

# HP Officejet Enterprise Color MFP X585 series



An HP Officejet for the enterprise—up to twice the speed and half the cost per page of lasers.<sup>1,2</sup>

A printing revolution for business. HP Officejet Enterprise MFPs deliver color prints at up to twice the speed and half the cost per page of color lasers plus copy, scan, and fax.<sup>1,2,8</sup> They're designed for advanced workflow—and built to last.



HP Officejet Enterprise Color MFP X585dn



HP Officejet Enterprise Color MFP X585f



HP Officejet Enterprise Color Flow MFP X585z

## Faster than lasers—for less<sup>1,2</sup>

- Quality color, up to half the cost. Spend up to 50% less per page compared with color lasers.<sup>2</sup>
- Accelerate business printing and keep productivity high—print up to twice as fast as lasers.<sup>1</sup>
- Rely on pigment inks for durable documents that are water-, fade-, and smear-resistant.<sup>5</sup>
- Designed for speed—enable full-page-width printing at high speeds with HP PageWide Technology.

## Fully loaded for the enterprise

- Be confident that sensitive business data is protected with advanced security solutions.
- Centrally monitor and control your printers with HP Web Jetadmin.<sup>6</sup>
- Deploy new features through upgradable firmware and add solutions to expand the capabilities of this MFP.
- Enable optional wireless direct printing and NFC touch-to-print technology—no need to access the network.<sup>3,4</sup>

## Performance you can rely on

- High volume, high value—get exceptional value from Original HP high-capacity black ink cartridges.<sup>10</sup>
- Up to the task—choose a robust MFP designed for demanding, high-volume workloads.
- Rely on longevity—this MFP is designed for less maintenance, with minimal consumable parts.
- Loaded for productivity—tackle large print jobs with a paper capacity of up to 1,050 sheets.<sup>7</sup>

## Make workflow faster

- Worry-free scanning—capture every page and detect potential misfeeds before they slow you down.<sup>9</sup>
- Finish faster—scan in a single pass and send documents to network folders, email, and more.<sup>11</sup>
- Manage jobs directly at the MFP, using the 8-inch (20.3 cm) color touchscreen with image preview.
- Fast, accurate input—enter data more quickly and accurately using the pull-out keyboard.<sup>9</sup>

<sup>1</sup> Comparison based on manufacturers' published specifications of fastest-available color mode (as of December 2013) and includes color laser MFPs ≤\$3,000 USD, based on market share as reported by IDC as of Q3 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 [hp.com/go/printerspeeds](http://hp.com/go/printerspeeds). <sup>2</sup> Cost-per-page (CPP) claim is based on the majority of color laser MFPs ≤\$3,000 USD as of December 2013, based on market share as reported by IDC as of Q3 2013. 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 980 ink cartridges' estimated street price. For more information, see [hp.com/go/learnabouthsupplies](http://hp.com/go/learnabouthsupplies). <sup>3</sup> Wireless direct printing requires purchase of optional module. Mobile device needs to be connected directly to the Wi-Fi network of a wireless-direct-capable MFP prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP. For details, see [hp.com/go/wirelessprinting](http://hp.com/go/wirelessprinting). <sup>4</sup> Touch-to-print capability requires purchase of optional module. Mobile device must support near field communications-enabled printing. For a list of supported devices, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting). <sup>5</sup> Display-permanence rating by Wilhelm Imaging Research, Inc., or HP Image Permanence Lab. For details, see [hp.com/go/printpermanence](http://hp.com/go/printpermanence). <sup>6</sup> Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher. HP Web Jetadmin is free and available for download at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin). <sup>7</sup> Additional purchase of an optional paper tray is required. <sup>8</sup> Fax functionality is only available on the HP Officejet Enterprise Color Flow MFP X585z, and <sup>9</sup> HP Officejet Enterprise Color MFP X585f. <sup>9</sup> HP EveryPage and integrated keyboard are available only on the HP Officejet Enterprise Color Flow MFP X585z. <sup>10</sup> Page volume based on HP 980 Black Original Ink Cartridge. <sup>11</sup> Single-pass dual-sided scanning is only available on the HP Officejet Enterprise Color Flow MFP X585z.

