Data sheet

HP PageWide Enterprise Color MFP 586 series

Ultimate value,[3] fastest speeds,[1] and deepest security[2] for today's enterprise.

Ultimate value for today's enterprise—HP PageWide Technology delivers the fastest speeds[1] and deepest security[2] for the lowest total cost of ownership in its class.[3] Power productivity with seamless workflow features.

HP PageWide Enterprise Color MFP 586dn

HP PageWide Enterprise Color MFP 586f

HP PageWide Enterprise Color Flow MFP 586z

Professional color, breakthrough total cost

- Results you expect and lasting value—breakthrough total cost of ownership, the lowest in its class.[3]
- Print professional-quality color on a variety of papers—perfect for office use.
- Print up to 2.5x more pages[7] and replace less often than standard cartridges[8] with high-yield options.
- Spend less time and budget on scheduled maintenance with streamlined HP PageWide Technology.[9]

Enterprise productivity at unmatched speeds[1]

- Wait less, print more with unmatched speeds[1]—up to 75 ppm—and superfast first-page printing.
- Fast two-sided scanning—up to 74 ipm—and HP EveryPage help workgroups capture data with confidence every time.
- Enter data quickly with the pull-out keyboard and transfer scans into editable text, using built-in OCR.[11]
- Queue jobs, embed solutions, and use multiple functions at once—scan, copy, or fax while someone is printing.

Unparalleled fleet security and management[2]

- Embedded features detect security threats and heal your MFP, protecting it from boot up to shutdown.[6]
- Help protect data on the MFP and in transit, using embedded security features and 256-bit encryption.[6]
- Help build business efficiency with HP Web Jetadmin,[12] plus deploy over HP and 180 third-party solutions.
- Employ policy-based, fleet-wide protection features, using optional HP JetAdvantage Security Manager.[13]

Proven technology. Outstanding energy efficiency.

- Minimize downtime with HP PageWide Technology that delivers reliable performance businesses demand.
- Print up to 16,000 color pages and up to 20,000 black-and-white pages—and go longer between replacements.[7]
- Conserve with HP PageWide Technology—designed to use less energy than any MFP in its class.[5]
- Get professional-quality color documents and the performance you expect with Original HP PageWide cartridges.
- Get professional-quality color documents and the performance you expect with Original HP PageWide cartridges.

HP PageWide Enterprise Color Flow MFP 586z

Product walkaround

1. 100-sheet automatic document feeder (ADF) with single-pass, two-sided scanning—with HP EveryPage (586z only)

2. Intuitive 8-inch (20.3 cm) pivoting color touchscreen

3. Flatbed scanner handles up to 8.5 x 14 in (216 by 356 mm) paper

4. Hardware integration pocket[1] for solution integration

5. Easy-access USB port to save and print files directly

6. Pull-out keyboard for easy, accurate data entry (586z model only)

7. Front door access to ink cartridges

8. Built-in automatic two-sided printing

9. 50-sheet multipurpose tray 1

10. 500-sheet input tray 2

11. 300-sheet output bin

12. HP High-Performance Secure Hard Disk

13. Fax port

14. Slot for cable-type security lock

15. Hi-Speed USB 2.0 printing port

16. Built-in Gigabit Ethernet

17. USB port for connecting external USB devices

Front view

Close-up of I/O ports

Series at a glance

Model (product number)	HP PageWide Enterprise Color MFP 586dn	HP PageWide Enterprise Color MFP 586f	HP PageWide Enterprise Color Flow MFP 586z
50-sheet multipurpose tray 1; 500-sheet tray 2	√	√	√
HP High-Performance Secure Hard Disk	√	√	√
Fax	Optional	√	√
Scan Duplex speed (single-pass, two-sided, letter/A4)[2,3]	Up to 46/44 images per minute (ipm), black; up to 42/40 ipm, color	Up to 46/44 images per minute (ipm), black; up to 42/40 ipm, color	Up to 70/74 ipm, black; up to 70/74 ipm, color
Advanced workflow features, including pull-out keyboard	Not available	Not available	√
1x500-sheet paper tray	Optional	Optional	Optional
3x500-sheet paper tray and stand	Optional	Optional	Optional
Printer cabinet and stand	Optional	Optional	Optional
Wireless direct Printing[4]/NFC[5]	Optional	Optional	Optional

[1]Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. [2]Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [3]Scanning requires an Internet connection to the MFP. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com [4]Wireless direct printing requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the Wi-Fi® network of a wireless direct-capable MFP or printer 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/businessmobileprinting. [5]Touch-to-print capability requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)–enabled printing. For more information, see hp.com/go/businessmobileprinting

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 a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

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

Installation Service with Network Setup:
Installation services that include onsite installation and network setup of printing product.

For carepack availability visit: hp.com/go/cpc

Top features

Count on exceptional value and the results enterprises need to stay ahead—HP PageWide Technology is engineered to produce professional-quality color documents for the lowest total cost of ownership in its class.[3]

Help elevate workgroup productivity with best-in-class print speeds,[1] blazing-fast first-page printing, and single-pass two-sided scanning. Built-in Gigabit Ethernet and wireless printing options help busy teams stay connected.[10]

Trust that this HP PageWide Enterprise MFP is secure from power-up to power-down. Count on strong protection for devices, data, and documents with deepest embedded printer security from HP,[2] and centrally manage your entire fleet with ease.

