Print, copy, scan, fax (optional)

HP PageWide Managed Color Flow MFP E77660z



HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.





Affordable colour printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per colour page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.²
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient printer in its class.⁴



Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed MFP designed for the least maintenance in its class.5
- Print speeds up to 50% faster than competitors—as fast as 80 ppm in colour and black-and-white.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft® Office 365 and SharePoint, plus email, USB, and network folders.



The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network, and store data on the encrypted hard disk.⁸
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.



Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimised.
- Load up to 200 pages into the automatic document feeder for fast, unattended scanning.
- Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then
- self-validate software integrity in a reboot. For a list of printers, visit hp.com/go/PrintersThatProtect. For more information: hp.com/go/printersecurityclaims

 High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with
- HP 982A series Original PageWide Cartridges. Learn more at hp.com/go/learnaboutsupplies Comparison based on printing in Professional Mode.
- Energy claim based on TEC data reported on energystar.gov as of March 2017. Data normalized to determine energy efficiency of in-class A3 colour laser printers (\$1500-\$2999) and MFPs (\$3000-\$7499)
- as of February 2017, excluding other HP PageWide products. Subject to device settings. Actual results may vary.

 Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% colour ratio). Learn more at hp.com/go/pagewideclaims
 Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (\$3000-\$7499), and colour ink/laser single function printers (\$1500-\$2999) as of April 2017; market share as
- reported by IDC as of Q4 2016, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at <u>hp.com/go/printerspeeds</u> Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com
- Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity