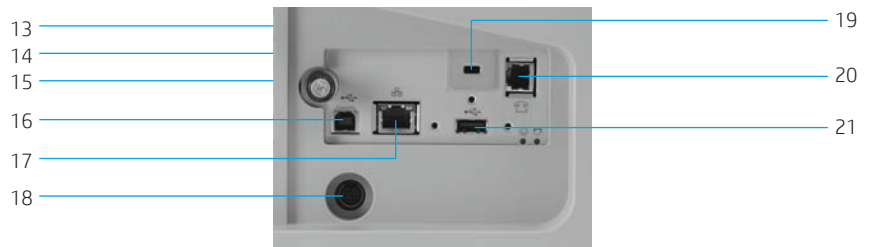
## Product walkaround

- 1 Intuitive 8-inch (20.3 cm) HP Easy Select pivoting touchscreen color control panel
- 2 Hardware integration pocket for solution integration
- 3 Easy access USB port to save and print files directly
- 4 Pull-out keyboard for easy, accurate data entry (z bundle only)
- 5 Front door allows convenient access to easy to replace ink cartridges
- 6 50-sheet multipurpose tray with long paper extension
- 7 Integrated automatic two-sided printing
- 8 Power On/Off button
- 9 100-sheet automatic document feeder with single-pass, two-sided scanning and HP EveryPage with ultrasonic double-feed detection<sup>1</sup>
- 10 Platen glass color scanner handles up to legal size (216 by 356 mm)
- 11 300-sheet output bin with long paper extension
- 12 500-sheet input tray 2
- 13 796 MHz processor, 1.75 GB RAM
- 14 320 GB HP High-Performance Secure Hard Disk
- 15 Two internal host USB 2.0 type ports for third-party solutions
- 16 Hi-Speed USB 2.0 printing port
- 17 HP Jetdirect Gigabit Ethernet print server
- 18 Foreign interface harness (for connecting external devices)
- 19 Access port for optional Kensington-style lock
- 20 Fax port, RJ-11
- 21 Hi-Speed USB 2.0 port for connecting third-party devices

HP Officejet Enterprise Color Flow MFP X585z shown



Front view



Back I/O panel close-up

## Series at a glance



Model	HP Officejet Enterprise Color MFP X585dn	HP Officejet Enterprise Color MFP X585f	HP Officejet Enterprise Color Flow MFP X585z
<b>Part number</b>	B5L04A	B5L05A	B5L06A
<b>ADF input capacity</b>	Up to 50 sheets	Up to 50 sheets	Up to 100 sheets
<b>HP EveryPage ultrasonic double-feed detection</b>	Not available	Not available	✓
<b>Two-sided scanning</b>	Reversing ADF	Reversing ADF	Single-pass duplexing ADF
<b>OCR (optical character recognition)</b>	Optional with HP DSS	Optional with HP DSS	✓
<b>Large pull-out keyboard</b>	Not available	Not available	✓
<b>Fax</b>	Optional	✓	✓

<sup>1</sup> Available only on HP Officejet Enterprise Color Flow MFP X585z.

## HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

HP Care Pack Services provide comprehensive suite of protection services designed to keep HP Hardware software up and running so employees can stay productive.

Choose from:

**Next Business Day Onsite Repair:** Makes an HP technician available at customer's premise the next business day, if the issue cannot be resolved remotely.

**Same Day Onsite - 4 hour 9x5 and 13x5:** Sends an HP technician to customer's site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

**Next Business Day Onsite with Defective Media Retention:** Customers can retain their hard disk drive and keep control of sensitive data.

