



# HP PageWide Enterprise Color MFP 586 Series

Ultimate value,<sup>3</sup> fastest speeds,<sup>1</sup> and deepest security<sup>2</sup> for today's enterprise.

Ultimate value for today's enterprise—HP PageWide Technology delivers the fastest speeds<sup>1</sup> and deepest security<sup>2</sup> for the lowest total cost of ownership in its class.<sup>3</sup> 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 colour, breakthrough total cost

- Results you expect and lasting value—breakthrough total cost of ownership, the lowest in its class.<sup>3</sup>
- Print professional-quality colour on a variety of papers—perfect for office use.
- Print up to 2.5x more pages<sup>6</sup> and replace less often than standard cartridges<sup>7</sup> with high-yield options.
- Spend less time and budget on scheduled maintenance with streamlined HP PageWide Technology.<sup>8</sup>

## Enterprise productivity at unmatched speeds<sup>1</sup>

- Wait less, print more with unmatched speeds<sup>1</sup>—up to 75 ppm—and superfast first-page printing.
- Fast two-sided scanning—up to 70 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.<sup>9</sup>
- Queue jobs, embed solutions, and use multiple functions at once—scan, copy, or fax while someone is printing.

## Unparalleled fleet security and management<sup>2</sup>

- Embedded features detect security threats and heal your MFP, protecting it from boot up to shutdown.<sup>4</sup>
- Help protect data on the MFP and in transit, using embedded security features and 256-bit encryption.<sup>5</sup>
- Help build business efficiency with HP Web Jetadmin,<sup>10</sup> plus deploy over HP and 180 third-party solutions.
- Employ policy-based, fleet-wide protection features, using optional HP JetAdvantage Security Manager.<sup>11</sup>

## Proven technology. Outstanding energy efficiency.

- Minimize downtime with HP PageWide Technology that delivers reliable performance businesses demand.
- Print up to 16,000 colour pages and up to 20,000 black-and-white pages—and go longer between replacements.<sup>6</sup>
- Conserve with HP PageWide Technology—designed to use less energy than any printer in its class.<sup>4</sup>
- Get professional-quality colour documents and the performance you expect with Original HP PageWide cartridges.
- Protect your investment with HP Care Pack. Let our HP certified engineers resolve all your technical issues.<sup>12</sup>

