sup>®</sup> , Windows XP <sup>®</sup> (SP3, 32-bit), Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux ( <a href="http://www.hplip.net">www.hplip.net</a> ) <b>Compatible Network operating systems:</b> Windows 8, Windows 7, Windows Vista, Windows XP (SP3, 32-bit), Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Windows 2003 Server (Standard Edition, Enterprise Edition, 32-bit & 64-bit), Windows 2003 Server R2 (Standard Edition, Enterprise Edition, 32-bit & 64-bit), Windows Small Business Server 2003 (32-bit & 64-bit), Windows 2008 Server (Standard Edition, Enterprise Edition, 32-bit & 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, Windows Cluster (Windows Server 2008 R2), Windows Terminal Services (Windows Server 2008 R2), Windows 2003 Server Terminal Services with Citrix Metaframe XP with Feature Release 3, Windows Server 2003 Terminal Services with Citrix Presentation Server 4.0/4.5, 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), Linux (For more information, see <a href="http://www.hplip.net">www.hplip.net</a> ), SAP (For more information, see <a href="http://www.hp.com/go/sap/drivers">www.hp.com/go/sap/drivers</a> ), UNIX (For more information, see <a href="http://www.hp.com/go/unixmodelscripts">www.hp.com/go/unixmodelscripts</a> )
<b>MINIMUM SYSTEM REQUIREMENTS</b>	<b>PC:</b> Microsoft <sup>®</sup> Windows <sup>®</sup> 7, Windows <sup>®</sup> 8: 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 <sup>®</sup> : 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 <sup>®</sup> Pentium <sup>®</sup> II, Celeron <sup>®</sup> 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; Linux: For more information, see <a href="http://www.hplip.net">www.hplip.net</a> ; SAP: For more information see <a href="http://www.hp.com/go/sap/drivers">www.hp.com/go/sap/drivers</a> <b>Mac:</b> Mac OS X v10.6, OS X Lion, OS X Mountain Lion; Intel <sup>®</sup> Core <sup>™</sup> Processor; 1 GB available hard disk space; CD-ROM/DVD drive or Internet connection; USB port
<b>CONTROL PANEL</b>	4.3" CGD (color graphics), touchscreen; rotating (adjustable angle) display; 6 buttons (Home, Back, Return, Help, Forward, Cancel); USB 2.0 port
<b>DISPLAY</b>	4.3" CGD (Color Graphic Display), touchscreen
<b>POWER</b>	<b>Power Supply Type:</b> Internal (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> <sup>6</sup> 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) <b>Typical Electricity Consumption (TEC) number:</b> 0.60 kWh/Week
<b>SOFTWARE INCLUDED</b>	Windows Installer and discrete PCL 6 driver; Mac Installer and PS driver; HP Update; HP Participation Study; Bing Toolbar; HP Smart Print
<b>ACOUSTIC</b>	<b>Acoustic Power Emissions:</b> <sup>5</sup> 6.8 B(A) <b>Acoustic Pressure Emissions:</b> 54 dB(A) (black-and-white/color printing), 15 dB(A) (idle)
<b>OPERATING ENVIRONMENT</b>	<b>Recommended Operating Temperature:</b> 59 to 86°F (15 to 30°C) <b>Non-Operating Humidity Range:</b> 5 to 90% RH <b>Operating Humidity Range:</b> 20 to 80% RH <b>Operating Altitude:</b> Up to 10,000 ft (Up to 3048 m) <b>Storage Altitude (Imperial):</b> 15,000 ft
<b>SECURITY MANAGEMENT</b>	Management security: 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; Enable/disable network ports & device features; Syslog; Certificate support; Signed firmware; Administrator settings
<b>ACCESSORIES</b>	HP Officejet Pro X Series 500-sheet Paper Tray, CN595A
<b>HP SERVICES AND SUPPORT OPTIONS</b>	HP 3y NBD Exchange Officejet Pro X451/X551 SVC, U6Z51E HP 3y NBD Onsite Exchange Officejet Pro X451/X551 SVC, U6Z52E HP 1y PW NBD Onsite Exchange Officejet Pro X451/X551 SVC, U6Z55PE HP 1y PW NBD Exchange Officejet Pro X451/X551 SVC, U6Z58PE
<b>ENERGY EFFICIENCY COMPLIANCE</b>	ENERGY STAR <sup>®</sup> , China CEL, China CCC and CCEP, EPEAT <sup>®</sup> Bronze
<b>PRINTER DRIVERS INCLUDED</b>	Windows PLC6 Discrete, Mac PS, Windows HP UPD, Linux, UNIX, SAP