HP Officejet Enterprise Color X585 Multifunction Printer series



Enterprise-ready —twice the speed and half the cost per page of lasers12.

A printing revolution for your enterprise. HP Officejet MFPs deliver colour prints at up to twice the speed and half the cost per page of colour lasers – plus copy, scan and fax¹²³. They're designed for advanced workflow – and built to last.



HP Officejet Enterprise Color X585dn Multifunction Printer



HP Officejet Enterprise Color Flow X585z MFP with optional paper tray and cabinet/stand









Twice the speed and half the cost of lasers^{1,2}.

- Quality colour, up to half the cost. Spend up to 50% less per page compared with colour lasers².
- Accelerate business printing and keep productivity high print up to twice as fast as lasers¹.
- Rely on pigment inks for durable documents that are water-, fade- and smear-resistant⁴.
- Designed for speed enable full-page-width printing at high speeds with HP PageWide Technology.

A fully loaded printer for the enterprise

- Be confident that sensitive business data is protected with advanced security solutions.
- Centrally monitor and control your printers with HP Web Jetadmin⁵.
- 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 network⁶,⁷.

Performance you can rely on

- High volume, high value get exceptional value from Original HP high-capacity black ink cartridges[®].
- 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 sheets⁹.

Make workflow faster

- Worry-free scanning capture every page and detect potential misfeeds before they slow you down¹⁰.
- Finish faster scan in a single pass and send documents to network folders, email and more¹¹.
- Manage jobs directly at the MFP, using the 20.3 cm (8 inch) colour touchscreen with image preview.
- Fast, accurate input enter data more quickly and accurately using the pull-out keyboard¹⁰.

Product walkaround

HP Officejet Enterprise Color Flow MFP X585z bundle shown:

- 1. Intuitive 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 (X585z model 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 (X585z model only)
- 10. Plate 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
- 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





Series at a glance







Model	HP Officejet Enterprise Color X585dn Multifunction Printer	HP Officejet Enterprise Color X585f Multifunction Printer	HP Officejet Enterprise Color Flow X585z Multifunction Printer
Product number	B5L04A	B5L05A	B5L06A
Analog fax	Optional	Yes	Yes
Automatic two-sided printing	Yes	Yes	Yes
50-sheet multipurpose tray 1	Yes	Yes	Yes
500-sheet tray 2	Yes	Yes	Yes
500-sheet tray 3	Optional	Optional	Optional
Product stand with cabinet	Optional	Optional	Optional
ENERGY STAR [®] qualified	Yes	Yes	Yes
320 GB HP Secure High Performance Hard Disk	Yes	Yes	Yes
Flow MFP Capabilities (such as: Hard keyboard, HP Every Page Precission Feed, Heavy Duty Scanner, OCR)	Not available	Not available	Yes
black/colour (A4)	black/colour (A4)	black/colour (A4)	black/colour (A4)
black/colour duplex (A4)	black/colour duplex (A4)	black/colour duplex (A4)	black/colour duplex (A4)

black/colour (A4)	black/colour (A4)	black/colour (A4)	black/colour (A4)
black/colour duplex (A4)	black/colour duplex (A4)	black/colour duplex (A4)	black/colour duplex (A4)
black/colour (A4, general office/draft)	black/colour (A4, general office/draft)	black/colour (A4, general office/draft)	black/colour (A4, general office/draft)

What's in the box



HP Officejet Enterprise Color X585dn Multifunction Printer (B5L04A)

HP Officejet Enterprise Color MFP X585dn; Introductory HP OfficeJet Black, Cyan, Yellow and Magenta Print Cartridges (black: ~7800 pages, colour: ~3400 pages); Hardware install guide; Warranty card; Software and electronic documentation on CD-ROM; Power cord



HP Officejet Enterprise Color X585f Multifunction Printer (B5L05A)

HP Officejet Enterprise Color MFP X585f; Introductory HP OfficeJet Black, Cyan, Yellow, Magenta print cartridges (Black: ~7800 pages, Colour: ~3400 pages); Hardware Install Guide; Warranty card; Software and electronic documentation on CD-ROM; Power cord; Fax, Fax cable



HP Officejet Enterprise Color Flow X585z Multifunction Printer (B5L06A)

