

Selection guide

Choose the right device



HP Officejet Pro X and Enterprise X series



Keep productivity high with print speeds up to twice as fast and at half the cost per page of color lasers.^{4,5}



Top features

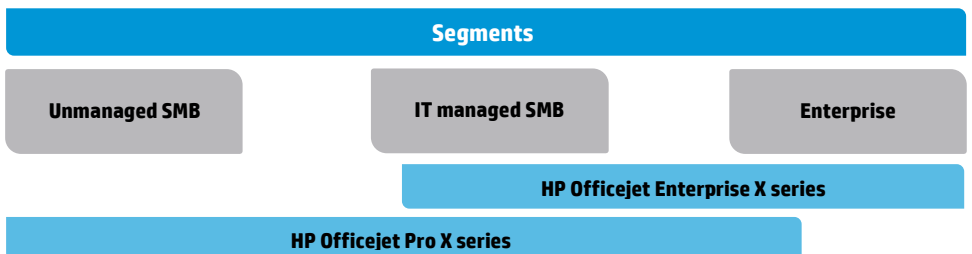
Keep productivity high for workgroups of up to 15 people with print speeds up to 72 pages per minute (ppm) in General Office mode.¹ Pigment inks provide permanence, water fastness,² and impressive print quality—while energy efficiency helps to reduce your environmental footprint. Confidently tackle large print jobs without stopping to reload—these printers and MFPs have a maximum paper capacity of up to 1,050 sheets.³ Choose the HP Officejet Enterprise Color Flow MFP X585z for advanced workflow features like super-fast scanning and an integrated keyboard for smooth data entry.

Make no compromise. Powered by HP PageWide Technology, the HP Officejet Pro X and Enterprise X Color printer and MFP series perform like lasers, but cost half as much. With a low cost per page, exceptional manageability and extensibility, these devices are ready for business.

HP PageWide Technology—changing the game in printing

Revolutionary HP PageWide Technology and fast drying HP all-pigment inks are the secrets behind the exceptional speed, reliability, and energy-saving features of these devices:

- **Blazing-fast speeds:** the printhead spans the entire width of the paper, enabling quick, single-pass printing.
- **Reduced environmental impact:** the HP Officejet Enterprise X devices require up to 84% less power while printing⁶ and up to 90% less cartridge and packaging material by weight than competitive devices.⁷ The HP Officejet Pro X devices require up to 50% less power while printing⁸ and up to 50% less cartridge and packaging material by weight than competitive devices.⁹
- **Proven technology:** these devices feature the same printing technology included in the top-end HP Inkjet Web Press, with a track record of success. In fact, 60 billion pages have been printed using HP PageWide Technology.¹⁰
- **Legendary reliability:** these devices meet or exceed HP LaserJet reliability testing standards. They perform continuous self diagnosis and calibration for optimized speed and print quality at any given moment.



HP Officejet Pro Color MFP X576 series
















HP Officejet Enterprise Color MFP X585 series

Comparing HP Officejet Pro X MFPs to Enterprise X MFPs













	HP Officejet Pro Color MFP X576 series	HP Officejet Enterprise Color MFP X585 series
Product highlights	<ul style="list-style-type: none"> Lowest total cost of ownership (TCO) at common distributed enterprise volumes (relative to the HP OJ Enterprise X series)¹¹ Now offering onsite replaceable parts with service packs 	<ul style="list-style-type: none"> Lowest TCO at common enterprise volumes (relative to the HP OJ Pro X series)¹¹ Full onsite serviceability (including print mechanism)
Customer design center	SMB/Distributed Enterprise	Full Enterprise
Display size	4.3-inch (10.9 cm) color touchscreen	Adjustable 8-inch (20.3 cm) color SVGA touchscreen
Scan/ADF life	Up to 50,000 pages	X585dn/f: Up to 350,000 pages X585z: Up to 1.5 million pages
Flow MFP features	N/A	X585z: Pull-out keyboard, HP EveryPage, save to Microsoft® SharePoint/OCR, single-pass dual-sided scanning
Extensibility	Open Extensibility Platform (OXP) Pro, USB Proximity Card support	Full OXP, FutureSmart Firmware, Hardware Integration Pocket
Solution support	See hp.com/go/qsc	Full solution support—150+
Connectivity	Wireless, wired Ethernet 10/100BaseTX networking	Wireless, wired Gigabit Ethernet 10/100/1000BaseT networking
Mobile printing	HP wireless direct, optional: NFC touch-to-print	Optional: HP wireless direct and NFC touch-to-print
Security	Essential fleet security	Advanced Enterprise security
Management	Essential HP Web Jetadmin ¹² management	Advanced HP Web Jetadmin ¹² management
Cartridge page yield¹³	Standard capacity: Black: Up to 3,000 pages, CMY: Up to 2,500 pages High-capacity: Black: Up to 9,200 pages, CMY: Up to 6,600 pages	Black: Up to 10,000 pages CMY: Up to 6,600 pages