For care pack availability visit:  
[hp.com/go/cpc](http://hp.com/go/cpc)



## Top Features

Keep productivity high while keeping your bottom line in mind. These powerful HP MFPs deliver color documents at up to twice the speed and half the cost per page of color lasers.<sup>1,2</sup> Proven HP PageWide Technology makes it possible.

Designed for the demands of business, this MFP delivers the enterprise features you need. Make it easy on IT, with advanced security and management solutions, easy upgrades and mobile printing options.

Bolster your fleet with an MFP that goes the distance. Load large projects and let it handle the job while employees move on with business. Like an HP LaserJet, this MFP is built to last.

Give your office powerful productivity with all the features of lasers. Count on super-fast, dual-sided scanning, a color touchscreen with image preview, and an integrated keyboard for smooth data entry.

### Accessories

B5L07A	HP Officejet Enterprise 500-sheet paper tray
B5L08A	HP Officejet Enterprise Printer Cabinet & Stand
J8026A	HP Jetdirect 2700w USB Wireless Print Server
J8029A	HP NFC/Wireless Direct Accessory
CC487A	HP MFP Analog Fax Accessory 500
L2718A	HP 100 ADF Roller Replacement Kit
B5L09A	HP Officejet Ink Collection Unit

### Supplies<sup>1</sup>

D8J07A	HP 980 Cyan Original Ink Cartridge (6,600 pages)
D8J08A	HP 980 Magenta Original Ink Cartridge (6,600 pages)
D8J09A	HP 980 Yellow Original Ink Cartridge (6,600 pages)
D8J10A	HP 980 Black Original Ink Cartridge (10,000 pages)

### Services

U1PB8E	HP 2-year Next business day Color Officejet X585 MFP Hardware Support
U1PB9E	HP 3-year Next business day Color Officejet X585 MFP Hardware Support
U1PC0E	HP 4-year Next business day Color Officejet X585 MFP Hardware Support
U1PC1E	HP 5-year Next business day Color Officejet X585 MFP Hardware Support
U1PC2E	HP 3-year 4 hour 9 x 5 Color Officejet X585 MFP Hardware Support
U1PC4E	HP 4-year 4 hour 9 x 5 Color Officejet X585 MFP Hardware Support
U1PC6E	HP 5-year 4 hour 9 x 5 Color Officejet X585 MFP Hardware Support
U1PC8E	HP 3-year Next business day+Defective Media Retention Color Officejet X585 MFP Support
U1PC9E	HP 4-year Next business day+Defective Media Retention Color Officejet X585 MFP Support
U1PD0E	HP 5-year Next business day+Defective Media Retention Color Officejet X585 MFP Support
U1PE0PE	HP 1-year Post Warranty Next business day Color Officejet X585 MFP Hardware Support
U1PE1PE	HP 2-year Post Warranty Next business day Color Officejet X585 MFP Hardware Support
U1PE2PE	HP 1-year Post Warranty 4 hour 9 x 5 Color Officejet X585 MFP HW Support
U1PE3PE	HP 1-year Post Warranty 4 hour 13 x 5 Color Officejet X585 MFP HW Support
U1PE4PE	HP 1-year Post Warranty Next business day+Defective Media Retention Color Officejet X585 MFP Support
U1PE5PE	HP 1-year Post Warranty Channel Partner only Remote and Parts Color Officejet X585 MFP Support
U1PE6PE	HP 1-year PW Next business day Call to Repair with Defective Media Retention Color Officejet X585 MFP Support
U1PE7PE	HP 1-year PW 2nd Business day Call to Repair with Defective Media Retention Color Officejet X585 MFP Support

<sup>1</sup> Average color composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies)

