



HP PageWide Pro 477dw Multifunction Printer

Unbeatable value. Unparalleled speed.

Ultimate value and speed – HP PageWide Pro delivers the lowest total cost of ownership and fastest speeds in its class.^{1,2} Get quick two-sided scanning, plus best-in-class security features and energy efficiency.^{3,4}



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>



2-sided printing



Color touchscreen



HP PageWide technology color



Mobile printing

Professional colour, breakthrough total cost

- Results you expect and lasting value – breakthrough total cost of ownership, the lowest in its class.²
- Print professional-quality colour on a variety of papers – perfect for office use.
- Print more pages and replace cartridges less often, using Original HP PageWide high-yield cartridges.⁵
- Spend less time and budget on scheduled maintenance with streamlined HP PageWide Technology.⁶

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.⁷
- Get fast two-sided scanning directly to email and the cloud with this LDAP-enabled MFP.⁸
- Manage tasks from a 10.9 cm (4.3-inch) touchscreen. Print Microsoft® Word and PowerPoint® files from USB.⁹
- 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

- Minimise 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 colour 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 colour use and reduce printing costs with HP Colour Access Control.¹³
- Help keep your printer secure – from boot up to shutdown – with secure boot and secure code integrity validation.

Product walkaround

Accessories, Supplies and Support

Supplies	L0S07AE HP 973X High Yield Black Original PageWide Cartridge (~10,000 pages)
	F6T81AE HP 973X High Yield Cyan Original PageWide Cartridge (~7,000 pages)
	F6T82AE HP 973X High Yield Magenta Original PageWide Cartridge (~7,000 pages)
	F6T83AE HP 973X High Yield Yellow Original PageWide Cartridge (~7,000 pages)
Accessories	D3Q23A HP PageWide Pro 500-sheet Paper Tray
Service and 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 U8ZY4PE HP 1 year Post Warranty Next business day PageWide Pro X477 Hardware Support U8ZY5PE HP 2 year Post Warranty Next business day PageWide Pro X477 Hardware Support U8ZX8E HP 3 year Next business day Onsite Exchange PageWide Pro X477 Service U8ZX9E HP 4 year Next business day Onsite Exchange PageWide Pro X477 Service U8ZY0E HP 5 year Next business day Onsite Exchange PageWide Pro X477 Service U8ZY8PE HP 1 year Post Warranty Next business day Onsite Exchange PageWide Pro X477 Service

Technical specifications

Model	HP PageWide Pro 477dw Multifunction Printer
Product number	D3Q20B
Functions	Print, copy, scan, fax
Control panel	10.92 cm (4.3") CGD (Colour Graphic Display), IR touchscreen
Print	
Print speed ¹	Black (A4, normal): Up to 40 ppm; Colour (A4, normal): Up to 40 ppm; Black (A4, duplex): Up to 21 ipm; Colour (A4, duplex): Up to 21 ipm; Black (General Office): Up to 55 ppm; Colour (General Office): Up to 55 ppm;
First page out ²	Black (A4, ready): As fast as 6.5 sec; Colour (A4, ready): As fast as 7 sec;
Print resolution	Black (best): Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on unspecified plain paper, 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);
Monthly duty cycle ³	Up to 50,000 pages A4; Recommended monthly page volume⁴: 750 to 4,500
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 Greyscale 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
Standard print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation
Print area	Print margins Top: 4.2 mm, Bottom: 4.2 mm, Left: 4.2 mm, Right: 4.2 mm; Maximum print area : 201.6 x 347.1 mm
Borderless printing	No
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Multitasking supported	Yes
Memory card compatibility	None
Copy	
Copy speed ⁵	Black (A4, ISO): Up to 40 cpm; Colour (A4, ISO): Up to 40 cpm
Copier specifications	ID copy; Resize; Quality; Lighter/Darker; Two-sided copying; Tray selection; Collate; Binding marging; Copy preview with crop and resize; Enhancements; Enable/Disable copy; Enable/Disable copy colour; Colour Access Control; Native authorization & authentication; Set as new defaults; Maximum number of copies: Up to 99 copies; Copy resolution: Up to 600 dpi; Reduce/Enlarge: 25 to 400%;
Copier smart software features	Reduce/Enlarge from scanner glass (25 to 400%); Collate; Two-sided copying; Image adjustments (darkness, sharpness)
Scan	
Scan speed	Normal (A4): Up to 25 ipm (monochrome & colour); Duplex (A4): Up to 26 ipm (monochrome & colour)
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)
Scanner specifications	Scanner type Flatbed, ADF; Scan technology: Contact Image Sensor (CIS); Scan input modes: Front panel applications: Copy, Scan to email with LDAP email 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; Twain version: Version 1.9; Duplex ADF scanning: Yes; Scan size maximum (flatbed, ADF): 216 x 356 mm; Optical scan resolution: Up to 1200 dpi
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, email; OCR
Scannable area	Maximum media size (flatbed): 216 x 356 mm; Maximum media size (ADF): 216 x 356 mm
Bit depth/ Grey scale levels	24-bit (color); 8-bit (gray) / 256
Digital sending	Standard: Scan to Email 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 Email; Fax to Computer; Enable/Disable Fax; Enable/Disable colour Fax; Colour Access Control; Native Authorization & Authentication
Fax	
Fax	Yes, colour, 33.6 kbps
Fax specifications	Fax memory⁶: Up to 100 pages (black and white); Up to 8 pages (colour); Fax resolution: Standard: 203 x 98 dpi; Fine: 203 x 196 dpi; Quick dialing: Up to 199 numbers
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
Processor speed	1.2 GHz
Connectivity	
Standard	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