HP Officejet Enterprise Color Flow MFP X585z; Introductory HP OfficeJet Black, Cyan, Yellow and Magenta Print Cartridges (black: ~7800 pages, colour: ~3400 pages); Hardware install guide; Warranty card; Software and electronic documentation on CD-ROM; Power cord; Fax, Fax cable

Accessories, Supplies and Support

Accessories	A7W13A HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland		
	B5L07A HP Officejet Enterprise 500-Sheet Input Tray		
	B5L08A HP Officejet Enterprise Printer Cabinet and Stand		
	B5L09A HP Officejet Enterprise Ink Collection Unit		
	CC487A HP LaserJet MFP Analog Fax Accessory 500		
	L2718A HP 100 ADF Roller Replacement Kit		
Connectivity	J8021A HP Jetdirect ew2500 802.11b/g Wireless Print Server		
	J8026A HP Jetdirect 2700w USB Wireless Print Server*		
	J8029A HP Jetdirect 2800w NFC/Wireless Direct Accessory*		
Supplies	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		
Service and support	 U1PB9E - HP 3 year Next Business Day Color Officejet X585 Multifunction printer Hardware Support U1PC0E - HP 4 year Next Business Day Color Officejet X585 Multifunction printer Hardware Support U1PC1E - HP 5 year Next Business Day Color Officejet X585 Multifunction printer Hardware Support U1PC2E - HP 3 year 4 hour 9x5 Color Officejet X585 Multifunction printer Hardware Support U1PC2E - HP 3 year 4 hour 9x5 Color Officejet X585 Multifunction printer Hardware Support U1PE0PE - HP 1 year Post Warranty Next Business Day Color Officejet X585 Multifunction printer Hardware Support U1PE1PE - HP 2 year Post Warranty Next Business Day Color Officejet X585 Multifunction printer Hardware Support U1PE2PE - HP 1 year Post Warranty A hour 9x5 Color Officejet X585 Multifunction printer Hardware Support U1PE2PE, please check availability at country level. 		

*HP Jetdirect 2700w and HP Jetdirect 2800w cannot be installed at the same time.