# HP Officejet Enterprise Color MFP X585 series

Technical specifications	HP Officejet Enterprise Color MFP X585dn (B5L04A)	HP Officejet Enterprise Color MFP X585f (B5L05A)	HP Officejet Enterprise Color Flow MFP X585z (B5L06A)
<b>AIO functions</b>	Print, scan, and copy; <b>AIO multitasking supported:</b> Yes	Print, scan, copy and fax; <b>AIO multitasking supported:</b> Yes	Print, scan, copy and fax; <b>AIO multitasking supported:</b> Yes
<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 44 ppm color; <b>Maximum, letter:</b> Up to 75 ppm black, Up to 75 ppm color		
<b>First page out</b>	<b>Black (ready):</b> As fast as 8 sec; <b>Color (ready):</b> As fast as 8 sec		
<b>Print resolution</b>	<b>Black (best):</b> Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on ColorLok <sup>®</sup> , 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>	1 each (black, cyan, magenta, yellow)		
<b>Mobile printing capability<sup>2</sup></b>	HP ePrint, Apple AirPrint™		
<b>Standard print languages</b>	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP Postscript Level 3 emulation, native PDF printing (v 1.4)		
<b>Printer smart software features</b>	HP ePrint, Apple AirPrint™, Open Extensibility Platform, FutureSmart Firmware, HP Auto-On/Auto-Off, print preview, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, job separator		
<b>Printer management</b>	HP Web Jetadmin; HP Utility (Mac)		
<b>Scan type/technology</b>	<b>Type:</b> Flatbed, ADF; <b>Technology:</b> Charge Coupled Device (CCD)		
<b>Scan speed</b>	<b>Normal, letter:</b> Up to 44 ipm (b&w); up to 44 ipm (color); <b>Duplex:</b> Up to 16 ipm (b&w), up to 16 ipm (color)		Up to 65 ipm (b&w); up to 63 ipm (color) <b>Duplex:</b> Up to 89 ipm (b&w), up to 66 ipm (color)
<b>Scan resolution</b>	<b>Enhanced:</b> Up to 600 dpi; <b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi		
<b>Scan file format</b>	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A		PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, Text (OCR), Unicode Text (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR)
<b>Scan input modes</b>	Front panel applications: Copy, E-mail, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (OXP) applications		Front panel applications: Copy, E-mail, Save to Network Folder, Save to SharePoint, Save to USB, Save to Device Memory, Open Extensibility Platform (OXP) applications
<b>Scan size maximum</b>	<b>Flatbed:</b> 8.5 x 14 in (216 x 356 mm)		
<b>Scanner advanced features</b>	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets		
<b>Bit depth/Grayscale levels</b>	<b>Bit Depth:</b> 24-bit; <b>Grayscale:</b> 256		
<b>Copy speed<sup>3</sup></b>	<b>ISO speed:</b> Up to 44 ppm black & color		
<b>Copy resolution</b>	<b>Black (text and graphics):</b> Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF); <b>Color (text and graphics):</b> Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)		
<b>Max. no. of copies</b>	Up to 9,999 copies		
<b>Copier resize</b>	25 to 400%		
<b>Copier settings</b>	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage		
<b>Fax speed</b>	Not applicable		3 sec per page
<b>Fax resolution</b>	Not applicable		<b>Black (standard):</b> 203 x 98 dpi; <b>Black and White (fine):</b> 204 x 196 dpi; <b>Black Photo Grayscale:</b> Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)
<b>Fax features</b>	Not applicable		<b>Auto fax reduction supported:</b> Yes; <b>Auto-Retrieving:</b> Yes; <b>Fax delayed sending:</b> No; <b>Distinctive ring detection supported:</b> No; <b>Fax forwarding supported:</b> Yes; <b>Junk barrier supported:</b> Yes; <b>Maximum speed dialing numbers:</b> Up to 9,999 numbers; <b>PC interface supported:</b> Yes
