The next generation of printing is here. Print professional-quality color—up to twice the speed\(^1\) and half the cost per page of color lasers,\(^2\)—using HP PageWide Technology. Help workgroups thrive with proactive manageability tools.

**ISO Speeds:** 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, 50-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):** Up to 75,000 pages

**Up to twice the speed** and half the cost of lasers:  
- Produce quality prints with Original HP inks, and save up to 50% on printing costs versus color lasers.\(^6\)  
- Print at record speeds—certified by Guinness World Records as the world’s fastest desktop printer.\(^3\)  
- New General Office mode delivers high-quality prints at top speeds while saving ink, time, and money.  
- 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.\(^4\)  
- Print up to 9,200 pages per cartridge\(^10\) and load up to 1,050 sheets at once with the optional paper tray.\(^5\)  
- Depend on HP for reliable workgroup printing—designed for high volumes up to 4,200 pages a month.

**Connect and print—at the office or on the go**  
- Print wirelessly, and share access with PCs, tablets, and mobile devices\(^11\)—even with no network or router.\(^11\)  
- Print from your smartphone or tablet from virtually anywhere with HP ePrint.\(^7\)  
- 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® qualified device uses up to 50% less energy than color lasers.\(^8\)  
- 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\(^11\)  
- Reduce your impact—easily recycle your Original HP ink cartridges for free through HP Planet Partners.\(^9\)

\(^1\) Either after first page or after first set of ISO test pages. For details see www.hp.com/go/printerspeeds. \(^2\) 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. \(^3\) 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. 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, ISO yield based on continuous printing in default mode based on market share as reported by IDC as of Q1 2012. CPP comparisons for laser supplies are based on published specifications of the manufacturers’ highest-capacity cartridges. CPP based on HP 970XL/971XL ink cartridges estimated street price. For more information, see www.hp.com/go/mediumsizebusinesses. Guinness World Record for fastest time to print 500 sheets by an office color desktop printer, April 2012. Record set on HP X551dw and X556dw models. Details at www.guinnessworldrecords.com. Record supervised and verified by www.wirthconsulting.org. Test documents ISO 24734 from sample 4-page category text file printed in fastest available color mode for all products. Competitive set includes laser and inkjet color desktop MFPs <$1000 USD and printers <$800 USD as of March 2012. Capacity up to 1,300 sheets with optional 1,500-sheet accessory paper tray not included; please purchase separately. \(^4\) 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). 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. \(^5\) Majority of color laser printers <$800 USD and color laser MFPs <$1000 USD 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/officjet. \(^6\) Program availability varies. Original HP cartridge return and recycling is currently available in 41 countries, territories, and regions in Asia, Europe, North and South America through the HP Planet Partners program. For more information, visit www.hp.com/recycle. \(^7\) Page volume based on HP 970XL black ink cartridge. \(^8\) Requires an app or driver may be required to use HP wireless direct, for more info go to hpconnected.com. Wireless performance is dependent upon physical environment and distance from access point. \(^9\) 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, see www.hpconnected.com.
TECHNICAL SPECIFICATIONS

DUPLEX PRINT OPTIONS
Automatic (standard)

PRINT SPEED
155 Speed: Up to 42 ppm black, Up to 42 ppm color; Maximum Print Speed: Up to 70 ppm black, Up to 70 ppm color

FIRST PAGE OUT
Black (ready): As fast as 5.5 sec. Color (ready): As fast as 9.5 sec

PRINT RESOLUTION
Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on unsupplied Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color (best): Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)

PRINT TECHNOLOGY
HP Pagewide Technology with pigmented inks

PRINT CARTRIDGES NUMBER
4 (black, cyan, magenta, yellow)

PRINTER SMART SOFTWARE FEATURES
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; Optional: Wireless, front USB

MOBILE PRINTING CAPABILITY
HP ePrint, HP ePrint Mobile Apps, Google Cloud Print, HP ePrint Wireless Direct, Apple AirPrint®

BORDERLESS PRINTING
No

STANDARD PRINT LANGUAGES
HP PCL5c, HP PCLXL (PCL6), native PDF, HP Postscript Level 3 emulation

PRINT MANAGEMENT
HP Web Jetadmin; Embedded Web Server; HP Driver Configuration Utility; HP Driver Deployment Utility; HP Utility (Mac)

STANDARD 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

NETWORK CAPABILITIES
Standard (built-in-Ethernet and WiFi 802.11b/g/n)

WIRELESS CAPABILITY
Yes

MEMORY
512 MB

PROCESSOR SPEED
792 MHz

DUTY CYCLE (MONTHLY)  1
Up to 75,000 pages

Recommended Monthly Page Volume  1
Up to 1,000 to 4,200 pages

PAPER HANDLING
500-sheet input tray, 500-sheet multi-purpose tray, Optional 500 sheet tray, 300-sheet face-down output bin

