



HP PageWide Pro 477dw Multifunction Printer

HP PageWide Pro is faster¹ than any color MFP in its class, for the lowest color cost.²

HP PageWide Pro delivers the fastest speeds¹ in its class for up to 40% lower color cost per page than color lasers.² Get professional-quality color and fast two-sided scanning, plus best-in-class security features³ and energy efficiency.⁴



This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

Professional mode speed: Up to 40 ppm black; Up to 40 ppm color

Scan resolution: Up to 1200 x 1200 dpi hardware; Up to 1200 dpi optical

Copy resolution: Up to 600 dpi black (text and graphics); Up to 600 dpi color (text and graphics)

Standard connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line; 802.11 b/g/n Station; 802.11 b/g Access Point

Paper handling: 500-sheet input tray, 50-sheet multi-purpose tray; 300-sheet face-down output bin

Duty cycle (monthly): Up to 50,000 pages

Professional color, breakthrough low cost per page

- Results you expect and lasting value—up to 40% lower color cost per page than color lasers.²
- Print professional-quality color on a variety of papers—perfect for office use.
- Print more pages and replace cartridges less often, using Original HP PageWide high-yield cartridges.⁷
- Spend less time and budget on scheduled maintenance with streamlined HP PageWide Technology.³

The fastest MFP in its class¹

- Wait less, do more with unmatched speeds¹—up to 55 ppm—and the fastest first-page printing in its class.⁵
- Get fast two-sided scanning directly to email and the cloud with this LDAP-enabled MFP.⁹
- Manage tasks from a 4.3-inch (10.9 cm) touchscreen. Print Microsoft® Word and PowerPoint® files from USB.⁶
- Print from your mobile device with Wi-Fi Direct® and NFC touch-to-print technology—no network needed.^{10,11}

Proven technology. Superior energy efficiency.⁴

- Minimize downtime with HP PageWide Technology that delivers reliable performance businesses demand.
- Conserve with HP PageWide Technology—designed to use less energy than any MFP in its class.⁴
- Get professional-quality color documents and the performance you expect with Original HP PageWide cartridges.

Best-in-class security³ and management features

- Help protect your investment and extend capabilities as your needs grow, with a portfolio of solutions.¹²
- Help ensure the security of confidential information. Enter a PIN at the device to retrieve your print job.
- Regulate color use and reduce printing costs with HP Color Access Control.¹³
- Help keep your printer secure—from boot up to shutdown—with secure boot and secure code integrity validation.



¹ Comparison based on manufacturers' published specifications of fastest available color mode of all color business printers \$300-\$800 USD and MFPs \$400-\$1000 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 <http://www.hp.com/go/printerspeeds>. ² 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/learnaboutsupplies>. ³ Best-in-class security claim based on HP review of published embedded security features of competitive in-class Pro printers as of January 2016. Learn more at <http://www.hp.com/go/printersecurityclaims>. ⁴ Energy claim based on TEC data reported on [energystar.gov](http://www.energystar.gov). Data normalized to determine energy efficiency of majority of in-class business printers \$300-\$800 USD and MFPs \$400-\$1000 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>. ⁵ Comparison based on manufacturers' published specifications of first page out from ready and sleep mode of all color business printers \$300-\$800 USD and MFPs \$400-\$1000 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. Subject to device settings. Actual results may vary. Learn more at <http://www.hp.com/go/printerspeeds>. ⁶ Feature works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported. ⁷ HP 970X High Yield Original PageWide Cartridges are not included in printer purchase; purchase separately. Comparison based on ISO 24711 cartridge yields for HP 970 series High Yield Original PageWide Cartridges compared with HP 970 series Original PageWide Cartridges. High-yield cartridges are compatible only with HP PageWide Pro 400 and 500 series MFPs and printers. Learn more at <http://www.hp.com/go/learnaboutsupplies>. ⁸ Less scheduled maintenance based on 150,000 pages printed, and published comparisons of majority of in-class color laser printers \$300-\$800 USD and MFPs \$400-\$1000 USD as of November 2015; market share as reported by IDC as of Q3 2015. Learn more at <http://www.hp.com/go/pagewideclaims>. ⁹ Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com. ¹⁰ Mobile device needs to be connected directly to the signal of a Wi-Fi Direct® supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®. For details, see hp.com/go/mobileprinting. ¹¹ Requires a compatible NFC-printing-enabled mobile device. For a list of compatible NFC-printing-enabled mobile devices, see <http://www.hp.com/go/nfcprinting>. ¹² Additional workflow solutions available through HP's software and third-party partner program. For solution details, visit <http://www.hp.com/go/gsc>. ¹³ HP Color Access Control available only on HP PageWide Pro devices with a 4.3-inch touchscreen. Learn more at <http://www.hp.com/go/pagewidebusiness>.

