



HP Officejet Enterprise Color X585f Multifunction Printer (B5L05A)



Overview

A printing revolution for your enterprise. This MFP prints at up to twice the speed and half the cost per page of color lasers—plus copies, scans, and faxes.^{1,2} It's designed with advanced security and full manageability—and built to last.

Keep productivity high while keeping your bottom line in mind. This powerful HP MFP delivers color documents at up to twice the speed and half the cost per page of color lasers.^{1,2} Proven HP PageWide Technology makes it possible.

Quality color, up to half the cost. Spend up to 50% less per page compared with color 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.

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.

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.

Take advantage of simple development and deployment solutions that expand this MFP.

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.

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

This product has



Specifications

What's in the box

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

Software included

- HP PCL 6 Discrete Printer Driver
- Mac Software Link to Web (Mac Installer)
- Windows Installer

Warranty	One-year, onsite warranty; one-year technical phone support, chat, and e-mail
Compatible network operating systems	HP-UX 10.20, 11.x, 11.i; IBM AIX 3.2.5 or higher; Mac OS X v10.6, OS X v10.7 Lion, OS X v10.8 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 (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
Print technology	HP Pagewide Technology with pigmented inks
Print speed black (ISO, laser comparable)	Up to 42 ppm (A4), Up to 44 ppm (letter)
Print speed color (ISO, laser comparable)	Up to 42 ppm (A4), Up to 44 ppm (letter)
Print speed black (normal, letter)	Up to 44 ppm
Print speed black (normal, A4)	Up to 42 ppm
Print speed black (draft, letter)	Up to 72 ppm
Print speed black (draft, A4)	Up to 70 ppm
Print speed color (draft, letter)	Up to 72 ppm
Print speed colour (draft, A4)	Up to 70 ppm
Print speed footnote	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 black (letter, ready)	As fast as 10 sec
First page out black (A4, ready)	As fast as 10 sec
Processor speed	796 MHz
Paper trays, standard	2
Paper trays, maximum	3
Paper handling input, standard	500-sheet input tray, 50-sheet multipurpose tray, 50-sheet ADF
Input capacity	Up to 500 sheets
Maximum input capacity (sheets)	Up to 1050 sheets
Output capacity	Up to 300 sheets
Maximum output capacity (sheets)	Up to 300 sheets
Envelope input capacity	Up to 37 envelopes
Print colours	Yes
Finished output handling	Sheetfeed; ADF
Envelope feeder	No
Duplex printing	Automatic (standard)
Borderless printing	No
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>

Print quality black (best)	Up to 1200 x 1200 optimized 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)
Print quality color (best)	Up to 2400 x 1200 optimized dpi (when printing from a computer on HP Advanced Photo Papers and 600 x 600 input dpi)
Resolution technology	HP PageWide Technology with pigmented inks
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Print head nozzles	42240
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 management	HP Web Jetadmin; HP Utility (Mac)
Display	8.0" (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scanner type	Flatbed, ADF
Enhanced scanning resolution	Up to 600 dpi
Scan resolution, hardware	Up to 600 x 600 dpi
Scan resolution, optical	Up to 600 dpi
Bit depth	24-bit
Scan size (flatbed), maximum	8.5 x 14 in
Scan size (flatbed), maximum	216 x 356 mm
Scan size (ADF), maximum	8.5 x 14 in
Scan size (ADF), maximum	216 x 356 mm
Scan file format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A
Levels of grayscale	256
Send to email capability	Yes
Copy speed black (laser comparable)	Up to 44 cpm
Copy speed color (laser comparable)	Up to 44 cpm
Copy resolution (black text)	Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)
Copy resolution (black graphics)	Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)
Copy resolution (color text and graphics)	Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)
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
Copies, maximum	Up to 9999 copies
Copy reduce / enlarge settings	25 to 400%
Fax transmission speed	3 sec per page
Fax transmission speed	33.6 kbps
Fax note	Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
Image scaling or enlargement range	25 to 400% in 1% increments (flatbed)