Recommendation guide—business color MFPs and printers

HP color MFPs

	Environments that need essential management features		Essential manageability, security and solutions for remote or branch offices		Advanced security, solutions, and remote management for IT managed environments, as well as multifunction features for high volume and highly accurate scanning	
	Faster print speed and lower CPP	Best color saturation and glossiness on all paper types	Faster print speed and lower CPP	Best color saturation and glossiness on all paper types	Faster print speed and lower CPP	Best color saturation and glossiness on all paper types
1-3 users RMPV (Recommended monthly print volume): ¹⁴ 250 to 2,000	 <p>HP Officejet Pro 8610 Up to 19 ppm black / 14.5 ppm color¹</p>					
1-5 users RMPV: ¹⁴ 250 to 2,500	 <p>HP Officejet Pro 8620/8630 Up to 21 ppm black / 16.5 ppm color¹</p>	 <p>HP LaserJet Pro M276n/nw Up to 14 ppm black/color¹</p>	 <p>HP Officejet Pro 276 Up to 20 ppm black / 16 ppm color¹</p>			
3-10 users RMPV: ¹⁴ 500 to 4,000			 <p>HP Officejet Pro X476 Up to 36 ppm Professional, up to 55 ppm General Office black/color¹</p>	 <p>HP LaserJet Pro M476 Up to 21 ppm black / 20 ppm color¹</p>	 <p>HP LaserJet M575dn/M575f Up to 31 ppm black/color¹</p>	
5-15 users RMPV: ¹⁴ 1,000 to 6,000			 <p>HP Officejet Pro X576 Up to 42 ppm Professional, up to 70 ppm General Office black/color¹</p>	 <p>HP LaserJet Pro M570 Up to 31 ppm black/color¹</p>	 <p>HP Officejet Enterprise X585 Up to 44 ppm Professional, up to 72 ppm General Office black/color¹</p>	 <p>HP LaserJet flow M575c Up to 31 ppm black/color¹</p>
10-30 users RMPV: ¹⁴ 3,000 to 20,000					 <p>HP LaserJet M680 Up to 45 ppm black/color¹</p>	
					 <p>HP LaserJet flow M680z Up to 45 ppm black/color¹</p>	

HP color printers

	Environments that need essential management features		Essential manageability, security, and solutions for remote or branch offices		Advanced security, solutions, and remote management for IT managed environments	
	Faster print speed and lower CPP	Best color saturation and glossiness on all paper types	Faster print speed and lower CPP	Best color saturation and glossiness on all paper types	Faster print speed and lower CPP	Best color saturation and glossiness on all paper types
1-5 users RMPV: ¹⁴ 250 to 2,500	 HP Officejet Pro 8100 Up to 20 ppm black / 16 ppm color ¹	 HP LaserJet Pro M251 Up to 14 ppm black/color ¹	 HP Officejet Pro 251 Up to 20 ppm black / 15 ppm color ¹			
3-10 users RMPV: ¹⁴ 500 to 4,000			 HP Officejet Pro X451 Up to 36 ppm Professional, up to 55 ppm General Office black/color ¹	 HP LaserJet Pro M351 Up to 19 ppm black/color ¹		
				 HP LaserJet Pro M451 Up to 21 ppm black/color ¹		
5-15 users RMPV: ¹⁴ 1,000 to 6,000			 HP Officejet Pro X551 Up to 42 ppm Professional, up to 70 ppm General Office black/color ¹		 HP Officejet Enterprise X555 Up to 44 ppm Professional, up to 72 ppm General Office black/color ¹	 HP LaserJet Enterprise M551 Up to 33 ppm black/color ¹
10-30 users RMPV: ¹⁴ 3,000 to 20,000						 HP LaserJet Enterprise CP4025n Up to 35 ppm black/color ¹
						 HP LaserJet Enterprise CP4525n Up to 40 ppm black/color ¹
						 HP LaserJet Enterprise M651 Up to 45 ppm black/color ¹