<b>Standard connectivity</b>	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Foreign Interface; 1 Hardware Integration Pocket; 2 Internal USB Host		2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Foreign Interface; 1 Hardware Integration Pocket; 2 Internal USB Host; 1 Fax modem port
<b>Network capabilities</b>	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard); 802.11b/g/n wireless networking (optional)		
<b>Wireless capability</b>	Optional, enabled with purchase of a hardware accessory		
<b>Memory</b>	1792 MB (system memory)		
<b>Processor speed</b>	796 MHz		
<b>Duty cycle (monthly)<sup>4</sup></b>	Up to 75,000 pages; <b>Recommended monthly page volume:</b> 2,000 to 6,000 pages		
<b>Paper handling</b>	500-sheet input tray, 50-sheet multi-purpose tray		
<b>Input</b>	300-sheet face-down output bin		
<b>Output</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 type</b>	60 to 120 g/m <sup>2</sup> (plain paper); 125 to 300 g/m <sup>2</sup> (photo); 75 to 90 g/m <sup>2</sup> (envelope); 120 to 180 g/m <sup>2</sup> (brochure); 163 to 200 g/m <sup>2</sup> (card)		
<b>Media weight</b>	Standard, 50 sheets		
<b>Media sizes custom</b>	Standard, 100 sheets		
<b>ADF capacity</b>	Standard, 50 sheets		
<b>Dimensions (W x D x H)</b>	21 x 21.5 x 22.6 in (533 x 546 x 574 mm); <b>Max:</b> 31.5 x 26.4 x 23.8 in (800 x 670 x 604 mm) with MP tray down and extended, main tray extended, output tray extension in legal position		
<b>Weight</b>	80 lb (36.3 kg)		
<b>What's in the box<sup>6</sup></b>	HP Officejet Enterprise Color X585dn MFP; Introductory HP Officejet Black, Cyan, Yellow, Magenta print cartridges (Black: ~7,800 pages, Color: ~3,400 pages); Hardware Install Guide; Warranty card; Software and electronic documentation on CD-ROM; Power cord	HP Officejet Enterprise Color X585f MFP; Introductory HP Officejet Black, Cyan, Yellow, Magenta print cartridges (Black: ~7,800 pages, Color: ~3,400 pages); Hardware Install Guide; Warranty card; Software and electronic documentation on CD-ROM; Power cord	HP Officejet Enterprise Color X585z MFP; Introductory HP Officejet Black, Cyan, Yellow, Magenta print cartridges (Black: ~7,800 pages, Color: ~3,400 pages); Hardware Install Guide; Warranty card; Software and electronic documentation on CD-ROM; Power cord
<b>Warranty features</b>	One-year, onsite warranty; one-year technical phone support, chat, and e-mail		
<b>Energy efficiency compliance</b>	Blue Angel, ENERGY STAR <sup>®</sup> qualified, EPEAT <sup>®</sup> Silver		
<b>Compatible operating systems</b>	Windows XP (SP3 or greater) (32-bit & 64-bit); Windows Vista (32-bit & 64-bit); Windows 7 (32-bit & 64-bit); Windows 8 (32-bit & 64-bit); Windows 8.1; Windows Server 2003 (SP2 or greater) (32-bit & 64-bit); Windows Server 2008 (32-bit & 64-bit); Windows Server 2008 R2 (64-bit); Windows Server 2012 (64-bit); Mac OS X v10.6, OS X v10.7 Lion, OS X v10.8 Mountain Lion. For the latest operating system support see: AirPrint support.apple.com/kb/ht4356; Android: Citrix and Windows Terminal Services (hp.com/go/upsd); HP ePrint Software Driver hp.com/go/eprintssoftware; Linux (hplip.net); Novell (novell.com/print); SAP device types hp.com/go/sap/drivers; SAP Print hp.com/go/sap/print); UNIX hp.com/go/UNIX; UNIX JetDirect hp.com/go/jetdirectunix_software		
<b>Compatible network operating systems</b>	HP-UX 10.20, 11.x, 11.1; IBM AIX 3.2.5 or higher; Mac OS X v 10.6, OS X v 10.7 Lion, OS X v 10.8 Mountain Lion; Windows 2000; MPE-iX; Citrix MetaFrame Server; Novell 5.1 or higher; Red Hat Linux 7.x or higher; Solaris 2.5 or higher (SPARC systems only); SuSE Linux 8.x or higher; Windows 2003 (SP2+) (64-bit); Windows Server 2003 (SP2+); Windows Terminal Services; Windows Vista (32-bit & 64-bit); Windows Vista Ready; Windows XP (SP3+) (64-bit); Windows XP (SP3+) Home; Windows XP (SP3+) Home; Windows XP (SP3+) Professional; Windows XP (SP3+) Professional and Windows Vista; Windows 7 (SP1) or greater (32-bit and 64-bit); Windows 8 (32-bit and 64-bit); Windows Server 2008 XP (32-bit and 64-bit); Windows Server 2008 R2 (64-bit); Windows Server 2012 (64-bit); For Microsoft IPv6 compatibility use Windows 2003, Windows XP Home, Windows XP Professional and Windows Vista		