Model	HP PageWide Pro 477dw Multifunction Printer
Product number	D3Q20B
Optional	Support the following external Jetdirect servers; Print only: HP Jetdirect en1700 External Print Server (J7988G), HP Jetdirect en3700 Fast-Ethernet External Print Server for Network Capable Hi-Speed USB 2.0 & 3.0 Peripherals (J7942G), HP Jetdirect ew2400 802.11b/g wireless and Fast Ethernet external print server (USB 2.0, 10/100Base-TX, 802.11b/g) (J7951G), HP Jetdirect ew2500 802.11b/g Wireless Print Server (J8021A); Other supported accessories: Apple AirPort Express, Apple AirPort Extreme, Apple Airport TimeCapsule; Wi-Fi Direct
Wireless	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps
Supported network protocols	Supported Network Protocols configurations (IPv4, IPv6); BOOTP; SMTP client; LLNMR; Bonjour; LP/ APIPA (Auto IP); NetBIOS/WINS; LPD; Custom Raw Port/Port9100; DNS Resolver; Multicast DNS; SNMPv1/v2; SNMPv3; Web Services Discovery; Web Services Print; DHCP options: 81/RF-C4702/RF-C4704, 12-Hostname; 44; Syslog; Firewall; SSL/TLS (HTTPS); Password-protected network Embedded Web server; Enable/Disable network ports & device features; 802.1x wired authentication; 802.1x wireless authentication (EAP-TLS and PEAP)
Network capabilities	Yes, via built-in Ethernet, wireless 802.11b/g/n
Memory	Standard: 768 MB; Maximum: 768 MB
Paper handling	
Number of paper trays	Standard: 2; Maximum: Up to 3
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 size	Custom (metric): Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 102 x 210 to 216 x 297 mm; Optional 500-sheet tray 3: 102 x 210 to 216 x 356 mm Supported (metric): Tray 1: Oficio, A4, A5, A6, B5 (JIS), B6 (JIS), 10 x 15 cm, envelopes (B5, C5, C6, DL); Tray 2: A4, A5, B5 (JIS), envelopes (DL, B5, C5); Tray 3: A4, A5, B5 (JIS)
Media handling	Standard input: 500-sheet input tray, 50-sheet multi-purpose tray Standard output: 300-sheet face-down output bin Optional input: Optional 500 sheet tray, 2 x 500-sheet paper tray ADF: Standard, 50 sheets
Media weight ⁷	Tray 1: 60 to 120 g/m ² (plain paper), 125 to 300 g/m ² (photo), 75 to 90 g/m ² (envelope), 120 to 180 g/m ² (brochure), 163 to 200 g/m ² (card); Tray 2: 60 to 120 g/m ² (plain paper), 125 to 250 g/m ² (photo), 75 to 90 g/m ² (envelope), 120 to 180 g/m ² (brochure), 163 to 200 g/m ² (card); Tray 3: 60 to 120 g/m ² (plain paper), 125 to 250 g/m ² (photo), 120 to 180 g/m ² (brochure), 163 to 200 g/m ² (card)
Input capacity	Maximum: Up to 1,550 sheets ADF: Standard, 50 sheets
Output capacity	Standard: Up to 300 sheets Envelopes: Up to 35 envelopes Labels: Up to 100 sheets Cards: Up to 100 cards Maximum: Up to 300 sheets
Compatible operating systems	Windows 10, Windows 8, Windows 7; OS X v10.11 El Capitan, OS X v10.10 Yosemite, OS X v10.9 Mavericks Lion; Linux (http://www.hp.com/go/linux)
Compatible network 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; Windows Small Business Server 2011, Windows Small Business Server 2008 (64-bit), Windows Small Business Server 2003 (32-bit/64-bit); Windows Server 2012, Windows Server 2008 (Standard Edition, Enterprise Edition, 32-bit/64-bit), Windows Server 2008 R2 (Standard Edition, Enterprise Edition, 64-bit); Windows Server 2003 (Standard Edition, Enterprise Edition, 32-bit/64-bit), Windows Server 2003 R2 (Standard Edition, Enterprise Edition, 32-bit/64-bit); 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 iPrint support only); Linux (for more information, see http://www.hp.com/go/linux); 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	Windows: Windows® 10, 8.1, 8, 7: 32-bit/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 Mac: Apple® OS X v10.11 El Capitan, OS X v10.10 Yosemite, OS X v10.9 Mavericks; 1 GB available hard disk space; Internet required; USB
Software included	Windows Installer and discrete PCL 6 driver; Mac Installer and PS driver; HP Participation Study; IRS OCR
Security management	SSL/TLS (HTTPS), LDAP authentication; Optional HP and 3rd party authentication solutions (e.g. badge readers) IPP over TLS; WPA2-Enterprise wired; 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP); Pre-Shared Key Authentication for Wireless (PSK); Firewall, certificates configuration; Control panel lock; Password protect EWS; Unused protocol and service disablement; Syslog; Signed firmware; Administrator settings; Native authentication and authorization access control, native colour access control; Configurable authentication time out; UPD PIN printing; Mopy mode via UPD PIN printing; Compatible with optional HP JetAdvantage Security Manager
Printer management	HP Web Jetadmin; Embedded Web Server; HP UPD Printer Administrator Resource Kit; HP Utility (Mac); HP JetAdvantage Security Manager
Dimensions and weight	
Printer dimensions (W x D x H)	Minimum: 530 x 407 x 467 mm; Maximum: 802 x 694 x 467 mm;
Package dimensions (W x D x H)	600 x 495 x 594 mm
Printer weight ⁸	22.15 kg
Package weight	26.39 Kg

