



The next generation of printing is here. Print professional-quality color—up to twice the speed³ and half the cost per page of color lasers,⁴—using HP PageWide Technology. Help workgroups thrive with proactive manageability tools.

ISO Speeds: 1 Up to 36 ppm black, Up to 36 ppm color

HP ePrint Capability: Yes

Connectivity: 1 Hi-Speed USB 2.0 Host, 1 Hi-Speed USB 2.0 Device, 1 Ethernet 10/100

Base-TX network

Paper Handling: 500-sheet input tray, 50-sheet multi-purpose tray, Optional 500 sheet

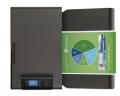
tray, 300-sheet face-down output bin

Print Languages: HP PCL 5c, HP PCL XL (PCL 6), native PDF, HP Postscript Level 3

emulation

Duty Cycle (monthly):2 Up to 50,000 pages









Up to twice the speed³ and half the cost per page⁴ of color lasers

- Produce quality prints with Original HP inks, and save up to 50% on printing costs versus color lasers.⁴
- New General Office mode delivers high-quality prints at up to 55 page per minute.⁵
- Print brilliantly at breakthrough speed with the same HP PageWide Technology found in top-end digital presses.
- Depend on HP for reliable workgroup printing—designed for high volumes up to 4,000 pages a month.

Empower workgroups with an easy-to-manage ePrinter

- Proactively manage this device and remotely monitor status with industry-leading tools like HP Web Jetadmin.
- Simplify printing tasks with an easy-to-use control panel and graphic display.
- Print up to 9,200 pages per cartridge¹⁰ and load up to 1,050 sheets at once with the optional paper tray.⁶
- Help protect your investment and extend capabilities as your needs grow with a portfolio of solutions.¹²

Connect and print - at the office or on the go⁷

- 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.

Conserve resources without sacrificing performance

- Keep costs in line. This Energy Star® qualified device uses up to 50% less energy than color lasers.®
- 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 lasers¹¹
- Reduce your impact—easily recycle your Original HP ink cartridges for free through HP Planet Partners.⁹

1SO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see hp.com/go/printerclaims. 2Duty 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, 3Comparison based on manufacturers published specifications of fastest available color mode (as of August 2013) and includes color laser MFPs < \$1000 USD and color laser printers < \$800 USD available August 2013 based on market share as reported by IDC as of Q2 2013 and HP internal testing of printer in fastest available color mode (sample 4-page category documents tested from ISO 24734). For more information, see http://www.hp.com/go/printerclaims. *Cost per page (CPP) claim is based on the majority of color laser MFPs < \$1000 USD and color laser printers < \$800 USD as of August 2013, based on market share as reported by IDC 02 2013, CPP comparisons for laser supplies are based on published specifications of the manufacturers' highest capacity cartridges, HP Officejet Pro X CPP based on HP 970XL/971XL ink cartridges estimated street price, published yield for color prints and continuous printing in default mode. Actual prices may vary. Actual yields may vary based on printer, images printed and other factors. For more information, see http://www.hp.com/go/learnaboutsupplies. For more information, see http://www.hp.com/go/printerspeeds. Capacity up to 1050 sheets with optional 1x500 sheet accessory paper tray not included; please purchase separately. Requires an internet connection to an HP ePrint-enabled printer, Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4 GHz operations only. Print times and connection speeds may vary. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. Learn more at http://www.hp.com/go/mobileprinting. *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 http://www.hp.com/go/officeiet. \$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 http://www.hp.com/recycle. 19 page volume based on HP 970XL black ink cartridge. 11 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 http://www.hp.com/go/officejet. 12Additional workflow solutions available through HP's software and third-party partner program. For solution details, go to http://www.hp.com/go/gsc 13Additional workflow solutions available through HP's software and third-party partner program. For solution details, go to http://www.hp.com/go/gsc.





