



HP PageWide Enterprise Color MFP 586 series

Ultimate value,³ fastest speeds,¹ and deepest security² for today's enterprise.

HP PageWide Technology delivers the fastest speeds³ and deepest security² for up to 40% lower color cost per page than color lasers.¹ Power productivity with seamless workflow features, and count on unparalleled multi-level security.²

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.
<http://www.hp.com/go/learnaboutsups>



HP PageWide Enterprise Color MFP 586dn



HP PageWide Enterprise Color MFP 586f



HP PageWide Enterprise Color Flow MFP 586z

Professional color, breakthrough low cost per page

- Results you expect and lasting value—up to 40% lower color cost per page than color lasers.¹
- Print professional-quality color on a variety of papers—perfect for office use.
- Print up to 2.5x more pages⁷ and replace less often than standard cartridges⁸ with high-yield options.
- Spend less time and budget on scheduled maintenance with streamlined HP PageWide Technology.⁹

Enterprise productivity at unmatched speeds¹

- Wait less, print more with unmatched speeds¹—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.¹¹
- Queue jobs, embed solutions, and use multiple functions at once—scan, copy, or fax while someone is printing.

Unparalleled fleet security and management²

- 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.

¹ Comparison of HP PageWide Pro and Enterprise class devices with the majority of in-class color laser MFPs < \$3,000 USD, and color laser printers < \$1,249 USD as of November 2016; market share as reported by IDC as of Q2 2016. Cost per page (CPP) reported by Gap Intelligence Pricing & Promotions report October 2016, comparisons for all supplies are based on published specifications of the manufacturers' highest-capacity cartridges and page yield. Average yield based on ISO/IEC 24711 and continuous printing. Actual yield varies based on content of printed pages and other factors. For details see <http://www.hp.com/go/learnaboutsups>.

² 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 <http://www.hp.com/go/printersthatprotect>

³ Lowest cost per color page claim applies to devices that are not sold under contract: Comparison of HP PageWide A4 Pro and Enterprise class devices with the majority of in-class color ink/laser MFPs (\$400-\$2,999), and color ink/laser single function printers (\$300-\$999) with >1% market share and print speeds >20ppm as of February 2017; market share as reported by IDC as of Q4 2016. Cost per page (CPP) reported by gap intelligence Pricing & Promotions Report January/February 2017, comparisons for devices/supplies not sold under contract are based on published specifications of the manufacturers' highest-capacity cartridges, inclusive of long life consumables and page yield. Average HP yield based on ISO/IEC 24711 and continuous printing in default mode. Actual yield varies based on content of printed pages and other factors. For more information, see <http://www.hp.com/go/learnaboutsups> and <http://www.hp.com/go/pagewideclaims>.

⁴ Measured using ISO/IEC 17629. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Learn more at <http://www.hp.com/go/printerclaims>

⁵ Energy claim for Enterprise devices based on TEC data, reported on energystar.gov, that is normalized for majority of in-class color laser MFPs \$1000-\$3000 USD and color 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 <http://www.hp.com/go/pagewideclaims>

⁶ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at <http://www.hp.com/go/printsecurity>

⁷ 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 <http://www.hp.com/go/learnaboutsups>

⁸ 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 <http://www.hp.com/go/learnaboutsups>

⁹ Less scheduled maintenance based on 150,000 pages printed, and published comparisons of majority of in-class color 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 <http://www.hp.com/go/pagewideclaims>

¹⁰ 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.

¹¹ Embedded OCR is intended for occasional use. For high-volume OCR usage, consider optional server-based HP Digital Sending Software.