MFP comparison—HP Officejet Enterprise X, LaserJet Enterprise, and Officejet Pro X

	HP Officejet Enterprise Color MFP X585 series	HP LaserJet Enterprise 500 Color MFP M575 series	HP Officejet Pro Color MFP X476/X576 series
Pricing/supplies¹⁵			
Street price, Base	\$1,999 (X585dn)	\$2,299 (M575dn)	\$649 (X476dn)
Street price, Mid	\$2,299 (X585f)	\$2,699 (M575f)	\$699 (X476dw)
Street price, High	\$2,799 (X585z)	\$3,199 (M575c)	\$799 (X576dw)
Supplies pricing (black/CMY high-yield cartridges) ¹⁶	\$110 / \$97	\$192 / \$205	\$120 / \$120
Maximum cartridge yields, black/CMY ¹³	10,000 / 6,600 pages	11,000 / 6,000 pages	9,200 / 6,600 pages
In-box cartridge yields, black/CMY ¹⁷	7,800 / 3,400 pages	5,500 / 6,000 pages	3,000 / 2,500 pages
Printer features			
Print speed, letter (black/color) ¹	ISO: Up to 44 ppm; General office: Up to 72 ppm	Up to 31 ppm	X476: ISO: Up to 36 ppm; General Office: Up to 55 ppm X576: ISO: Up to 42 ppm; General Office: Up to 70 ppm
Duplex print speed, letter (black/color) ¹	Up to 22 ppm	Up to 29 ppm	Up to 21 ppm
Print resolution	600 x 600 dpi	600 x 600 dpi	600 x 600 dpi
Memory	1.8 GB	1.8 GB	768 MB
Security	Advanced	Advanced	Essential
WJA/UPD Support	Advanced	Advanced	Essential
Solutions/Extensibility (OXP)	Enterprise	Enterprise	Pro
Color Access Control	Yes	Yes	Yes
Control panel	8-inch capacitive color	8-inch capacitive color	4.3-inch color resistive
Encrypted Hard Drive	320 GB	250 GB	No
Onsite serviceable	Yes	Yes	Yes
Multi-use color mode (Accent color)	Yes	No	No
FutureSmart Firmware	Yes	Yes	No
Hardware Integration Pocket	Yes	Yes	Optional with purchase of proximity card accessory
Flow bundle with keyboard	Yes	Yes	No
Usage/life			
AMPV (average monthly print volume)	2,250	2,000	1,250
RMPV ¹⁴	2,000 to 6,000	2,000 to 6,000	X476: 500 to 4,000 X576: 1,000 to 6,000
Recommended user numbers	5 to 15	5 to 15	X476: 3 to 10 X576: 5 to 15
Duty cycle ¹⁸	Up to 80,000	Up to 75,000	X476: Up to 50,000 X576: Up to 80,000
First page out (from Ready mode after 60-minute sleep)	9.5 seconds	9.5 seconds	9.5 seconds

	HP Officejet Enterprise Color MFP X585 series	HP LaserJet Enterprise 500 Color MFP M575 series	HP Officejet Pro Color MFP X476/X576 series
Power			
Printing	67 watts	655 watts	100 watts peak, 70 watts average
Standing	34 watts	52 watts	10 watts
Sleep mode (WLAN on)	9 watts	11.3 watts	4.8 watts
Deep sleep mode	0.35 watts	0.99 watts	1.00 watts
TEC (Typical Electricity Consumption)	2.06 kWh/week	4.60 kWh/week	0.6 kWh/week
Scan/ADF			
Scanner input capacity	X585dn/f: 50 sheets X585z: 100 sheets	M575dn/f: 50 sheets M575c: 100 sheets	50 sheets
Copy speed, letter (black and color) ¹⁹	Up to 42 ppm	Up to 31 ppm	X476: Up to 36 ppm X576: Up to 42 ppm
Scan speed, simplex, letter	X585dn/f: Black and color: Up to 44 ipm (images per minute) X585z: Black: Up to 65 ipm; Color: Up to 63 ipm	M575dn/f: Black and color: Up to 32 ipm M575c: Black: Up to 42 ipm; Color: Up to 32 ipm	Black: Up to 20 ipm Color: Up to 15 ipm
Scan speed, duplex, letter	X585dn/f: Black and color: Up to 18 ipm X585z: Black: Up to 89 ipm; Color: Up to 66 ipm	M575dn/f: Black and color: Up to 15 ipm M575c: Black: Up to 52 ipm; Color: Up to 31 ipm	Black: Up to 8 ipm; Color: Up to 7 ipm
Scanner/ADF life	X585dn/f: Up to 350,000 pages X585z: Up to 1.5 million pages	M575dn/f: Up to 350,000 pages M575c: Up to 1.5 million pages	Up to 50,000 pages

Notes

¹ Either after first page or after first set of ISO test pages. For details, see hp.com/go/printerclaims.