Technical specifications

| Functions Print | Print, copy, scan, fax (optional) | |
|---|---|--|
| Duplex print options | Automatic (standard) | |
| Technology Speed ¹ | HP PageWide Technology Black: Up to 80 ppm (General office mode, A4); Up to 60 ppm (Professional mode, A4); Colour: Up to 80 ppm (General Office mode, A4) | |
| First page out ² | Up to 60 ppm (Professional mode, A4); Duplex printing : Black/Colour (Professional mode): Up to 40 ppm Black (A4, ready) : As fast as 7.1 seconds; Colour (A4, ready) : As fast as 7.1 seconds | |
| Resolution | Black (best): Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Colour (best): Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers) | |
| Languages | HP PCL 5; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7 | |
| HP ePrint capability | Yes | |
| Print cartridges Printer management | 4 (1 each black, cyan, magenta, yellow) HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator | |
| Printer smart software features | Resource Kit for HP Universal Print Driver HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; Open Extensibility Platform, FutureSmart Firmware, HP ePrint, Apple AirPrint**, HP Auto-On/Auto-Off technology, HP Color Access Control, HP EasyColor, Front-facing USB printing, store print jobs, HP EasyColor, print preview, automatic two-sided printing, p multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientatic High Quality Grayscale and Black Ink Ohly, General Office/Professional/Presentation dpj print modes, Optional: HP and third party | |
| ican | extensibility solutions; wireless | |
| Туре | Flatbed, ADF | |
| Technology | Charge Coupled Device (CCD) & Contact Image Sensor (CIS) | |
| Speed Bit depth | Single-sided (A4): Up to 120 ipm (black and colour); Two-sided (A4): Up to 240 ipm (black and colour) 24-hit | |
| Resolution | Hardware: Up to 600 ppi; Optical: Up to 600 dpi; Enhanced: Up to 600 ppi | |
| Max scanning size | Flatbed: 297 x 432 mm; ADF: 297 x 432 mm; Up to 297 x 864 mm when "long scan size" selected | |
| Grayscale levels Input modes | 256 Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform | |
| File format | (OXP) applications 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/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (prn.,pd.,cht) | |
| Digital sending standard | 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; | |
| features Copy | SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF | |
| Speed ³ | Black: Up to 80 cpm (General office mode, A4); Up to 60 cpm (Professional mode, A4); Colour: Up to 80 cpm (General office mode, A4); Up to 60 cpm (Professional mode, A4) | |
| First copy out ³ | Black (letter): As fast as 7.9 seconds; Colour (letter): As fast as 7.9 seconds | |
| Resolution | Black (text and Graphics): Up to 600 x 600 dpi; Colour (text and graphics): Up to 600 x 600 dpi | |
| Max copies Copier reduce/enlarge | Up to 9,999 copies 25 to 400% | |
| Copier settings | Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content | |
| Copier smart software features | orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto colour detection; Two-sided copying; Image | |
| Fax (Optional) | adjustments (darkness, background cleanup, sharpness); Job build | |
| Resolution | Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Colour (fine): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only) | |
| Transmission speed ⁴ | Up to 33.6 kbps; 3 sec per page | |
| Fax features Display | Faxing: Optional; Faxing options (ADP): Simultaneous Two-Sided, Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes (Pax Poulling supported: Yes (Pax Poulling supported: Yes (Pax Poulling supported: Yes); Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No 2.0.3 cm (8.0.1) touchscreen, XVA Colour Graphic Display (CGD) | |
| Duty cycle (monthly, A4) ⁵ | Up to 250,000 pages | |
| Recommended monthly page volume ⁶ | 2,500 to 50,000 pages | |
| Media | | |
| Custom sizes Recommended Weights | Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCl Trays 3 & 4: A4 & Letter Only 60 to 220 g/m², 300 g/m² Photo Paper Only | |
| Types | Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards | |
| Paper handling | Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); Output (standard): 500-sheet output bin | |
| Processor speed | 1.2 GHz | |
| Operating system compatibility | Android, Linux Boss (S.O), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 24), Linux Mint (7.1, 7.1, 7.2, 17.3, 19), Linux Red Hat Enterprise (6.0, 7.0), Linux SUS (13.2, 4.2.1), Linux Ubuntu (1.2.0, 4, 14.0.4, 15.10, 16.0.4, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Windows (13.2), 25-bit editions (excluding RT OS for Tablets), Windows (14.2), 23-bit editions (excluding RT OS for Tablets). | |
| Minimum system requirements | PC: Windows® 10, 8.1. 8, 7:1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows® VS PS 9: or higher (32-bit only), any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Miac Applie® OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.3 GB available that pace; Internet required; USB port. | |
| Connectivity | | |
| Connectivity (Standard) Wireless capability | 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 Optional, enabled with purchase HP Jetdirect 3000w NFC/Wireless Accessory | |
| Mobile printing capability | HP ePrint, Apple AirPrint™, Google Cloud Print | |
| 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) | |
| Supported network protocols | 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 | |
| Dimensions (W x D x H) Weight | Operating: 813 x 616 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb) | |
| Environmental | | |
| Operating environment | Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating temperature range: 15 to 30° C (59 to 86° F); Recommended operating temperature range: 17 to 25° C (63 to 77° F); Non-operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (32 to 140° F) | |
| Acoustics | Acoustic power emissions: 6.8 B(A); Acoustic power emissions (active copy): 7.0 B(A); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions: 55 dB(A) (printing at 61 ppm); Acoustic pressure emissions Bystander (ready): Inaudible; Acoustic power emissions (active scan): 7.2 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions bystander (active scan): 57 dB(A) (scanning at 129 ppm with ADF running) | |
| Power specifications | Power supply type: Internal (Built-in) power supply; Power supply required: Input voltage: 100 to 240 VAC, 50/60 Hz; Power consumption 660 watts (print/copy), 42 watts (ready), 16 watts (sleep), 0.2 watts (aluto-off), 0.2 watts (off); Typical Electricity Consumption (TEC)*: 1.42 kWh/Week; Blue Angel (Sleep mode): Test 2 (Blue Angel); Blue Angel (Normal mode): Test 3 (Blue Angel); Energy-saving features: HP Auto-On/Auto-Off Technology | |
| Software included | HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals | |
| Narranty | 90 days parts only warranty. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support | |
| What's in the box | to learn about HP award winning service and support options in your region. HP PageWide Managed Color MFP E77660z; HP Setup Ink Cartridges (yield after setup ~8,000 pages CMY and 10,000 K); installation quide, Support flyer; documentation on CD-ROM; Power cord | |
| Safety and regulatory | EN 60950-1:2006 + A11:2009 +A1:2010 +A12:2011 +A2:2013; IEC 60950-1:2005 +A1:2009 +A2:2013; EN 62471:2008; IEC | |
| compliance Electromagnetic emission | 62471:2010; EN 62479:2010; IEC 62479:2010; China CCC; GS; UL Listed CISPR 22:2008 Class A. CISPR 32:2012 Class A. EN 55032:2012 Class A. ECC CER 47 Part 15 Class A. ICES-003 Issue 6 Class A. EN | |
| Electromagnetic emission standard | CISPR 22:2008 Class A, CISPR 32:2012 Class A, EN 55032:2012 Class A, FCC CFR 47 Part 15 Class A, ICES-003 Issue 6 Class A, EN 61000-3-3:2013, EN 61000-3-2:2014 | |