<sup>1</sup> Comparison of Enterprise devices based on manufacturers' published specifications of fastest available colour mode of colour business A4 MFPs \$1000–\$3000 USD as of November 2015, excluding other HP PageWide products, and products with 1% or lower market share using market share as reported by IDC as of Q3 2015. HP PageWide speeds based on General Office mode and exclude first page. Learn more at [hp.com/go/printerspeeds](http://hp.com/go/printerspeeds) <sup>2</sup> Only HP Enterprise-class devices with FutureSmart offer a combination of security features for integrity checking down to the BIOS with self-healing capabilities. A FutureSmart service pack update may be required to activate security features. Learn more at [hp.com/go/printershatprotect](http://hp.com/go/printershatprotect) <sup>3</sup> Total cost of ownership Enterprise comparison based on 150,000 pages, manufacturers' published specifications for page yields and energy use, manufacturers' suggested retail price for HP hardware and supplies, average street prices for competitive devices, cost per page based on ISO yield with continuous printing in default mode with highest-available-capacity cartridges, and long-life consumables of all color business A4 MFPs \$1,000–\$3,000 USD as of November 2015, excluding products with 1% or lower market share using market share as reported by IDC as of Q3 2015. Learn more at [hp.com/go/pagewideclaims](http://hp.com/go/pagewideclaims) and [hp.com/go/learnaboutsups](http://hp.com/go/learnaboutsups) <sup>4</sup> Energy claim for Enterprise devices based on TEC data, reported on [energystar.gov](http://energystar.gov), that is normalized for majority of in-class colour laser MFPs \$1000–\$3000 USD and colour laser printers \$500–\$1249 USD as of November 2015; market share as reported by IDC as of Q3 2015. Actual results may vary. Learn more at [hp.com/go/pagewideclaims](http://hp.com/go/pagewideclaims) <sup>5</sup> Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at [hp.com/go/printsecurity](http://hp.com/go/printsecurity) <sup>6</sup> Yield based on ISO 24711 cartridge yields for HP 981Y Extra High Yield Original PageWide Cartridges, which are not included in printer purchase; purchase separately. Comparison based on ISO 24711 cartridge yields for HP 981Y Extra High Yield Original PageWide Cartridges compared with HP 981 series Original PageWide Cartridges. Learn more at [hp.com/go/learnaboutsups](http://hp.com/go/learnaboutsups) <sup>7</sup> Based on ISO 24711 cartridge yields for HP 981 series High Yield Original PageWide Cartridges compared with HP 981 series Original PageWide Cartridges. Learn more at [hp.com/go/learnaboutsups](http://hp.com/go/learnaboutsups) <sup>8</sup> Less scheduled maintenance based on 150,000 pages printed, and published comparisons of majority of in-class colour laser printers and A4 MFPs \$1000–\$3000 USD as of November 2015; market share as reported by IDC as of Q3 2015. Learn more at [hp.com/go/pagewideclaims](http://hp.com/go/pagewideclaims) <sup>9</sup> Embedded OCR is intended for occasional use. For high-volume OCR usage, consider optional server-based HP Digital Sending Software. <sup>10</sup> HP Web Jetadmin is available for download at no additional charge at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin). Based on HP internal research on competitor offerings (Device Security Comparison January 2015), and Solutions Report on HP JetAdvantage Security Manager 2.1 from Buyers Laboratory LLC, February 2015. Requires separate purchase. For details, see [hp.com/go/securitymanager](http://hp.com/go/securitymanager) <sup>11</sup> Based on HP internal research on competitor offerings (Device Security Comparison January 2015), and Solutions Report on HP JetAdvantage Security Manager 2.1 from Buyers Laboratory LLC, February 2015. Requires separate purchase. For details, see [hp.com/go/securitymanager](http://hp.com/go/securitymanager) <sup>12</sup> For more details on HP Care Pack, go to [hp.com/go/cpc](http://hp.com/go/cpc)

## Product walkaround

HP PageWide Enterprise Color Flow MFP 586z shown

- 1 100-sheet automatic document feeder (ADF) with single-pass, two-sided scanning; 586z model also includes HP EveryPage
- 2 Intuitive 20.3 cm (8-inch) pivoting colour touchscreen
- 3 Flatbed scanner handles up to 216 x 356 mm paper
- 4 Hardware integration pocket<sup>1</sup> 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



## Series at a glance



Model (product number)	MFP 586dn (G1W39A)	MFP 586f (G1W40A)	Flow MFP 586z (G1W41A)
<b>50-sheet multipurpose tray 1; 500-sheet tray 2</b>	✓	✓	✓
<b>1x500-sheet paper tray</b>	Optional	Optional	Optional
<b>3x500-sheet paper tray and stand</b>	Optional	Optional	Optional
<b>Printer cabinet and stand</b>	Optional	Optional	Optional
<b>HP High-Performance Secure Hard Disk</b>	✓	✓	✓
<b>Scan speed (single-pass, two-sided, A4)<sup>2,3</sup></b>	Up to 44 images per minute (ipm), black; up to 40 ipm, colour	Up to 44 ipm, black; up to 40 ipm, colour	Up to 70 ipm, black and colour
<b>Wireless direct printing<sup>4</sup>/NFC<sup>5</sup></b>	Optional	Optional	Optional
<b>Fax</b>	Optional	✓	✓
<b>Advanced workflow features, including pull-out keyboard</b>	Not available	Not available	✓

<sup>1</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. <sup>2</sup> Measured using ISO/IEC 24734, 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>3</sup> Scanning requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see [hpconnected.com](http://hpconnected.com) <sup>4</sup> 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<sup>®</sup> 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](http://hp.com/go/businessmobileprinting) <sup>5</sup> 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](http://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. Choose from:

**Optimized Care (optimum performance and stability):** 4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

**Standard Care (high level of uptime):** Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

**Basic Care (minimum recommended support):** Next Business Day Onsite Support

**4 hr Onsite Support:** Onsite support within four hours after a service call received within the coverage window

**Next Business Day Onsite Support:** Onsite service the next business day after the service call is received

**Maintenance Kit Replacement Service:** Onsite replacement of your printer's maintenance kit including parts, materials, and labor

**Installation with Network Configuration Service:** Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit [hp.com/go/printservices](http://hp.com/go/printservices)



## Top Features

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

Help elevate workgroup productivity with best-in-class print speeds,<sup>1</sup> blazing-fast first-page printing, and single-pass two-sided scanning. Built-in Gigabit Ethernet and wireless printing options help busy teams stay connected.<sup>5</sup>

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<sup>2</sup> 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.<sup>4</sup> HP PageWide Technology is ideal for today's busy office.

### Product

G1W39A	HP PageWide Enterprise Color MFP 586dn
G1W40A	HP PageWide Enterprise Color MFP 586f
G1W41A	HP PageWide Enterprise Color Flow MFP 586z

### Accessories

G1W43A	HP PageWide Enterprise 500-sheet Paper Tray
G1W44A	HP PageWide Enterprise Printer Stand
G1W45A	HP PageWide Enterprise 3 x 500-sheet Paper Feeder and Stand
E5K48	HP 1GB DDR3 x32 144-Pin 800MHz SODIMM
B5L28A	HP Internal USB Ports
CC487A	HP LaserJet MFP Analog Fax Accessory 500 (MFP 586dn model only)
B5L31A	HP Foreign Interface Harness
F5562A	HP Trusted Platform Module
J8031A	HP Jetdirect 2900nw Print Server
J8030A	HP Jetdirect 3000w NFC/Wireless Accessory
A7W12A	HP LaserJet Keyboard Overlay Kit for Simplified Chinese and Traditional Chinese (586z only)

### Supplies<sup>6</sup>

J3M71A	HP 981A Black Original PageWide Cartridge (~6,000 pages)
L0R12A	HP 981X High Yield Black Original PageWide Cartridge (~11,000 pages)
L0R16A	HP 981Y Extra High Yield Black Original PageWide Cartridge (~20,000 pages)
J3M68A	HP 981A Cyan Original PageWide Cartridge (~6,000 pages)
L0R09A	HP 981X High Yield Cyan Original PageWide Cartridge (~10,000 pages)
L0R13A	HP 981Y Extra High Yield Cyan Original PageWide Cartridge (~16,000 pages)
J3M69A	HP 981A Magenta Original PageWide Cartridge (~6,000 pages)
L0R10A	HP 981X High Yield Magenta Original PageWide Cartridge (~10,000 pages)
L0R14A	HP 981Y Extra High Yield Magenta Original PageWide Cartridge (~16,000 pages)
J3M70A	HP 981A Yellow Original PageWide Cartridge (~6,000 pages)
L0R11A	HP 981X High Yield Yellow Original PageWide Cartridge (~10,000 pages)
L0R15A	HP 981Y Extra High Yield Yellow Original PageWide Cartridge (~16,000 pages)
B5L09A	Ink-collection unit

### HP Care Packs

Number	Description
U9CY3E	HP 2-year Next Business Day + DMR Color PageWide Enterprise 586 MFP Hardware Support
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
U9CY7E	HP 3-year 4h 9x5 + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CY8E	HP 4-year 4h 9x5 + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CY9E	HP 5-year 4h 9x5 + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CZ0E	HP 3-year 4h13x5 + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CZ1E	HP 4-year 4h13x5 + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CZ2E	HP 5-year 4h13x5 + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CZ6PE	HP 1-year Post Warranty Next Business Day + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CZ7PE	HP 2-year Post Warranty Next Business Day + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CZ8PE	HP 1-year Post Warranty 4h 9x5 + DMR Color PageWide Enterprise 586 MFP Hardware Support
U9CZ9PE	HP 1-year Post Warranty 4h 13x5 + DMR Color PageWide Enterprise 586 MFP Hardware Support

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to [hp.com/go/cpc](http://hp.com/go/cpc)