Technical specifications

Model	HP Officejet Enterprise Color X585dn Multifunction Printer	HP Officejet Enterprise Color X585f Multifunction Printer	HP Officejet Enterprise Color Flow X585z Multifunction Printer
Product number	B5L04A	B5L05A	B5L06A
Print technology	HP PageWide Technology with pigmented inks		
Control Panel	20.3 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket	20.3 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket	20.3 cm Colour Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended keyboard
Fonts and typefaces	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 http://www.hp.com/go/laserjetfonts		
Processor speed	796 MHz		
Memory	1792 MB (system memory)		
Print speed	Up to 42 ppm ISO black/colour (A4); Up to 22 ipm black/colour duplex (A4); Up to 70 ppm black/colour (A4, general office/draft); Up to 38 ipm black/colour duplex (A4, general office/draft) general office/draft) ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see http://www.hp.com/go/printerclaims		
First page out time	As fast as 8 sec black (A4, ready); As fast as 8 sec colour	r (A4, ready)	
Duplex printing	Automatic (standard)		
Monthly duty cycle	Up to 80,000 pages (A4); Recommended monthly page	volume: 2000 to 6000	
Print area	Print margins: Top: 4.2 mm; Bottom: 4.2 mm; Left: 4.2 r	nm; Right: 4.2 mm; Maximum print area: 201.6 x 347.1 mm	
Print resolution	Up to 1200 x 1200 optimised dpi (when printing from a computer on HP ColorLok paper, HP Premium Inkjet Presentation Paper Matte, and HP Inkjet Brochure Paper Matte and 600 x 600 input dpi black; Up to 2400 x 1200 optimised dpi (when printing from a computer on HP Advanced Photo Papers and 600 x 600 input dpi colour		
Print languages	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from th	e Web only), HP Postscript Level 3 emulation, native PDF prin	ting (v 1.4)
Auto document feeder capacity	Standard, 50 sheets	Standard, 50 sheets	Standard, 100 sheets
Copy speed	Up to 44 cpm ISO black, Up to 44 cpm ISO colour		
Copier settings	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; Maximum number of copies: Up to 9999 copies: Copy resolution: Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)		
Scanner specifications	Scanner type: Flatbed, ADF; Scan technology: Charge Co	oupled Device (CCD); Scan size maximum (flatbed, ADF): 216 >	356 mm; Optical scan resolution: Up to 600 dpi
Scan speed	Up to 41 ppm (black & white); up to 41 ppm (colour); duplex: Up to 16 ipm (black & white), up to 16 ipm (colour)	Up to 41 ppm (black & white); up to 41 ppm (colour); duplex: Up to 16 ipm (black & white), up to 16 ipm (colour)	Up to 61 ppm (black & white); up to 59 ppm (colour); duplex: Up to 83 ipm (black & white), up t 62 ipm (colour)
Scan file format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A	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)
Scannable area	Flatbed: Maximum media size: 216 x 356 mm Scannable area (ADF): Minimum media size: 68.6 x 147.	3 mm; Maximum media size: 216 x 356 mm	
Scanner Advanced Features	Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge Erase; Job notification; Blank page suppression; HP Quick Sets	Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge Erase; Job notification; Blank page suppression; HP Quick Sets	Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge erase; Auto tone; Auto job notification; Blank page suppression; Auto orientation; Auto page crop; HP Quick Sets; Scan to OCR, Scan to SharePoint
Digital sending	Standard: Scan to E-mail; Save to Network Folder; Save to USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL	Standard: Scan to E-mail; Save to Network Folder; Save to USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL	Standard: Scan to E-mail; Save to Network Folder; Save to Sharepoint; Save to USB drive; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL
Fax	Optional	33.6 kbps	33.6 kbps
Standard connectivity	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	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 Pockel 2 Internal USB Host; 1 Fax modem port
Wireless	Optional, enabled with purchase of a hardware accessory		
Mobile printing capability	HP ePrint, Apple AirPrint™, Mobile Apps, optional Touch to Print, optional Wireless Direct printing		
Minimum system requirements	Windows: 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 requirements see: http://www.microsoft.com Mac: Mac OS X v10.6, OS X v10.7 Lion, OS X v10.8 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 available hard disk space		
Compatible operating systems	Windows XP (SP3 or higher) (32-bit & 64-bit); Windows Vista (32-bit & 64-bit); Windows 7 (32-bit & 64-bit); Windows 8 (32-bit & 64-bit); Windows Server 2003 (SP2 or higher) (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: Air Print http://support.apple.com/kb/ht4356; Android; Citrix® and Windows Terminal Services (http://www.hp.com/go/upd); HP ePrint Software Driver http://www.hp.com/go/eprintsoftware; Linux (http://www.hp.ion/go/unix; UNIX Jetdirect http://www.hp.com/go/upd; HP eprint Software; Unix Model Scripts http://www.hp.com/go/unixmodelscripts		