Ordering information

Description

| J7Z03A | HP PageWide Managed Color Flow MFP E77660z | | |
|------------------------|---|--|--|
| Accessories (Optional) | | | |
| Number | Description | | |
| P1V16A | HP PageWide Managed 550-sheet Paper Tray | | |
| P1V17A | HP PageWide Managed 550-sheet Paper Tray and Stand | | |
| P1V18A | HP PageWide Managed 3x550-sheet Paper Tray and Stand | | |
| P1V19A | HP PageWide Managed 4000-sheet HCI Paper Tray and Stand | | |
| A7W99A | HP PageWide 550-sheet Paper Tray | | |
| W1B50A | HP PageWide 550-sheet Paper Tray and Stand | | |
| W1B51A | HP PageWide 3x550-sheet Paper Tray and Stand | | |
| W1B52A | HP PageWide 4000-sheet HCI Paper Tray and Stand | | |
| B5L29A | HP High-Performance Secure Hard Disk | | |
| B5L28A | HP Internal USB Ports | | |
| B5L31A | HP Foreign Interface Harness | | |
| E5K48A | HP 1 GB x32 144-pin (800 MHz) DDR3 SODIMM | | |
| J8031A | HP Jetdirect 2900nw Print Server | | |
| J8030A | HP Jetdirect 3000w NFC/Wireless Accessory | | |
| CC487A | HP LaserJet MFP Analog Fax Accessory 500 | | |

Replacement Cartridges and LLC's9

| Number | Description |
|-----------|---|
| M0K31XC | HP 993XC Black Contract PageWide Cartridge (22,000) |
| M0K08XC | HP 993XC Cyan Contract PageWide Cartridge (16,000) |
| M0K12XC | HP 993XC Magenta Contract PageWide Cartridge (16,000) |
| M0K27XC | HP 993XC Yellow Contract PageWide Cartridge (16,000) |
| W1B44A | HP PageWide Service Fluid Container (~150,000 pages) |
| W1B43A | HP PageWide Printhead Wiper Kit (~150,000 pages) |
| W1B45A | HP PageWide Roller Kit (~150,000 pages) |
| 10 10 5 V | HD 200 ADE Poller Poplercoment Vit (~150 000 pages) |

Recommended Papers¹⁰

| Number | Description | |
|--|--|--|
| Z7S68A | HP PageWide Bro GL A3 100 sheets FSC Paper | |
| Z7S67A | HP PageWide Bro GL A4 200 sheets FSC Paper | |
| Please visit hp.com/apac/paper for more details. | | |

| Number | Description | |
|---|---|--|
| U9RL1E | HP 1-year Next Business Day w/DMR PageWide | |
| | Color 776xx Managed SVC | |
| U9RL2E | HP 3-year Next Business Day w/DMR PageWide | |
| | Color 776xx Managed SVC | |
| U9RL4E | HP 5-year Next Business Day w/DMR PageWide | |
| | Color 776xx Managed SVC | |
| U9RL5E | HP 3-year 4h9x5w/DMR PageWide Color 776xx | |
| | Managed SVC | |
| U9RL7E | HP 5-year 4h9x5w/DMR PageWide Color 776xx | |
| | Managed SVC | |
| U9JT2E | HP Installation Service w Network Workgroup Printer | |
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¹ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see hp.com/go/printerclaims ² Exact speed varies depending on the system configuration, software application, driver and document complexity. ³ 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. ⁴Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.3 4 and 6 sec/page for V.17 ⁵ 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 Pagewide devices, and enables appropriate deployment of printers and MFPs to This value provides a comparison of product robustness in relation to other HP Pagewide devices, and enables appropriate deployment of printers and MFPs to astisfy the demands of connected individuals or groups. 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. "Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and vold the product warranty. Power consumption values typically based on measurement of 115V device. "Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and vold the product warranty, Energy Star value typically based on measurement of 115V device. "Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and vold the product warranty. Energy Star value typically based on measurement of 115V device. "Average colour composite (C/MY) 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

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