Technical specifications

Functions / Multitasking supported	Print, copy, scan, fax / Yes
Print speed ^{5, 6}	First page out Letter: As fast as 6.5 sec Black; As fast as 7 sec Color; First page out A4: As fast as 6.5 sec Black; As fast as 7 sec Color; Letter: Up to 40 ppm Black; Up to 40 ppm Color; A4: Up to 40 ppm Black; Up to 40 ppm Color; Black (ISO): Up to 40 ppm; Color (ISO): Up to 40 ppm; Draft Letter: Up to 55 ppm Black; Up to 55 ppm Color; Draft A4: Up to 55 ppm Black; Up to 55 ppm Color
Print resolution	Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color (best): Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers);
Print technology	HP PageWide Technology with pigmented inks
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Borderless printing	No
Standard print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation
Printer smart software features	HP ePrint, HP Mobile Apps, Google Cloud Print v2, Apple AirPrint™, HP EasyColor print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation/Maximum dpi print modes, front USB port, copy/scan/fax; Control Panel Shortcuts; HP UPD PIN printing; HP Color Access Control; Optional: HP and third party extensibility solutions; wireless
Scan	
Color scanning	Yes
Scan speed	Up to 25 ipm (mono & color) 2-sided: Up to 26 ipm (mono & color)
Scan type / Technology	Flatbed, ADF / Contact Image Sensor (CIS)
Scan resolution	Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi
Scan file format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PDF/A (.pdf), PNG (.png), Rich Text (.rtf), Text (.txt), TIFF (.tif)
Scan input modes	Front panel applications: Copy, Scan to E-mail with LDAP e-mail address lookup, Scan to Network Folder, Scan to USB, Scan to Sharepoint, Scan to Computer with SW. Client applications: EWS, HP Scan App, Compatible with HP Capture and Route
Scan Size	ADF: 8.5 x 14 in Maximum; Flatbed: 8.5 x 14 in
Scanner advanced features	Image adjustments; Output quality setting; Selectable scan resolution 75 to 1200 dpi; Job notification; Scan and save to destinations: network folder, Computer, Sharepoint, USB flash drive, e-mail; OCR
Duplex ADF scanning	Yes
ADF capacity	Standard, 50 sheets
Twain version	Version 1.9
Bit depth / Grayscale levels	24-bit (color); 8-bit (gray)/256
Digital sending standard features	Scan-to E-mail with LDAP email address lookup; Scan-to Network Folder; Scan-to USB; Scan-to Sharepoint; Scan-to Computer with SW; Fax Archive-to Network Folder; Fax Archive to E-mail; Fax-to Computer; Enable/Disable Fax; Enable/Disable color Fax, Color Access Control; Native Authorization & authentication
Copy	
Copy speed ³	Black (ISO): Up to 40 cpm; Color (ISO): Up to 40 cpm; Black (draft): Up to 55 cpm; Color (draft): Up to 55 cpm
Copy resolution	Black (text and graphics): Up to 600 dpi; Color (text and graphics): Up to 600 dpi
Maximum number of copies	Up to 99 copies
Copier resize	25 to 400%
Copier settings	ID Copy; Resize; Quality; Lighter/Darker; Two-sided copying; Tray Selection; Collate; Binding Margins; Copy Preview with Crop and resize; Enhancements; Enable/Disable copy; Enable/Disable copy color; Color Access Control; Native Authorization & authentication; Set as New Defaults
Fax	
Fax speed	Up to: 33.6 kbps / Letter: 4 sec per page
Fax resolution	Black (best): 300 x 300 dpi; Color (best): 200 x 200 dpi; Black (standard): 203 x 98 dpi; Color (standard): 200 x 200 dpi
Fax smart software features	Digital Fax - Fax to Computer is available with Windows and Macintosh, visit http://www.hp.com/support to download the latest software.