MEDIA TYPE
Plain paper (light, intermediate, mid-weight, heavy, extra heavy, pre-punched, 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)

MEDIA WEIGHT
Tray 1: 16 to 32 lb (plain paper), 32 to 60 lb (brochure); 90 to 110 lb (card) Tray 2: 16 to 32 lb (plain paper), 32 to 66 lb (brochure); 90 to 110 lb (card) Tray 3: 16 to 32 lb (plain paper), 32 to 66 lb (brochure); 90 to 110 lb (card)

MEDIA SIZES CUSTOM
Tray 1: 3 x 5 in to 8.5 x 14 in; Tray 2: 4.0 x 8.3 in to 8.5 x 11.7 in; Optional Tray 3: 4.0 x 8.3 in to 8.5 x 11 in

DIMENSIONS
W x D x H: 20.3 x 15.7 x 16.3 in (517 x 399 x 414 mm); Max: 26.7 x 26.4 x 17.6 in (678 x 670 x 446 mm) with MP tray down, main tray extended, As fast as 9.5 sec

WEIGHT
37.8 lb (17.1 kg)

WHAT’S IN THE BOX  2
HP OfficeJet Pro X551dw Printer; HP 970 Setup Black Ink Cartridge; HP 971 Cyan Ink Cartridge; HP 971 Magenta Ink Cartridge; HP 971 Yellow Ink Cartridge; HP 970 Black Ink Cartridge; HP 970 Cyan Ink Cartridge; HP 970 Magenta Ink Cartridge; HP 970 Yellow Ink Cartridge; HP 971 Cyan Ink Cartridge; HP 971 Magenta Ink Cartridge; HP 971 Yellow Ink Cartridge; HP 970 Black Ink Cartridge; HP 970 Cyan Ink Cartridge; HP 970 Magenta Ink Cartridge; HP 970 Yellow Ink Cartridge; HP 971 Cyan Ink Cartridge; HP 971 Magenta Ink Cartridge; HP 971 Yellow Ink Cartridge; HP 970 Black Ink Cartridge; HP 970 Cyan Ink Cartridge; HP 970 Magenta Ink Cartridge; HP 970 Yellow Ink Cartridge; HP 971 Cyan Ink Cartridge; HP 971 Magenta Ink Cartridge; HP 971 Yellow Ink Cartridge

WARRANTY FEATURES
One-year, exchange warranty, service and support; one-year technical phone support, chat, and e-mail

COMPATIBLE OPERATING SYSTEMS
Microsoft® Windows®, Windows Vista®, Windows XP® (32-bit, 64-bit), Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (www.hp.com/go/sap/drivers), UNIX (For more information, see www.hp.com/go/unixmodelscripts)

MINIMUM SYSTEM REQUIREMENTS
PC: Microsoft® Windows®, Windows® 7, Windows® 8.1 32-bit (x86) or 64-bit (x64) processor, 2 GHz hard disk space, CD-ROM (or DVD) drive or internet connection, USB port, Internet Explorer: Windows® Vista®; 800 MHz 32-bit (x86) or 64-bit (x64) processor, 2 GHz hard disk space, CD-ROM (or DVD) drive or internet connection, USB port, Internet Explorer 6 or higher; Linux: For more information, see www.hp.com/go/sap/drivers

POWER
Power Supply Type: Universal (built-in) Universal Power Supply Power Supply required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) Power Consumption  6 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) Typical Electricity Consumption (TEC) number: 0.60 kWh

SOFTWARE INCLUDED
Windows Installer and discrete PCL & driver; Mac installer and PS driver; HP Update; HP Participation Study; Bing Toolbar; HP Smart Print

ACOUSTIC
Acoustic Power Emissions:  6.8 BIA

PAPER HANDLING
Recommended Operating Temperature: 59 to 86°F (15 to 30°C) Operating Humidity Range: 5 to 90% RH Operating Altitude: Up to 10,000 ft (Up to 3048 m)

SECURITY MANAGEMENT
Management security: SSL/TLS (HTTPS), IPP over TLS; 802.1x wireless authentication (EAP-FAST, 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

ACCESSORIES
HP Officejet Pro X Series 500-sheet paper tray, C8555A

HP SERVICES AND SUPPORT OPTIONS
HP 3y NBD Onsite 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, U6Z54E HP 1y PW NBD Exchange Officejet Pro X451/X551 SVC, U6Z5BE

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

© Copyright 2013 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. Windows is a registered trademark of Microsoft Corporation. AirPrint, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Linus is a U.S. registered trademark of Linus Torvalds. UNIX is a registered trademark of The Open Group. NetWare is a trademark of Novell, Inc. Pentium and Celeron are trademarks of Intel Corporation in the U.S. and/or other countries. January 2013