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.[1,2]

A printing revolution for business. HP Officejet Enterprise MFPs deliver colour prints at up to twice the speed and half the cost per page of colour lasers plus copy, scan, and fax.[1,2,8] 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[1,2]

- Quality colour, up to half the cost. Spend up to 50% less per page compared with colour lasers.[2]

- Accelerate business printing and keep productivity high—print up to twice as fast as lasers.[1]

- Rely on pigment inks for durable documents that are water-, fade-, and smear-resistant.[5]

- 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.[6]

- 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.[3,4]

Performance you can rely on

- High volume, high value—get exceptional value from Original HP high-capacity black ink cartridges.[10]

- 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.[7]

Make workflow faster

- Worry-free scanning—capture every page and detect potential misfeeds before they slow you down.[9]

- Finish faster—scan in a single pass and send documents to network folders, email, and more.[11]

- Manage jobs directly at the MFP, using the 20.3 cm (8-inch) colour touchscreen with image preview.

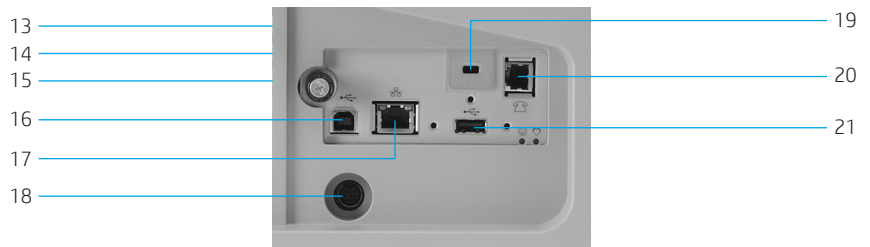- Fast, accurate input—enter data more quickly and accurately using the pull-out keyboard.[9]

Product walkaround

1 Intuitive 8-inch (20.3 cm) HP Easy Select pivoting touchscreen colour 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[1]

10 Platen glass colour 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
Part number	B5L04A	B5L05A	B5L06A
ADF input capacity	Up to 50 sheets	Up to 50 sheets	Up to 100 sheets
HP EveryPage ultrasonic double-feed detection	Not available	Not available	✓
Two-sided scanning	Reversing ADF	Reversing ADF	Single-pass duplexing ADF
OCR (optical character recognition)	Optional with HP DSS	Optional with HP DSS	✓
Large pull-out keyboard	Not available	Not available	✓
Fax	Optional	✓	✓

[1] 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 and software up and running so employees can stay productive.

Choose from:

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

Same Day Onsite – 4 hour 9 x 5 and 13 x 5: 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

Top Features

Keep productivity high while keeping your bottom line in mind. These powerful HP MFPs deliver colour documents at up to twice the speed and half the cost per page of colour lasers.[1,2] 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 colour 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[1]	
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