Minimize interruptions and downtime with efficient, reliable performance. Conserve resources with an MFP designed to use less energy than lasers.[5] HP PageWide Technology is ideal for today's busy office.

Accessories
B5L28A - HP Internal USB Ports
B5L31A - HP Foreign Interface Harness
E5K48A - HP 1GB DDR3 x32 144-Pin 800MHz SODIMM
J8031A - HP Jetdirect USB Wireless Print Server
J8030A - HP Jetdirect Wireless Print Server with NFC
F5S62A - HP Trusted Platform Module Accessory
G1W43A - HP PageWide Enterprise 500-sheet Paper Tray
G1W44A - HP PageWide Enterprise Printer Cabinet and Stand
G1W45A - HP PageWide Enterprise 3x500-sheet Paper Tray and Stand
CC487A - HP LaserJet MFP Analog Fax Accessory 500

Supplies
J3M71A - HP 981A Black Original PageWide Cartridge
J3M68A - HP 981A Cyan Original PageWide Cartridge
J3M69A - HP 981A Magenta Original PageWide Cartridge
J3M70A - HP 981A Yellow Original PageWide Cartridge
L0R12A - HP 981X High Yield Black Original PageWide Cartridge
L0R09A - HP 981X High Yield Cyan Original PageWide Cartridge
L0R10A - HP 981X High Yield Magenta Original PageWide Cartridge
L0R11A - HP 981X High Yield Yellow Original PageWide Cartridge
L0R16A - HP 981Y Extra High Yield Black Original PageWide Cartridge
L0R13A - HP 981Y Extra High Yield Cyan Original PageWide Cartridge
L0R14A - HP 981Y Extra High Yield Magenta Original PageWide Cartridge
L0R15A - HP 981Y Extra High Yield Yellow Original PageWide Cartridge
B5L09A - HP OfficeJet Ink Collection Unit
W5U23A - HP 200 ADF Roller Replacement Kit

Services
HP PageWide Enterprise Color MFP 586 series

U9CY4E - HP 3 year Next Business Day + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CY5E - HP 4 year Next Business Day + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CY6E - HP 5 year Next Business Day + DMR Color PageWide Enterprise 586 MFP Hardware Support
H2872E - HP Network Installation Mid-High Color LaserJet PageWide printer Service