### Paper

Contact HP via phone: Asia: 65 6253 8500

### Solutions

HP Web Jetadmin: [hp.com/go/wja](http://hp.com/go/wja)  
 HP Universal Print Driver: [hp.com/go/upd](http://hp.com/go/upd)  
 HP JetAdvantage Security Manager: [hp.com/go/securitymanager](http://hp.com/go/securitymanager)  
 HP LaserJet Fonts, Barcodes, and IPDS Emulation available at [hp.com/go/laserjetfonts](http://hp.com/go/laserjetfonts)  
 To learn more about available infrastructure, management, and workflow solutions, visit [hp.com/go/gsc](http://hp.com/go/gsc)

<sup>1</sup> Comparison of Enterprise devices based on manufacturers' published specifications of fastest available colour mode of colour business A4 MFPs \$1000-\$3000 USD as of November 2015, excluding other HP PageWide products, and products with 1% or lower market share using market share as reported by IDC as of Q3 2015. HP PageWide speeds based on General Office mode and exclude first page. Learn more at [hp.com/go/printerspeeds](http://hp.com/go/printerspeeds) <sup>2</sup> Only HP Enterprise-class devices with FutureSmart offer a combination of security features for integrity checking down to the BIOS with self-healing capabilities. A FutureSmart service pack update may be required to activate security features. Learn more at [hp.com/go/printerssthatprotect](http://hp.com/go/printerssthatprotect) <sup>3</sup> Total cost of ownership Enterprise comparison based on 150,000 pages, manufacturers' published specifications for page yields and energy use, manufacturers' suggested retail price for HP hardware and supplies, average street prices for competitive devices, cost per page based on ISO yield with continuous printing in default mode with highest-available-capacity cartridges, and long-life consumables of all color business A4 MFPs \$1,000-\$3,000 USD as of November 2015, excluding products with 1% or lower market share using market share as reported by IDC as of Q3 2015. Learn more at [hp.com/go/pagewideclaims](http://hp.com/go/pagewideclaims) and [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies) <sup>4</sup> Energy claim for Enterprise devices based on TEC data, reported on [energystar.gov](http://energystar.gov), that is normalized for majority of in-class color laser MFPs \$1000-\$3000 USD and colour laser printers \$500-\$1249 USD as of November 2015; market share as reported by IDC as of Q3 2015. Actual results may vary. Learn more at [hp.com/go/pagewideclaims](http://hp.com/go/pagewideclaims) <sup>5</sup> Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and it may be limited during active VPN connections. <sup>6</sup> Average colour composite (C/M/Y) and black declared yields based on ISO/IEC 24711 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 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)
<b>AIO functions</b>	Print, copy, scan		Print, copy, scan, fax
<b>Print</b>	Automatic (standard)		
Duplex print options	Automatic (standard)		
Print speed <sup>1</sup>	<b>Black (Professional mode, A4):</b> Up to 50 ppm; <b>Black (General Office mode, A4):</b> Up to 75 ppm; <b>Colour (Professional mode, A4):</b> Up to 50 ppm; <b>Colour (General Office mode, A4):</b> Up to 75 ppm; <b>Black Duplex (A4):</b> Up to 38 ipm; <b>Colour Duplex (A4):</b> Up to 25 ipm		
First page out <sup>2</sup>	<b>Black (A4, ready):</b> As fast as 7.1 sec; <b>Colour (A4, ready):</b> As fast as 7.3 sec		
Print technology	HP PageWide Technology with pigmented inks		
Print resolution	<b>Black (best):</b> 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); <b>Colour (best):</b> Up to 2400 x 1200 optimized dpi (when printing from a computer on HP Advanced Photo Papers and 600 x 600 input dpi)		
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 management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Template, 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		
<b>Scan</b>			
Scan type/technology	<b>Type:</b> Flatbed, ADF; <b>Technology:</b> Contact Image Sensor (CIS)		