[1] Average colour 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

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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)
AiO functions	Print, scan, and copy; **AiO multitasking supported:** Yes	Print, scan, copy and fax; **AiO multitasking supported:** Yes	
Duplex print options	Automatic (standard)		
Print speed¹	**ISO speed:** Up to 42 ppm black, Up to 44 ppm colour; **Maximum, A4:** Up to 72 ppm black, Up to 75 ppm colour		
First page out	**Black (ready):** As fast as 10 sec; **Colour (ready):** As fast as 10 sec		
Print resolution	**Black (best):** Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on ColorLok®, Plain, HP Premium Presentation Matte, and HP Brochure Matte) **Colour (best):** Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)		
Print technology	HP PageWide Technology with pigmented inks		
Print cartridges number	1 each (black, cyan, magenta, yellow)		
Mobile printing capability²	HP ePrint, Apple AirPrint™		
Standard print languages	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)		
Printer smart software features	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		
Printer management	HP Web Jetadmin; HP Utility (Mac)		
Scan type/technology	**Type:** Flatbed, ADF; **Technology:** Charge Coupled Device (CCD)		
Scan speed	**Normal, A4:** Up to 41 ipm (b&w); up to 41 ipm (colour); **Duplex:** Up to 16 ipm (b&w), up to 16 ipm (colour)		**Normal, A4:** Up to 61 ipm (b&w); up to 59 ipm (colour) **Duplex:** Up to 89 ipm (b&w), up to 66 ipm (colour)
Scan resolution	**Enhanced:** Up to 600 dpi; **Hardware:** Up to 600 x 600 dpi; **Optical:** Up to 600 dpi		
Scan file format	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)
Scan input modes	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
Scan size maximum	**Flatbed:** 8.5 x 14 in (216 x 356 mm)		
Scanner advanced features	Optimize 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		
Bit depth/Grayscale levels	**Bit Depth:** 24-bit; **Grayscale:** 256		
Copy speed³	**ISO speed:** Up to 44 ppm black, Up to 44 ppm colour		
Copy resolution	**Black (text and graphics):** Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF); **Colour (text and graphics):** Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)		
Max. no. of copies	Up to 9,999 copies		
Copier resize	25 to 400%		
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		
Fax speed	Not applicable	3 sec per page	
Fax resolution	Not applicable	**Black (standard):** 203 x 98 dpi; **Black and White (fine):** 204 x 196 dpi; **Black Photo Grayscale:** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)	
Fax features	Not applicable	**Auto fax reduction supported:** Yes; **Auto-Redialing:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **Junk barrier supported:** Yes; **Maximum speed dialing numbers:** Up to 9,999 numbers; **PC interface supported:** Yes	
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	
Network capabilities	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)		
Wireless capability	Optional, enabled with purchase of a hardware accessory		
Memory	1792 MB (system memory)		
Processor speed	796 MHz		
Duty cycle (monthly)⁴	Up to 75,000 pages; **Recommended monthly page volume:**⁵ 2,000 to 6,000 pages		
Paper handling			
Input	500-sheet input tray, 50-sheet multi-purpose tray		
Output	300-sheet face-down output bin		
Media type	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)		
Media weight	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)		
Media sizes custom	**Tray 1:** 3 x 5 in to 8.5 x 14 in; **Tray 2:** 4.0 x 8.3 in to 8.5 x 11.7 in; **Optional Tray 3:** 4.0 x 8.3 in to 8.5 x 14 in		
ADF capacity	Standard, 50 sheets		Standard, 100 sheets
Dimensions (W x D x H)	21 x 21.5 x 22.6 in (533 x 546 x 574 mm); **Max:** 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		
Weight	36.3 kg (80 lb)		
What's in the box⁶	HP Officejet Enterprise Color X585dn MFP; Introductory HP Officejet Black, Cyan, Yellow, Magenta print cartridges (Black: ~7,800 pages, Colour: ~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, Colour: ~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, Colour: ~3,400 pages); Hardware Install Guide; Warranty card; Software and electronic documentation on CD-ROM; Power cord
Warranty features	One-year, onsite warranty; one-year technical phone support, chat and e-mail		
Energy efficiency compliance	Blue Angel, ENERGY STAR® qualified, EPEAT® Silver		
Compatible operating systems	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/upd); HP ePrint Software Driver hp.com/go/eprintsoftware; Linux (hplip.net); Novell (novell.com/iprint); 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; Unix Model Scripts		
Compatible network operating systems	HP-UX 10.20, 11.x, 11.i; 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+) 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 (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		
Minimum system requirements	**PC:** 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; **Mac:** 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		
Environmental ranges	**Operating temperature range:** 59 to 86° F (15 to 30° C); **Recommended operating temperature:** 59 to 86° F (15 to 30° C); **Non-operating humidity range:** 5 to 90% RH; **Operating humidity range:** 20 to 80% RH; **Recommended operating humidity range:** 20 to 60% RH; **Operating altitude:** Up to 10,000 ft (Up to 3048 m); **Storage Altitude (imperial):** 4572 m		
Acoustic	**Acoustic power emissions:** 6.7 B(A); **Acoustic power emissions (active, copy):** 7.1 B (A); **Acoustic pressure emissions:** 53 dB(A) (printing at 43 ppm)		
Power	**Power supply type:** Internal (Built-in) power supply; **Power supply required:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Power consumption:**⁷ 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)		
Display	8.0" (20.3 cm) touchscreen, SVGA LCD (colour graphics)		
Software included	HP PCL 6 Discrete Printer Driver; Mac Software Link to Web (Mac Installer); Windows Installer		
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 hp.com/go/laserjetfonts		
Security management	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		

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