¹² HP Web Jetadmin is available for download at no additional charge at <http://www.hp.com/go/webjetadmin>

¹³ 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 <http://www.hp.com/go/securitymanager>

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 pocket¹ 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	HP PageWide Enterprise Color MFP 586dn	HP PageWide Enterprise Color MFP 586f	HP PageWide Enterprise Color Flow MFP 586z
Model	MFP 586dn	MFP 586f	Flow MFP 586z (G1W41A)
Product number	G1W39A	G1W40A	G1W41A
50-sheet multipurpose tray 1; 500-sheet tray 2		√	
1x500-sheet paper tray		Optional	
3x500-sheet paper tray and stand		Optional	
Printer cabinet and stand		Optional	
HP High-Performance Secure Hard Disk		√	
Scan speed (single-pass, two-sided, letter/A4) ^{2,3}	Up to 45/43 images per minute (ipm), black; up to 40/38 ipm, color	Up to 45/43 ipm, black; up to 40/38 ipm, color	Up to 68/64 ipm, black; up to 60/58 ipm, color
Wireless direct Printing ⁴ /NFC ⁵		Optional	
Fax	Optional		√
Advanced workflow features, including pull-out keyboard		Not available	√

¹Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

²Measured 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.

³Scanning requires an Internet connection to the MFP. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com

⁴Wireless 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.

⁵Touch-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.

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 up to 40% lower color cost per page than color lasers.¹

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

2MU47A HP Accessibility Assistant
 2NR09A HP 2GB 144-Pin DDR3 TAA Version DIMM
 2TD64A HP Accessibility Kit
 3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory
 B5L28A HP Internal USB Ports
 B5L31A HP Foreign Interface Harness
 CC487A HP LaserJet MFP Analog Fax Accessory 500
 E5K48A HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
 E5K49A HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
 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
 HG277TT HP MICR Printing Solution - USB
 J8030A HP Jetdirect 3000w NFC/Wireless Accessory
 J8031A HP Jetdirect 2900nw Print Server
 A7W12A HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese
 B5L52A HP 200 ADF Roller Replacement Kit

Supplies

HP 981A Black Original PageWide Cartridge (~6000 ISO yield) J3M71A
 HP 981X High Yield Black Original PageWide Cartridge (~11000 ISO yield) LOR12A
 HP 981Y Extra High Yield Black Original PageWide Cartridge (~20000 ISO yield) LOR16A
 HP 981A Cyan Original PageWide Cartridge (~6000 ISO yield) J3M68A
 HP 981X High Yield Cyan Original PageWide Cartridge (~10000 ISO yield) LOR09A
 HP 981Y Extra High Yield Cyan Original PageWide Cartridge (~16000 ISO yield) LOR13A
 HP 981A Magenta Original PageWide Cartridge (~6000 ISO yield) J3M69A
 HP 981X High Yield Magenta Original PageWide Cartridge (~10000 ISO yield) LOR10A
 HP 981Y Extra High Yield Magenta Original PageWide Cartridge (~16000 ISO yield) LOR14A
 HP 981A Yellow Original PageWide Cartridge (~6000 ISO yield) J3M70A
 HP 981X High Yield Yellow Original PageWide Cartridge (~10000 ISO yield) LOR11A
 HP 981Y Extra High Yield Yellow Original PageWide Cartridge (~16000 ISO yield) LOR15A

Services

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



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HP PageWide Enterprise Color MFP 586 series