² Fade resistance based on paper industry predictions for acid-free papers and Original HP inks; colorant stability data at room temperature based on similar systems tested per ISO 11798 and ISO 18909. Water resistance based on HP internal testing, using paper with the ColorLok® logo.

³ 1,050-sheet input capacity with optional 500-sheet tray not included; purchase separately (included standard with the HP Officejet Enterprise Color X555xh model).

⁴ Comparison based on manufacturers' published specifications of fastest available color mode (as of August 2013 for Officejet Pro X; as of December 2013 for Officejet Enterprise X series). **Officejet Pro X series:** Includes color laser MFPs <\$1,000 USD and color laser printers <\$800 USD available August 2013 based on market share as reported by IDC as of Q2 2013. **Officejet Enterprise X series:** Includes color laser MFPs ≤\$3,000 USD and color laser printers ≤\$1,200 USD based on market share as reported by IDC as of Q3 2013. Based on HP internal testing of printer in fastest available color mode (sample 4-page category documents tested from ISO 24734). For more information, see hp.com/go/printerclaims.

⁵ **Officejet Pro X series:** based on the majority of color laser MFPs <\$1,000 USD and color laser printers <\$800 USD as of August 2013 based on market share as reported by IDC Q2 2013. **Officejet Enterprise X series:** based on the majority of color laser MFPs ≤\$3,000 USD and color laser printers ≤\$1,200 USD as of December 2013, based on market share reported by IDC as of Q3 2013. Cost per page (CPP) comparisons for laser supplies are based on published specifications of the manufacturers' highest capacity cartridges. For details, see hp.com/go/Officejet. CPP based on high-capacity HP 970XL/971XL (Officejet Pro X series) and HP 980 (Officejet Enterprise X series) ink cartridges' estimated street price, page yield and continuous printing in default mode. Actual prices may vary. For more information, see hp.com/go/learnaboutsupplies.

⁶ Based on internal research. HP Officejet Enterprise series requires up to 80 watts to print. The weighted average for competing devices is 508 watts. Energy use based on HP and HP commissioned third-party testing. Actual cost and energy usage may vary.

⁷ 90% less cartridge and packaging material by weight: Compared with the majority of color laser MFPs ≤\$3,000 USD based on market share as reported by IDC as of Q3 2013. Calculation compares weight of supplies and cartridge packaging needed for similar amount of pages based on ISO yield and continuous printing.

⁸ Majority of color laser printers <\$800 USD and color laser MFPs <\$1000 as of May 2014. Energy use based on HP testing. Actual cost and energy usage may vary. For details, see hp.com/go/Officejet.

⁹ 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 <\$1,000 USD and color laser printers <\$800 USD as of October 2012. Tested by Buyers Lab Inc. For more information hp.com/go/Officejet.

¹⁰ HP internal research on devices with Page Wide Array Mar 4, 2014: Based on usage on the HP CM8060/8050 Color MFP, the HP Inkjet Web Press portfolio T200/T300/T400, HP Officejet Pro X MFP and other printers with HP PageWide Technology totaling over 60 billion pages printed.

¹¹ Based on HP internal testing.

¹² HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin.

¹³ Page volume based on HP 980 Black Original Ink Cartridge and HP 970XL and 971XL high-capacity cartridges. 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 hp.com/go/learnaboutsupplies.

¹⁴ HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

¹⁵ Estimated street prices. Actual prices may vary.

¹⁶ Supplies pricing listed for optional high-capacity cartridges. Must be purchased separately. For details, see hp.com/go/learnaboutsupplies.

¹⁷ Page volume based on HP 980 Black Original Ink Cartridge. 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 hp.com/go/learnaboutsupplies.

¹⁸ Duty cycle is defined as the maximum number of pages per month of imaged output.

¹⁹ ISO Speeds measured using ISO/IEC 29183. For details, see hp.com/go/printerclaims.

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