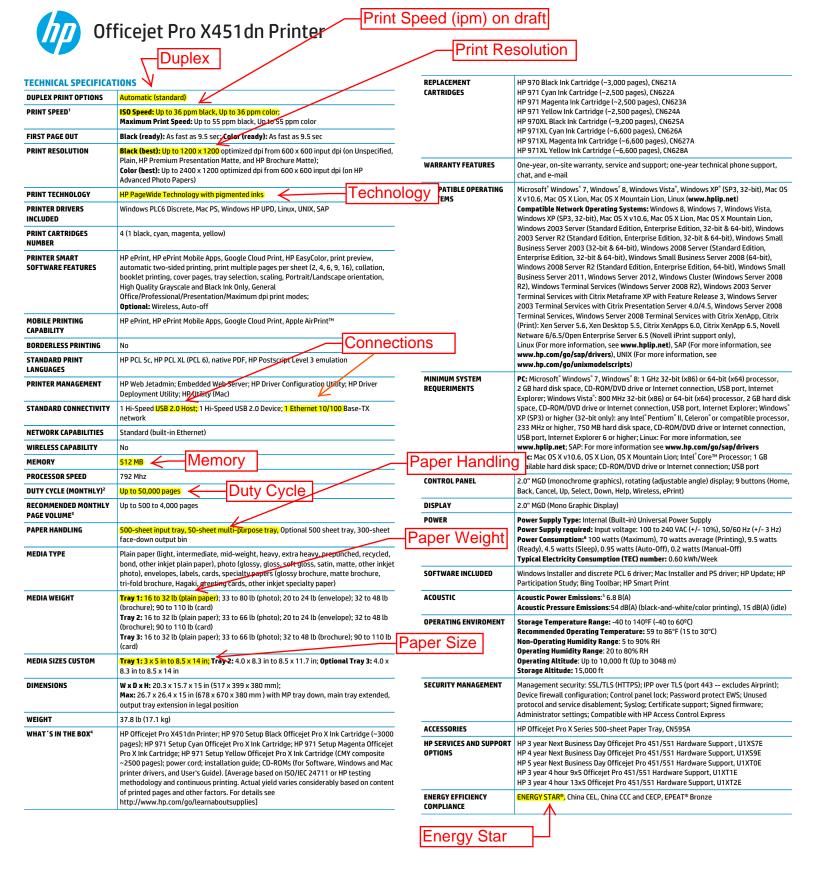












FOR MORE INFORMATION VISIT OUR WEBSITE AT WWW.HP.COM

HP Officejet Pro X451dn Printer Product Number: CN459A

ENERGY STAR® qualified models; see http://www.hp.com/go/energystar

'Either after first page or after first set of ISO test pages. For details see www.hp.com/go/printerclaims. '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. '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. '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. 'Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: M575f model, simplex printing, A4 paper at an average of 30 ppm. 'Power measurements are based on ENERGY STAR' TEC test procedure with 230 VAC, 50 Hz input.

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User Guide





HP OFFICEJET PRO X451 HP OFFICEJET PRO X551

Environmental features

Duplex printing	Automatic duplex printing is available with the Officejet Pro X451 and Officejet Pro X551. Duplex printing saves the environment and saves you money.
Print multiple pages per sheet	Save paper by printing two or more pages of a document side-by-side on one sheet of paper. Access this feature through the printer driver.
Recycling	Reduce waste by using recycled paper.
Mode	Recycle ink cartridges by using the HP Planet Partners return process.
Energy savings	Sleep modes and timer options enable this product to quickly go into reduced power states when not printing, thus saving energy.
	Print multiple pages per sheet Recycling Mode

NOTE: Additional energy savings may be realized by turning off the printer if it will not be used for more than four hours.

Accessibility features

The product includes several features that aid users with limited vision, hearing, dexterity or strength.

- Online user guide that is compatible with text screen-readers.
- Ink cartridges can be installed and removed using one hand.
- All doors and covers can be opened using one hand.