Model	HP PageWide Enterprise Color MFP 586dn	HP PageWide Enterprise Color MFP 586f	HP PageWide Enterprise Color Flow MFP 586z
Product number	G1W39A	G1W40A	G1W41A
AIO functions	Print, copy, scan; AIO multitasking supported: Yes	Print, copy, scan, fax; AIO multitasking supported: Yes	
Print	Print speed^{9,7}: Letter: Up to 50 ppm Black; Up to 50 ppm Color; 2-sided: Up to 25 ppm Black; Up to 25 ppm Color; First page out: As fast as 7.1 sec Black; As fast as 7.3 sec Color 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) 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) Print technology: HP PageWide Technology; Print resolution technology: 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 / HP SureSupply¹⁰: Printer Administrator Resource Kit for HP Universal Print Driver (HP Universal Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPLROG, 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 Proxy Agent); HP JetAdvantage Security Manager/ Yes		
Scan	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: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A 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 Scan Size: ADF: 8.5 x 14 in Maximum; 4.1 x 5.1 in Minimum; Flatbed: 8.5 x 14 in Scan speed: Up to 44 ppm (b&w), up to 40 ppm (color) Duplex: Up to 44 ppm (b&w), up to 40 ppm (color) Scanner advanced features: 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 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; S&L; 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	Copy speed⁹: Black (ISO): Up to 50 cpm; Color (ISO): Up to 50 cpm; First copy out: As fast as 7 sec Black; As fast as 9 sec Color; 2-sided: Up to 25 cpm Black; Up to 25 cpm Color Copy resolution: Black (text and graphics): Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi 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	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 TAD 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		
Connectivity	Standard connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000 network; 1 Hardware Integration Pocket Network capabilities: Yes, 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 / Hard disk: Standard, embedded HP High-Performance Secure Hard Disk, minimum 500 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)		
Duty cycle (monthly)	Letter: Up to 80,000 pages; Recommended monthly page volume⁸: 2000 to 7500		
Paper handling	Input: 500-sheet input tray, 50-sheet multipurpose tray, 100-sheet ADF; Up to 500 sheets Standard; Up to 37 envelopes; Not Supported; Up to 100 cards; Up to 425 sheets Labels; Not Supported Legal Output: Standard: 300 sheet face-down output bin; Up to 300 sheets Standard; Up to 100 cards; Up to 100 sheets Labels Duplex Options: Automatic (standard) Auto document feeder capacity: Standard, 100 sheets Envelope feeder: No Standard paper trays: 2 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 weight: 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: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card); Optional Tray 4: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card) Media sizes: 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: Letter, oficio, legal, statement, executive; Optional Tray 4: Letter, oficio, legal, statement, executive; Optional Tray 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: 4.0 x 8.3 in to 8.5 x 14 in; Optional Tray 4: 4.0 x 8.3 in to 8.5 x 14 in; Optional Tray 5: 4.0 x 8.3 in to 8.5 x 14 in 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 Weight¹: 71.2 lb		
What's in the box	HP PageWide Enterprise Color MFP 586dn; HP Setup Ink Cartridges (yield after setup ~6000 pages CMWK); Installation guide; Support flyer; Software license and documentation; CD-ROM Power cord	HP PageWide Enterprise Color MFP 586f; HP Setup Ink Cartridges (yield after setup ~6000 pages CMWK); Installation guide; Support flyer; Software license and documentation; CD-ROM Power cord	HP PageWide Enterprise Color Flow MFP 586z; HP Setup Ink Cartridges (yield after setup ~6000 pages CMWK); Installation guide; Support flyer; Software license and documentation; CD-ROM Power cord
Replacement cartridges?	HP 981A Black Original PageWide Cartridge (~6000 ISO yield) J3M71A; HP 981X High Yield Black Original PageWide Cartridge (~11000 ISO yield) LOR12A; HP 981Y Extra High Yield Black Original PageWide Cartridge (~20000 ISO yield) LOR16A; HP 981A Cyan Original PageWide Cartridge (~6000 ISO yield) J3M68A; HP 981X High Yield Cyan Original PageWide Cartridge (~10000 ISO yield) LOR10A; HP 981Y Extra High Yield Cyan Original PageWide Cartridge (~16000 ISO yield) LOR13A; HP 981A Magenta Original PageWide Cartridge (~6000 ISO yield) J3M69A; HP 981X High Yield Magenta Original PageWide Cartridge (~10000 ISO yield) LOR10A; HP 981Y Extra High Yield Magenta Original PageWide Cartridge (~16000 ISO yield) LOR14A; HP 981A Yellow Original PageWide Cartridge (~6000 ISO yield) J3M70A; HP 981X High Yield Yellow Original PageWide Cartridge (~10000 ISO yield) LOR11A; HP 981Y Extra High Yield Yellow Original PageWide Cartridge (~16000 ISO yield) LOR15A		
