

Brochure



Get record-breaking print speed

HP Officejet Pro X476/X576 colour MFP series
HP Officejet Pro X451/X551 colour printer series



Transform your business with next-generation printing

Who can benefit?

The HP Officejet Pro X series is ideal for busy professionals in small to medium-sized work teams who need:

- Quality desktop colour printing
- Blazing-fast desktop print speeds
- Low operating costs
- Eco-conscious design



World's fastest desktop printer

This game-changing product has been certified by Guinness World Records® as the world's fastest desktop colour printer.¹ This is due to single-pass printing, made possible by HP PageWide technology.

Forget everything you thought you knew about desktop printing. The HP Officejet Pro X series is not just a new line of printers and MFPs, it's a fresh new office experience – engineered by HP from the ground up. In a fast-paced business world, you need an MFP or printer designed not just to keep up, but to set the pace. You'll be amazed at the host of thoughtful features we've included. And the star of the show: lightning-fast print speeds, made possible by the revolutionary HP PageWide technology – the same type of print technology found in the top-end HP Inkjet Web Press.

Take your team to the next level

In the world of office desktop printing, you have traditionally had the choice of ink versus laser. If you needed fast, professional-quality office prints with low costs per page for workgroups, conventional wisdom pointed to laser. If you were looking for an economical personal printer, or one that would be shared with just a few people, you'd most likely choose ink.

But with the HP Officejet Pro X series, that story has changed. Now you can enjoy the best of both the traditional ink and laser worlds, with some key advantages that no other desktop printer on the market can match.²

It all starts with HP PageWide technology. For years, we've used this print system in our top-end digital presses. Now, for the first time, you can get all the benefits of this proven technology in a desktop office printer. The secret is a stationary printhead that spans the entire width of the paper, enabling exceptionally reliable, single-pass printing at blazing-fast speeds.

In fact, this world record-breaking product delivers vivid colour at up to twice the speed of colour lasers³ – up to 70 pages per minute.⁴ And, unlike laser printers, there's no fuser to warm up, so the first page prints fast, as quickly as 9.5 seconds.

Make your wish list – chances are, this device can do that

Speed is just the beginning. You'll be blown away by the many things this compact, quiet device can help you do. Whether you need a smart, web-connected printer or a feature rich multifunction product (MFP), the HP Officejet Pro X series was specifically designed from the ground up to meet the needs of busy professionals. You may even discover some features you didn't know you needed!

To top it all off, operating costs are extremely low. You can save up to 50% on printing costs versus colour lasers.⁵ And an energy-saving design means you can conserve resources without sacrificing performance.

Up to
70 PPM
 in general office mode, for
 quick turnarounds⁴



Do more with copy, scan and fax features

Choose the HP Officejet Pro X MFP series for the ultimate in office convenience:

- Load documents for copying or scanning and walk away with the MFP's 50-sheet automatic document feeder
- Scan documents direct to network folders or email with digital sending
- Automatically adjust skewed copies and crop unwanted areas using HP Copy Fix
- Save incoming faxes on the network or personal computer with HP Digital Fax

Get up to twice the speed,³ up to half the cost of colour lasers⁵

Print vivid colour at breakthrough speeds – no meeting is too last-minute. Compared to traditional ink or laser, the benefits of the HP Officejet Pro X series are clear:

- General Office mode delivers up to 70 pages per minute in black or colour⁴ – that's up to twice the speed of colour lasers.³
- When HP PageWide technology is teamed up with our pigment-based ink cartridges, the result is a winning combination of laser-equivalent colour prints at up to half the cost per page versus colour lasers.⁵
- Unlike traditional dye-based inks, you won't have to worry about smeared documents. Prints are dry right from the output bin, with no waiting time. They're highlighter-friendly and even stand up to spills or raindrops.⁶
- Pigment-based ink offers better durability over the life of documents. You can archive with confidence – fade-resistant prints maintain quality for decades, with archive standard ISO 11798 certification.⁷

Empower workgroups with an easy-to-manage device

The bright 4.3-in (10.9-cm) colour touchscreen lets you complete many common tasks without walking back and forth from your computer.⁸ Plus the control panel includes an easy access USB port. You can print documents or photos directly from your thumb drive or scan files directly to your drive with the HP Officejet Pro X MFPs.



4.3-inch (10.9-cm) touchscreen colour display

This intuitive interface gives you quick access to time-saving business apps. These are special applications available exclusively to HP web-enabled printing devices. Choose from a growing library of business apps that can help with everything from organising your schedule to promoting your business.⁹

You can manage your printer or MFP with the HP Embedded Web Server or our other helpful management tools: HP Web Jetadmin and the HP Universal Print Driver (download for free at hp.com/go/webjetadmin and hp.com/go/upd). If you're interested in HP Managed Print Services, these devices are also qualified for pay-per-click contracts. Built-in security features help prevent tampering with device settings and help protect your sensitive data.

Stay productive – at the office or on the go

Create the crucial connection between your business and your documents.

- Print from virtually anywhere using a smartphone or tablet with HP ePrint.¹⁰
- Connect and share this device on your Ethernet or wireless network (WiFi on dw models only).¹¹
- Minimise interruptions – print up to 9,200 pages per cartridge¹² and load up to 1,050 sheets at once.¹³ And, unlike many laser products, there are no imaging drums, transfer belts or other parts to replace.
- Get reliable high-volume printing with a duty cycle¹⁴ of up to 75,000 pages a month/4,200 recommended¹⁵ (up to 50,000/2,800 for X451dn/dw and X476dn/dw).