HP PageWide Enterprise Color MFP 586 series

Technical Specifications	HP PageWide Enterprise Color MFP 586dn(G1W39A)	HP PageWide Enterprise Color MFP 586f(G1W40A)	HP PageWide Enterprise Color Flow MFP 586z(G1W41A)
MFP functions	Print, copy, scan; **MFP multitasking supported:** Yes	Print, copy, scan, fax; **MFP multitasking supported:** Yes	
Print speed	**Letter:** Up to 50 ppm black; Up to 50 ppm color[6]; **First Page Out Black:** As fast as 7.1 sec; **First Page Out Color:** As fast as 7.3 sec[7]		
Print resolution	**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); **Colour (best):** Up to 2400 x 1200 optimized dpi (when printing from a computer on HP Advanced Photo Papers and 600 x 600 input dpi)		
Print Technology	HP PageWide Technology; **Print Resolution Technologies:** HP PageWide Technology		
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)		
Standard Print Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)		
Printer Smart Software Features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB, HP Easy Color		
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager		
Scan Type / Technology	**Type:** Flatbed, ADF; **Technology:** Contact Image Sensor (CIS)		
Scan Resolution	**Hardware:** Up to 600 x 600 dpi; **Optical:** Up to 600 dpi		
Scan File Format	**586dn & 586f:** PDF, JPEG, TIFF, MTIFF, XPS, PDF/A. **586z:** Digital Send: 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 to easy access USB: 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); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)		
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint (586z only); Open Extensibility Platform (OXP) applications		
Scan Size	**ADF:** 8.5 x 14 in Maximum; 4.1 x 5 in Minimum; **Flatbed:** 8.5 x 14 in		
Scan Speed	Up to 46 ppm/46 ipm (b&w), up to 42 ppm/42 ipm (color)**Duplex:** Up to 46 ipm (b&w), up to 42 ipm (color)		Up to 47 ppm/74 ipm (b&w), up to 47 ppm/74 ipm (color)**Duplex:** Up to 74 ipm (b&w), up to 74 ipm (color)
Scanner Advanced Features	**586dn & 586f:** 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 **586z:** 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; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR), Auto crop to page; Auto-tone		
Bit depth / Grayscale levels	24-bit / 256		
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; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to LAN Fax; Send to Internet Fax; OCR; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page; OCR
Copy Speed	**Black (letter):** Up to 50 cpm; **Color (letter):** Up to 50 cpm[4]		
Copy Resolution	**Black (text and Graphics):** Up to 600 x 600 dpi (flatbed), 600 x 450 dpi (ADF); **Color (text and Graphics):** Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)		
Maximum Number of Copies	Up to 9999 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	**Up to:** 33.6 kbps; **Letter:** 3 sec per page		
Fax Resolution	**Black (best):** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); **Black (standard):** 204 x 98 dpi		
Fax Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule		
Fax Features		**Auto Fax Reduction Supported:** Yes; **Auto-Redialing:** Yes; **Fax Delayed Sending:** No; **Distinctive Ring Detection Supported:** No; **Fax Forwarding Supported:** Yes; **Fax Phone TAM Interface Supported:** No; **Fax Polling Supported:** Yes (poll to receive only); **Fax Telephone Mode Supported:** No; **Junk Barrier Supported:** Yes; **Maximum Speed Dialing Numbers:** Up to 1000 numbers (each with 210 destinations); **PC Interface Supported:** Yes; **Remote Retrieval Capability Supported:** No; **Telephone Handset Supported:** No	
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 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)		
Wireless Capability	Optional, enabled with purchase of a hardware accessory		
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Mopria-certified; Google Cloud Print 2.0		
Memory	**Standard:** 2048 MB; **Maximum:** 2816 MB		
Processor Speed	1.2 GHz / **586f & 586z: Hard disk:** Standard, embedded HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU includes FIPS 140-2 validated hard disk, minimum 500 GB (586z only)		
Duty Cycle	**Recommended Monthly Page Volume:** 2000 to 7500[8]		
Paper Handling	**Input Capacities:** 500-sheet input tray, 50-sheet multipurpose tray, 100-sheet ADF; Up to 500 sheets standard; Up to 37 envelopes; Up to 100 cards; Up to 425 sheets labels; legal; **Output Capacities:** 300 sheet face-down output bin; Up to 300 sheets standard; Up to 35 envelopes; Not Supported Up to 100 cards; Up to 100 sheets labels legal; **Duplex Options:** Automatic (standard)**Auto Document Feeder Capacity:** Standard, 100 sheets; **Envelope Feeder:** No; **Standard Paper Trays:** 2; **Media Types Supported:** 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 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); Optional Tray 3, 4 & 5: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card); **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); Optional Tray 3, 4 & 5: Letter, oficio, legal, statement, executive; **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 & 5: 4.0 x 8.3 in to 8.5 x 14 in		
Product Dimensions	**W x D x H:** 20.8 x 22.2 x 20.8 in; **Maximum:** 36.7 x 29.6 x 30.9 in, (with left door open, main paper tray open, document feeder lifted)		
Product Weight	71.2 lb[1]		
What's in the box	HP Pagewide Enterprise Color MFP 586; HP Setup Ink Cartridges (CMYK); Installation guide; Support flyer; Software drivers and documentation on CD-ROM; Power cord		
Warranty Features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.		
Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT Silver		Energy Star; Blue Angel; EPEAT Gold (G1W41A#201); EPEAT Silver
Control Panel	8.0-in (20.3 cm) Color 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		8.0-in (20.3 cm) Color 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
Display Description	8.0 in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)		
Software Included	For Windows OS; HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Send Fax, HP Update, Product Registration Assist, HP Connected, Online user manuals; For Mac OS; Welcome screen directs users to HP.com or OS application source for printer software		
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		
Compatible Operating Systems	Go to hp.com/search for HP PageWide Enterprise Color MFP 586 for all operating systems		
Comp. Network Op. Systems	Go to hp.com/search for HP PageWide Enterprise Color MFP 586 for all operating systems		
Minimum System Requirements	**PC:** CD-ROM or DVD drive, or Internet connection; dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; (For OS hardware requirements see microsoft.com); **MAC:** Internet, USB, 1 GB available hard drive space; OS compatible hardware; (See Apple.com)		
Power	**Power Supply Type:** Internal (Built-in) power supply; **Power Requirements:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Power Consumption:** 62 watts (printing), 24.0 watts (ready), 8.5 watts (sleep), 0.3 watts (manual-off), 0.3 watts (auto-off/manual-on)[2]		**Power Supply Type:** Internal (Built-in) power supply; **Power Requirements:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Power Consumption:** 62 watts (printing), 26.5 watts (ready), 8.5 watts (sleep), 0.3 watts (manual-off), 0.3 watts (auto-off/manual-on)[2]
Acoustics	**Acoustic Power Emissions:** 6.8 B(A), printing color simplex A4 at 50 ppm		
Operating Environment	**Operating Temperature Range:** 59 to 86ºF; **Recommended Operating Temperature:** 59 to 86ºF; **Storage Temperature Range:** Before initial setup (Non-Purged): -40 to 140ºF; After initial setup (Purged): 32 to 140ºF. 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 temperature prior to using the printer).; **Non-Operating Humidity Range:** 5 to 90% RH; **Operating Humidity Range:** 20 to 80% RH; **Recommended Humidity Operating Range:** 20 to 60% RH		
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), Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140-2 validated cryptographic libraries), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, hardware integration pocket for security solutions, HP Sure Start, intrusion detection, whitelisting, optional Trusted Platform Module; Security management: Compatible with optional HP JetAdvantage Security Manager		

Learn more at hp.com