Fax resolution	Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)
PC interface supported	Yes
Fax forwarding	Yes
Junk fax barrier	Yes
Digital sending standard features	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
File formats, supported	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)
Duty cycle (monthly, letter)	Up to 75,000 pages
Duty cycle (monthly, A4)	Up to 75,000 pages
Duty cycle note	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.
Recommended monthly page volume	2000 to 6000
Recommended monthly page volume note	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.
Automatic document feeder capacity	Standard, 50 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, Hagaki, greeting cards, other inkjet specialty paper)
Media sizes supported	Tray 1: Letter, oficio, legal, statement, executive, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelopes (No. 10, Monarch); Tray 2: Letter, statement, executive, envelopes (No. 10); Tray 3: Letter, oficio, legal, statement, executive
Media sizes supported	Tray 1: Oficio; A4; A5; A6; B5 (JIS); B6 (JIS); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (JIS); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (JIS); 16K
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
Media sizes, custom	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
Media weight, supported	Tray 1: 16 to 32 lb (plain paper); 33 to 80 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card). Tray 2: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card). Tray 3: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card)
Media weight, supported	Tray 1: 60 to 120 g/m ² (plain paper); 125 to 300 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card). Tray 2: 60 to 120 g/m ² (plain paper); 125 to 250 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ²

(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)

Media weight (tray 1)	60 to 120 g/m ² (plain paper); 125 to 300 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (brochure); 163 to 200 g/m ² (card)
Connectivity, standard	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
Connectivity, optional	802.11b/g/n wireless LAN (station mode), networking accessory, HP Jetdirect 2700w USB Wireless Print Server J8026A; 802.11b/g wireless LAN (Access Point Mode) networking accessory, HP Jetdirect 2800w NFC and Wireless Direct Accessory J8029A; HP Jetdirect ew2500 Wireless Print Server J8021A
Mobile printing capability	HP ePrint, Apple AirPrint™, Mobile Apps, optional Touch to Print, optional Wireless Direct printing
Memory, standard	1792 MB (system memory)
Memory, maximum	1792 MB (system memory)
Hard disk	Standard, 320 GB
Power supply type	Internal (Built-in) power supply
Power	Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)
Power 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)
Power consumption footnote	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.
Typical electricity consumption (TEC) number	2.8 kWh/Week (Energy Star); 1.9 kWh/Week (Blue Angel)
ENERGY STAR® qualified	Yes
Mac compatible	Yes
Minimum dimensions (W x D x H)	21 x 21.5 x 22.6 in
Maximum dimensions (W x D x H)	31.5 x 26.4 x 23.8 in (with multipurpose tray down and extended, main tray extended, output tray extension in legal position)
Minimum dimensions (W x D x H)	533 x 546 x 574 mm
Maximum dimensions (W x D x H)	800 x 670 x 604 mm (with multipurpose tray down and extended, main tray extended, output tray extension in legal position)
Weight	80 lb
Weight	36.3 kg
Package dimensions (W x D x H)	709 x 638 x 742 mm
Package dimensions (W x D x H)	27.9 x 25.1 x 29.2 in
Package weight	99 lb
Package weight	45 kg
Pallet dimensions	53.5 x 29.8 x 95.6 in (NA), 53.5 x 29.8 x 96.2 in (EMEA, LA), 53.5 x 29.8 x 65.9 in (APJ)
Pallet dimensions (W x D x H)	1360 x 756 x 2428 mm (NA), 1360 x 756 x 2445 mm (EMEA, LA), 1360 x 756 x 1673 mm (APJ)

Pallet weight	624 lb
Pallet weight	283 kg
Quantity per pallet	6
Country of origin	Made in China
Memory slots	None
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
Energy efficiency	Blue Angel, ENERGY STAR® qualified, EPEAT® Silver