Model	HP Officejet Enterprise Color X585dn Multifunction Printer	HP Officejet Enterprise Color X585f Multifunction Printer	HP Officejet Enterprise Color Flow X585z Multifunction Printer		
Product number	B5L04A	B5L05A	B5L06A		
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print				
Software included	HP PCL 6 Discrete Printer Driver; Mac Software Lir	nk to Web (Mac Installer); Windows Installer			
Input capacity	Tray 1: sheets: 50; envelopes: 7; cards: 25; photo: 25; labels: 25 Tray 2: sheets: 500; envelopes: 30; cards: 100; photo: 100; labels: 100 Tray 3: sheets: 500; cards: 100; photo: 100; labels: 100 Maximum: Up to 1050 sheets Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 102 x 210 to 216 x 297 mm; Optional 500-sheet tray 3: 102 x 210 to 216 x 356 mm				
Paper weight	Tray 1:60 to 120 g/m² (plain paper); 125 to 300 g/m² (photo); 75 to 90 g/m² (envelope); 120 to 180 g/m² (brochure); 163 to 200 g/m² (card). Tray 2: 60 to 120 g/m² (plain paper); 125 to 250 g/m² (plain paper); 125 to 250 g/m² (envelope); 120 to 180 g/m² (brochure); 163 to 200 g/m² (card). Tray 3: 60 to 120 g/m² (plain paper); 125 to 250 g/m² (photo); 75 to 90 g/m² (card) (brochure); 163 to 200 g/m² (card). Tray 3: 60 to 120 g/m² (plain paper); 125 to 250 g/m² (photo); 120 to 180 g/m² (brochure); 163 to 200 g/m² (card). Tray 3: 60 to 120 g/m² (plain paper); 125 to 250 g/m² (photo); 120 to 180 g/m² (brochure); 163 to 200 g/m² (card).				
Paper size	Tray 1: A4; A5; A6; B5 (JIS); B6 (JIS); 10 × 15 cm; envelopes (B5; C5; C6; DL); Tray 2: A4; A5; B5 (JIS); envelopes (DL; B5; C5); Tray 3: A4; A5; B5 (JIS) ADF: A4; B4; B5; Up to 216 × 356 mm				
Output capacity	Up to 300 sheets, Up to 35 envelopes, Maximum: Up to 300 sheets				
Media types	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, greeting cards, other inkjet specialty paper)				
Printer management	HP Web Jetadmin; HP Utility (Mac)				
Security management	Identity management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, hardware integration pocket for security solutions; Security management: Compatible with HP Imaging and Printing Security Center				
Printer dimensions (W x D x H)	533 x 546 x 574 mm 533 x 546 x 574 mm				
Package dimensions (W x D x H)	709 x 638 x 742 mm	709 x 638 x 742 mm	709 x 638 x 742 mm		
Printer Weight	36.3 kg	36.3 kg	36.3 kg		
Package weight	45 kg	45 kg	45 kg		
Operating environment	Temperature: 15 to 30°C, Humidity: 20 to 60% RF	1			
Storage	Temperature: Before initial start-up (Non-Purged): -40 to 60°C; After initial start-up (Purged): 0 to 60°C. If stored below the lowest specified operating temperature, unit must slowly warm up to an approved operating temperature (HP recommends waiting 24 hours at approved operating temperature prior to using the printer)., Humidity: 5 to 90% RH				
Acoustics	Acoustic power emissions: 6.7 B(A); Acoustic pressure emissions				
Power	Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) Consumption: 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); Typical Electricity Consumption (TEC) 2.8 kWh/Week (Energy Star); 1.9 kWh/Week (Blue Angel)				
Certifications	CISPR 22:2008/EN 55022:2010 (Class A), EN 61000-3-2 :2006 +A1:2009 +A2:2009; EN 61000-3-3 :2008; EN 55024:2010; EMC Directive 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries				
Warranty	One-year, next business day, on-site limited warranty. Warranty may vary by country as required by law. Go to hp.com/support to learn about HP award winning service and support options in your region.				

¹ Comparison based on manufacturers' published specifications of fastest-available colour mode (as of December 2013) and includes colour laser MFPs < €3,000, based on market share as reported by IDC as of Q3 2013 and HP internal testing of printer in fastest-available colour mode (sample 4-page category documents tested from ISO 24734). For more information, see http://www.hp.com/go/printerspeeds. ² Cost-per-page (CPP) claim is based on the majority of color laser MFPs <€3,000 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 http://www.hp.com/go/officejet. CPP based on HP 980 ink cartridges' estimated street price. For more information, see http://www.hp.com/go/learnaboutsupplies.

³ Fax functionality is only available on the HP Officejet Enterprise Color MFP How X585z, and HP Officejet Enterprise Color MFP X585f.
 ⁴ Display-permanence rating by Wilhelm Imaging Research, Inc., or HP Image Permanence Lab. For details, see http://www.hp.com/go/printpermanence.
 ⁵ 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 http://www.hp.com/go/webjetadmin.

⁶ Wireless direct printing requires purchase of optional module. Mobile device needs to be connected directly to the WiFi 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 http://www.hp.com/go/businessmobileprinting.

⁷ 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 http://www.hp.com/go/businessmobileprinting.

⁸ Page volume based on HP 980 Black Original Ink Cartridge

⁹ Additional purchase of an optional paper tray is required.
¹⁰ HP EveryPage and integrated keyboard are available only on the HP Officejet Enterprise Color Flow MFP M585z.

¹¹ Single-pass dual-sided scanning is only available on the HP Officejet Enterprise Color Flow MFP M585z.



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