<b>Minimum system requirements</b>	<b>PC:</b> Windows 8; Windows Vista; Windows 7 (SP1+); Windows Server 2003 (SP1+); Windows Server 2008; Windows Server 2008 R2 (64-bit); Windows Server 2012 (64-bit); Windows XP (SP2+); CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; 200 MB available hard disk space; Operating system compatible hardware system requirements see microsoft.com; <b>Mac:</b> Mac OS X v10.6, OS X 10.7 Lion, OS X 10.8 Mountain Lion; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; 1 GB of available hard-disk space; Operating system compatible hardware system requirements see apple.com		
<b>Environmental ranges</b>	<b>Operating temperature range:</b> 59 to 86° F (15 to 30° C); <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>Recommended operating humidity range:</b> 20 to 60% RH; <b>Operating altitude:</b> Up to 10,000 ft (Up to 3048 m); <b>Storage Altitude (Imperial):</b> 4572 m		
<b>Acoustic</b>	<b>Acoustic power emissions:</b> 6.7 B(A); <b>Acoustic power emissions (active, copy):</b> 7.1 B (A); <b>Acoustic pressure emissions:</b> 53 dB(A) (printing at 43 ppm)		
<b>Power</b>	<b>Power supply type:</b> Internal (Built-in) power supply; <b>Power supply required:</b> Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); <b>Power consumption:</b> 67 watts (Printing), 34 watts (Ready), 9 watts (Sleep), 0.35 watts (Manual-Off), 0.35 watts (Auto-Off/Manual-On), 1.7 watts (Auto-Off/Wake on LAN, disabled in default shipping configuration)		
<b>Display</b>	8.0" (20.3 cm) touchscreen, SVGA LCD (color graphics)		
<b>Software included</b>	HP PCL 6 Discrete Printer Driver; Mac Software Link to Web (Mac Installer); Windows Installer		
<b>Fonts and typefaces</b>	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards, HP LaserJet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts		
<b>Security management</b>	Management security: SNMPv3, SSL/TLS, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in		

<sup>1</sup> ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see [hp.com/go/printerclaims](http://hp.com/go/printerclaims) <sup>2</sup> Requires an internet connection to the printer. Feature works with any connected Internet- and email-capable device. Requires HP Web Services Account Registration. Print times may vary. For a list of supported documents, and image types, see [hp.com/go/eprintcenter](http://hp.com/go/eprintcenter). And for additional solutions, see [hp.com/go/mobile-printing-solutions](http://hp.com/go/mobile-printing-solutions). Supports the following devices running iOS 4.2 or later: iPad<sup>®</sup>, iPad<sup>®</sup> 2, iPhone<sup>®</sup> (3GS or later), iPod touch<sup>®</sup> (3rd generation or later). Works with HP's AirPrint™ enabled printers and requires the printer be connected to the same network as your iOS device. Wireless performance is dependent upon physical environment and distance from the access point. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. <sup>3</sup> First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>4</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>5</sup> 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. <sup>6</sup> Average color composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies) <sup>7</sup> Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

## To learn more, visit [hp.com](http://hp.com)

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