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® qualified; EPEAT® Silver; CECP		
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		
Display	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 ¹	Windows OS compatible with In-Box Driver: Windows XP SP3 all 32-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 11.0 El Capitan; Mobile OS (In-OS drivers) iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP, SUSE 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		
Compatible network operating systems	Windows OS compatible with In-Box Driver: Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-bit (64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services); Citrix (on Windows Server 2003/2003R2), Citrix MetaFrame Presentation Server, 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3), Citrix on Windows Server 2008/2008R2, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3), Citrix XenApp 6.0/6.5/7.5, Citrix XenDesktop 5.6/5.7/5.8, Citrix on Windows Server 2012/2012R2, Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Novell Servers: www.novell.com/print, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11 SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8, Novell Clients on www.novell.com/print; Windows 8 (32-bit / 64-bit only) recommend v.5.82+, 8.1 recommend v.5.84+, Windows 7 (32-bit / 64-bit) recommend v.5.82+, Windows Vista (32-bit / 64-bit) recommend v.5.82+, Windows XP / SP3 (32-bit only) recommend v.5.82+		
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 ¹²	Power supply type: Internal (Built-in) power supply; Power supply required: Input voltage, 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption¹²: 62 watts (printing), 26.5 watts (ready), 0.65 watts (min sleep), 8.45 watts (max sleep), 0.3 watts (manual-off), 0.3 watts (auto-off/manual-on); Typical electricity consumption (TEC) number: BA: 1.148 kWh/wk; ES: 1.869 kWh/wk	Power supply type: Internal (Built-in) power supply; Power supply required: Input voltage, 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption¹²: 62 watts (printing), 26.5 watts (ready), 0.65 watts (min sleep), 8.45 watts (max sleep), 0.3 watts (manual-off), 0.3 watts (auto-off/manual-on); Typical electricity consumption (TEC) number: BA: 1.148 kWh/wk; ES: 1.877 kWh/wk	Power supply type: Internal (Built-in) power supply; Power supply required: Input voltage, 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption¹²: 62 watts (printing), 24.0 watts (ready), 0.65 watts (min sleep), 8.45 watts (max sleep), 0.3 watts (manual-off), 0.3 watts (auto-off/manual-on); Typical electricity consumption (TEC) number: BA: 1.148 kWh/wk; ES: 1.877 kWh/wk
Acoustics	Acoustic power emissions: 6.8 B(A), printing color simplex A4 at 50 ppm		
Operating environment	Operating temperature range: 59 to 86°F; Recommended operating temperature: 59 to 86°F; Storage temperature range: Before initial setup (Non-Purged): -40 to 140°F; After initial setup (Purged): 32 to 140°F; 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); Operating humidity range: 20 to 80% RH; Recommended operating humidity range: 23 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 WiFi-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 HP's 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		

¹ With ink installed, no media in trays

² 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.

³ Average color composite (cyan/magenta/yellow) pages and black yields based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>

⁴ First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

⁵ Upgradeable with 1GB DIMM

⁶ 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>

⁷ Exact speed varies depending on the system configuration, software application, driver and document complexity.

⁸ 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.

⁹ HP recommends that the number of scanned pages per month be within the stated range for optimum device performance

¹⁰ HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit <http://www.hp.com/go/SureSupply>

¹¹ Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; Legacy Windows Operating Systems (XP, Vista, and equivalent servers) get print and Scan drivers only; Windows RT OS for Tablets (32- & 64-bit) uses a simplified HP print driver built into the RT OS; UNIX modelscripts are available on HP.com (Modelscripts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software; HP Software for Mac is no longer included on the CD, but can be downloaded from hp.com; The Mac printer drivers are installed for Mac operating systems.

¹² Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

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