Scan speed (simplex/two-sided)	<b>Normal, A4:</b> Up to 44 ppm/44 ipm (b&w), up to 40 ppm/40 ipm (colour)		<b>Normal, A4:</b> Up to 45 ppm/70 ipm (b&w), up to 45 ppm/70 ipm (colour)
Scan resolution	<b>Enhanced:</b> Up to 600 dpi; <b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi		
Scan size	<b>Flatbed/ADF:</b> 216 x 356 mm (8.5 x 14 in)		
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; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	
Scan file format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A		
<b>Copy</b>			
Copy speed <sup>3</sup>	<b>Black (laser comparable):</b> Up to 50 cpm; <b>Colour (laser comparable):</b> Up to 50 cpm		
First copy out	<b>Black (letter):</b> As fast as 7 sec; <b>Colour (letter):</b> As fast as 9 sec		
Copy resolution	<b>Black (text &amp; graphics):</b> Up to 600 x 600 dpi (flatbed), 600 x 450 dpi (ADF); <b>Colour (text &amp; graphics):</b> 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		
<b>Fax</b>			
Fax speed	Optional	33.6 kbps; 3 sec per page (letter)	
Fax resolution	Optional	<b>Black (best):</b> Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); <b>Black (standard):</b> 204 x 98 dpi; <b>Black &amp; White (fine):</b> 204 x 196 dpi; <b>Black &amp; White (grayscale):</b> Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)	
Fax memory (A4/letter)	Optional	<b>Auto fax reduction supported:</b> Yes; <b>Auto-Redialing:</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 1000 numbers (each with 210 destinations); <b>PC interface supported:</b> Yes; <b>Fax polling supported:</b> Yes (poll to receive only); <b>Remote retrieval supported:</b> No; <b>Telephone handset supported:</b> No	
<b>Connectivity</b>			
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
Mobile printing capability <sup>4</sup>	HP ePrint; Apple AirPrint™; Mopria-certified; Google Cloud Print 2.0		
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		
<b>Memory</b>	<b>Standard:</b> 2048 MB; <b>Maximum:</b> 2816 MB; upgradeable with 1 GB DIMM (1 slot, 144-pin DDR3 DIMM)		
<b>Hard disk</b>	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)		
<b>Duty cycle</b>	Up to 80,000 pages; <b>Recommended monthly page volume:</b> 2,000 to 7,500 pages		
<b>Processor speed</b>	1.2 GHz		
<b>Paper handling</b>			
Input	500-sheet input tray, 50-sheet multipurpose tray, 100-sheet ADF; <b>Optional:</b> 500-sheet tray 3; Integrated cart/stand with 500-sheet tray 3, 500 sheet tray 4, and 500-sheet tray 5		
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	<b>Tray 1:</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); 163 to 200 g/m <sup>2</sup> (brochure); 163 to 200 g/m <sup>2</sup> (card); <b>Tray 2:</b> 60 to 120 g/m <sup>2</sup> (plain paper); 125 to 250 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>Tray 3:</b> 60 to 120 g/m <sup>2</sup> (plain paper); 125 to 250 g/m <sup>2</sup> (photo); 120 to 180 g/m <sup>2</sup> (brochure); 163 to 200 g/m <sup>2</sup> (card); <b>Tray 4:</b> 60 to 120 g/m <sup>2</sup> (plain paper); 125 to 250 g/m <sup>2</sup> (photo); 120 to 180 g/m <sup>2</sup> (brochure); 163 to 200 g/m <sup>2</sup> (card); <b>Tray 5:</b> 60 to 120 g/m <sup>2</sup> (plain paper); 125 to 250 g/m <sup>2</sup> (photo); 120 to 180 g/m <sup>2</sup> (brochure); 163 to 200 g/m <sup>2</sup> (card)		
Media sizes custom	<b>Tray 1:</b> 76 x 127 to 216 x 356 mm; <b>Tray 2:</b> 102 x 210 to 216 x 297 mm; <b>Optional 500-sheet tray 3:</b> 102 x 210 to 216 x 356 mm; <b>Optional 500-sheet tray 4:</b> 102 x 210 to 216 x 356 mm; <b>Optional 500-sheet tray 5:</b> 102 x 210 to 216 x 356 mm		
<b>Dimensions (W x D x H)</b>	530 x 564 x 529 mm (20.8 x 22.2 x 20.8 in)		
<b>Weight</b>	32.3 kg (71.2 lb)		
<b>What's in the box</b>	HP PageWide Enterprise Color MFP 586dn; HP Setup Ink Cartridges (CMYK); Installation guide, Support flyer; Software drivers and documentation on CD-ROM; Power cord	HP PageWide Enterprise Color MFP 586F; HP Setup Ink Cartridges (CMYK); Installation guide, Support flyer; Software drivers and documentation on CD-ROM; Power cord	HP PageWide Enterprise Color Flow MFP 586z; HP Setup Ink Cartridges (CMYK); Installation guide, Support flyer; Software drivers and documentation on CD-ROM; Power cord