Fax Features ⁴	Fax memory: Up to 100 pages (black and white); Up to 8 pages (color); Auto fax reduction supported: Yes; Auto-redialing: Yes; Fax delayed sending: Yes; Distinctive ring detection supported: Yes; Fax forwarding supported: Yes; Fax phone TAM interface supported: Yes; Fax polling supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; requires Caller ID; Maximum speed dialing numbers: Up to 199 numbers; PC interface supported: Yes; HP Software support provided; Telephone handset supported: Yes
Connectivity	
Standard connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line; 802.11 b/g/n Station; 802.11 b/g Access Point
Network capabilities	Yes, via built-in Ethernet, wireless 802.11 b/g/n
Wireless capability	Yes, built-in WiFi 802.11 b/g/n
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps
Memory	Standard: 768 MB; Maximum: 768 MB
Processor speed	1.2 GHz /
Duty cycle (monthly) ⁷	Letter: Up to 50,000 pages; A4: Up to 50,000 pages; Recommended monthly page volume ⁸ : 750 to 4500
Recommended monthly page volume ⁹	750 to 4500
Paper handling	Input Capacities: Up to 500 sheets Standard; Up to 37 envelopes; Up to 100 cards; Up to 225 sheets Labels; Output Capacities: Up to 300 sheets Standard; Up to 35 envelopes ; Up to 100 cards; Up to 100 sheets Labels; Up to 250 sheets Legal; Duplex Options: Automatic (standard); 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 ¹⁰	Tray 1: 16 to 32 lb (plain paper); 33 to 80 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card); Tray 2: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card); Tray 3: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card)
Media sizes supported	Tray 1: Letter, oficio, legal, statement, executive, 3 x 5 in, 4 x 6 in, 5 x 7 in, envelopes (No. 10, Monarch); Tray 2: Letter, statement, executive, envelopes (No. 10); Tray 3: 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
What's in the box	D3Q20A HP PageWide Pro 477dw Multifunction Printer; HP 972 Setup Black PageWide Cartridge (~2500 pages); HP 972 Setup Cyan PageWide Cartridge; HP 972 Setup Magenta PageWide Cartridge; HP 972 Setup Yellow PageWide Cartridge (CMY composite ~1000 pages); power cord; phone cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide). [For ink volume and page yield information, visit http://hp.com/go/learnaboutsupplies .]
Replacement cartridges	HP 972A Black Original PageWide Cartridge (~3500 pages) F6T80AN; HP 972A Cyan Original PageWide Cartridge L0R86AN; HP 972A Magenta Original PageWide Cartridge L0R89AN; HP 972A Yellow Original PageWide Cartridge L0R86AN; (CMY composite ~3000 pages); HP 972X High Yield Black Original PageWide Cartridge (~10,000 pages) F6T84AN; HP 972X High Yield Cyan Original PageWide Cartridge L0R98AN; HP 972X High Yield Magenta Original PageWide Cartridge L0S04AN; HP 972X High Yield Yellow Original PageWide Cartridge L0S04AN (CMY composite ~7000 pages). Actual yield varies considerably based on content of printed pages and other factors. For details, see http://www.hp.com/go/learnaboutsupplies .
Product dimensions	W x D x H: 20.9 x 16.0 x 18.4 in; Maximum: 31.6 x 27.3 x 18.4 in
Product weight ¹	48.83 lb
Warranty features	One-year, on-site warranty, service and support; one-year technical phone support, chat, and e-mail
Energy star certified	Yes
Energy efficiency compliance	ENERGY STAR® qualified; China CEL; China CCC and CECP; EPEAT® Silver
Control panel	4.3" CGD (color graphics), IR touchscreen
Display description	4.3" CGD (color graphics), IR touchscreen
Software included	Windows Installer and discrete PCL 6 driver; Mac Installer and PS driver; HP Participation Study; IRIS OCR
Web solutions	HP JetAdvance On Demand; variety of Apps including Scan to email
Compatible operating systems	Windows 10, Windows 8, Windows 7, Mac OS X v10.11 El Capitan, OS X v10.10 Yosemite, OS X v10.9 Mavericks, Linux (hplip.net)