Choose the HP Officejet Pro X printer or MFP that's the right fit for your office

HP Officejet Pro X printer series

	X451dn printer	X451dw printer	X551dw printer
Part number	CN459A	CN463A	CV037A
Print speed ⁴	Up to 55 ppm	Up to 55 ppm	Up to 70 ppm
Duty cycle ¹⁴	Up to 50,000	Up to 50,000	Up to 75,000
RMPV ¹⁵	500 to 2,800	500 to 2,800	750 to 4,200
Control panel	2 inch (5.1 cm) mono graphic display	2 inch (5.1 cm) mono graphic display	4.3 inch (10.9 cm) colour touchscreen
Networking	Fast Ethernet	Fast Ethernet, 802.11b/g/n wireless	Fast Ethernet, 802.11b/g/n wireless

HP Officejet Pro X MFP series

	X476dn MFP	X476dw MFP	X576dw MFP
Part number	CN460A	CN461A	CN598A
Print speed ⁴	Up to 55 ppm	Up to 55 ppm	Up to 70 ppm
Duty cycle ¹⁴	Up to 50,000	Up to 50,000	Up to 75,000
RMPV ¹⁵	500 to 2,800	500 to 2,800	750 to 4,200
Control panel	4.3 inch (10.9 cm) colour touchscreen	4.3 inch (10.9 cm) colour touchscreen	4.3 inch (10.9 cm) colour touchscreen
Networking	Fast Ethernet	Fast Ethernet, 802.11b/g/n wireless	Fast Ethernet, 802.11b/g/n wireless

Reduce your impact without sacrificing performance

Thanks to revolutionary HP PageWide technology, this ENERGY STAR® qualified device uses up to 50% less energy than colour lasers while maintaining print speeds up to twice as fast.^{3,16} Power usage drops significantly while in Ready or Sleep mode, which can help save resources and money without affecting the high performance of this product.

With built-in automatic two-sided printing, you can use up to 50% less paper. HP Smart Print, available as a free download, also helps conserve resources by letting you organise web content before you print – so you can stop getting the extra pages and content you don't need. The result is that excess pages are typically reduced by as much as 25% when printing from the Internet.¹⁷

Our print cartridges use up to 50% less cartridge and packaging material by weight as compared with colour lasers.¹⁸ Plus you can easily recycle your Original HP cartridges for free through HP Planet Partners.¹⁹

www.hp.co.uk/officejetprox

¹ Guinness World Records® record set on HP X551dw and X576dw models for fastest time to print 500 sheets by an office colour desktop printer, 6 Apr 2012; supervised and verified by wirthconsulting.org. Test documents ISO 24734 from sample four-page category test file printed in fastest colour mode for all products. Competitive set includes laser and inkjet colour desktop MFPs <£800 and printers <£650, Mar 2012. Details at guinnessworldrecords.com.

² Based on 2012 HP-commissioned InfoTrends analysis of HP Officejet Pro X series and competing laser single and multifunction devices as of November 2012. Prices and specifications subject to change.

³ Comparison based on manufacturer's published specs of fastest available colour mode as of Mar 2012. Includes colour laser MFPs <£850 and colour lasers <£650 available Mar 2012 based on market share by IDC Q1 2012 and HP testing in fastest colour mode. Test file ISO 24734 from sample four-page category. For more info: hp.com/go/printerclaims.

⁴ Either after first page or after first set of ISO test pages. For details, see hp.com/go/printerclaims.

⁵ Cost per page (CPP) claim is based on the majority of colour laser MFPs <£800 and colour laser printers <£650 excluding VAT 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' cartridges with similar available capacities. CPP based on HP 970XL/971XL ink cartridges' estimated street price. Note that actual prices may vary. Actual yields may vary based on printer used, images printed and other factors. For more information, see www.hp.com/go/learnaboutsupplies.

⁶ Water resistance based on HP internal testing, using paper with the ColourLok® logo.

⁷ Testing performed in accordance with ISO 11798:2000 information and documentation, conducted by SP Technical Research Institute of Sweden, November 2012. For more information, see h41112.www4.hp.com/certifications/se/sv.

⁸ Not available on the X451dn/dw models. These models include a 2-inch (5.1-cm) mono graphic display control panel.

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, hp.com/go/eprintcenter.

¹⁰ 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 hp.com/go/eprintcenter). 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.

¹¹ Wireless performance is dependent upon physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.

¹² Black page volume based on HP 970XL Black Ink Cartridge. Colour page volume based on HP 971XL Cyan, Magenta or Yellow Ink Cartridges.

¹³ Capacity up to 1,050 sheets with optional 1x 500-sheet accessory paper tray, not included; please purchase separately.

¹⁴ 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 Colour LaserJet devices and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

¹⁵ Recommended Monthly Page Volume: 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.

¹⁶ Compares majority of colour laser printers <£650 and colour laser MFPs <£800 as of August 2012. Energy use based on HP and third-party testing commissioned by HP. Actual cost and energy usage may vary. For details, see www.hp.com/go/officejet.

¹⁷ An independent study commissioned by HP with Mozilla Firefox 14.0.1, Internet Explorer 9 and Google Chrome 21.0.1180.79. Study compared paper consumption using HP Smart Print with a web browser's print command when printing typical content from the Internet.

¹⁸ Compares weight of empty cartridge and packaging materials needed for 15,000 pages using highest-capacity cartridges of major in-class competitors' colour laser MFPs <£800 and colour laser printers <£650 as of October 2012. Tested by Buyers Lab Inc. For details, see hp.com/go/officejet.

¹⁹ Programme 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 programme. For more information, visit hp.com/recycle.

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