<b>Warranty features</b>	One-year, onsite warranty; one-year technical phone support, chat, and e-mail		
<b>Systems</b>			
Compatible operating systems	Windows OS compatible with In-Box Driver, Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows OS compatible with Universal Print Driver (From HP.com), Windows XP SP3 32- & 64-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32- & 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); Mac OS (HP Print Drivers available from HP.com and Apple Store), OS X 10.9 Mavericks, OS X 10.10 Yosemite, OS X 10.11 El Capitan; Mobile OS (in-OS drivers) iOS, Android, Windows 8/8.1/10 RT; Linux OS (in-OS HP Jetdirect Linux (12.2, 12.3, 13.1), Fedora (17, 18, 19, 20), Linux Mint (13, 14, 15, 16, 17), Boss (3.0, 5.0), Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10), Debian (6.0.x, 7.x); Other OS: UNIX		
Minimum system requirements	<b>PC:</b> 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 <a href="#">microsoft.com</a> ); <b>Mac:</b> Internet, USB, 1 GB available hard disk space; OS compatible hardware; (See <a href="#">Apple.com</a> )		
<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 Laser Jet Fonts and IPDS Emulation available at <a href="#">hp.com/go/laserjetfonts</a>		
<b>Control panel</b>	20.3 cm (8.0-in) 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 (8.0-in) 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
<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> 62 watts (printing), 24.0 watts (ready), 8.5 watts (sleep), 0.3 watts (manual-off), 0.3 watts (auto-off/manual-on)		<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> 62 watts (printing), 26.5 watts (ready), 8.5 watts (sleep), 0.3 watts (manual-off), 0.3 watts (auto-off/manual-on)
<b>Software included</b>	<b>For Windows OS:</b> 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; <b>For Mac OS:</b> Welcome screen directs users to <a href="#">HP.com</a> or OS application source for printer software		
<b>Acoustic</b>	<b>Acoustic power emissions:</b> 6.8 B(A), printing colour simplex A4 at 50 ppm; <b>Acoustic power emissions (active, copy):</b> 7.0 B(A), ADF copy colour simplex; 6.6 B(A), ADF scan colour simplex; <b>Acoustic power emissions (ready):</b> 3.5 B(A); <b>Acoustic pressure emissions (ready):</b> 15 dB(A)		
<b>Environmental ranges</b>	<b>Operating temperature range:</b> 15 to 30° C (59 to 81° F); <b>Recommended operating temperature:</b> 15 to 30° C (59 to 81° F); <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>Security management</b>	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 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, HP Sure Start, intrusion detection, whitelisting		
<b>Safety approvals and requirements</b>	IEC 60950-1:2005 +A1:2009 +A2:2013; EN60950-1:2006 +A11:2009 +A12:2010 +A12:2011 +A2:2013 +AC:2011; EN 62479:2010 / IEC 62479:2010; Compliance of IEC 60950-1 standard considers all country deviations according to the most recent IEC/CEC CB Bulletin; UL/CUL Listed and UL CoC (US/Canada); GS Certificate (Germany, Europe); Low Voltage Directive 2006/95/EC with CE Mark (Europe)		
<b>Supported network protocols</b>	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		

<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](#)  
<sup>2</sup> Exact speed varies depending on the system configuration, software application, driver and document complexity.  
<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](#). Exact speed varies depending on the system configuration, software application, driver, and document complexity.  
<sup>4</sup> May require a firmware upgrade to be compatible, download at [hp.com/go/support](#)  
<sup>5</sup> HP recommends that the number of printed pages per month 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> 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.

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