Compatible network operating systems	Windows 8, Windows 7, Windows 10, Mac OS X v10.11 El Capitan, OS X v10.10 Yosemite, OS X v10.9 Mavericks, Windows 2003 Server (Standard Edition, Enterprise Edition, 32bit & 64-bit), Windows 2003 Server R2 (Standard Edition, Enterprise Edition, 32bit & 64-bit), Windows Small Business Server 2003 (32bit & 64-bit), Windows 2008 Server (Standard Edition, Enterprise Edition, 32bit & 64-bit), Windows Small Business Server 2008 (64-bit), Windows 2008 Server R2 (Standard Edition, Enterprise Edition, 64-bit), Windows Small Business Server 2011, Windows Server 2012, Windows Cluster (Windows Server 2008 R2), Windows Terminal Services (Windows Server 2008 R2), Windows 2003 Server Terminal Services with Citrix Metaframe XP with Feature Release 3, Windows Server 2003 Terminal Services with Citrix Presentation Server 4.0/4.5, Windows Server 2008 Terminal Services, Windows Server 2008 Terminal Services with Citrix XenApp, Citrix (Print): Xen Server 5.6, Xen Desktop 5.5, Citrix XenApps 6.0, Citrix XenApp 6.5, Novell Netware 6/6.5/Open Enterprise Server 6.5 (Novell: Print support only), Linux (For more information, see hplip.net), SAP (For more information, see http://www.hp.com/go/sap/drivers), UNIX (For more information, see http://www.hp.com/go/unixmodelscripts)
Minimum system requirements	PC: Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 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, Internet Explorer 8; Mac: Apple® OS X v10.11 El Capitan, OS X v10.10 Yosemite, OS X v10.9 Mavericks; 1 GB HD; Internet required; USB
Power ²	Power supply type: Internal (Built-in) Universal Power Supply; Power requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz). Not dual voltage, power supply varies by part number with # Option code identifier. Power consumption: 115 watts (Maximum), 44.4 watts average (Printing), 11 watts (Ready), 2.9 watts (Sleep), 0.2 watts (Manual-Off)
Acoustics	Acoustic power emissions: 6.9 dBA ; Acoustic pressure emissions: 56 dB(A) (mono/color printing), 54 dB(A) (ADF mono copying), 54 dB(A) (ADF color copying), 45 dB(A) (ADF color scanning), 45 dB(A) (ADF mono scanning), Inaudible (idle)
Operating environment	Operating temperature range: Recommended operating temperature: 15 to 30°C; Storage temperature range: -40 to 60°C; Non-operating humidity range: 5 to 90% RH; Operating humidity range: 20 to 80% RH; Recommended humidity operating range:
Accessories	HP PageWide Pro 500-sheet Paper Tray (D3Q23A); HP HW Integration Pocket 500 Managed PageWide Pro Reader (2TC99A)
HP Service and Support options	U8ZW6E - HP 2 year Next Business Day PageWide Pro X477 Hardware Support; U8ZW7E - HP 3 year Next Business Day PageWide Pro X477 Hardware Support; U8ZW8E - HP 4 year Next Business Day PageWide Pro X477 Hardware Support; U8ZW9E - HP 5 year Next Business Day PageWide Pro X477 Hardware Support; U8ZX6E - HP 3 year Next Business Day Exchange PageWide Pro X477 Service; U8A01E - HP Network Installation Office/Jet/PageWide Pro X47x-X57x Service

Learn more at hp.com

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. Power consumption in Sleep modes depends on customer network switch capability, user configuration and network activity. ³ Speed specifications have been updated to reflect current industry testing methods. ⁴ Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. ⁵ ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see <http://hp.com/go/printerclaims> ⁶ No heating or fusing warm up time required ⁷ Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. 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 SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Internet. For more information, visit hp.com/learn/suresupply. Only available with original HP supplies; Internet access required. ¹⁰ All HP media listed as compatible with the printer in the HP DesignJet Printing Supplies Compatibility Guide, regardless of weight, may be used