Model	HP PageWide Pro 477dw Multifunction Printer
Product number	D3Q20B
Storage conditions	Temperature: -40 to 60°C Humidity: 5 to 90% RH
Acoustics	Acoustic power emissions: 6.9 B(A) Acoustic pressure emissions: 56 dB(A) (monochrome/colour printing), 54 dB(A) (ADF monochrome copying), 54 dB(A) (ADF colour copying), 45 dB(A) (ADF colour scanning), 45 dB(A) (ADF monochrome scanning), inaudible (idle)
Power ⁹	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.; Consumption: 115 watts (maximum), 44.4 watts average (printing), 11 watts (ready), 2.9 watts (sleep), 0.2 watts (manual-off); Typical Electricity Consumption (TEC): 0.646 kWh/Week (Energy Star 3.0); Power supply type: Built-in power supply;
Certifications	CISPR 22:2008-09/EN 55022:2010 (Class B); CISPR 24:2010/EN 55024:2010; EN 61000-3-2:2006 +A1:2009 +A2:2009; EN 61000-3-3:2008; EMC Directive 2004/108/EC with CE Marking (Europe) ENERGY STAR [®] qualified; CECP
Sustainable impact specifications	RoHS, REACH
Country of origin	Made in China
What's in the box	HP PageWide Pro 477dw Multifunction Printer; HP 913 Setup Black PageWide Cartridge (~2,500 pages); HP 913 Setup Cyan PageWide Cartridge (~1,000 pages); HP 913 Setup Magenta PageWide Cartridge (~1,000 pages); HP 913 Setup Yellow PageWide Cartridge (~1,000 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, please visit http://www.hp.com/go/learnaboutsupplies .
Warranty	One-year, on-site warranty, service and support; One-year technical phone support, chat and email

Footnotes

¹ Comparison based on manufacturers' published specifications of fastest available colour mode of all colour business printers €300–€800 and MFPs €400–€1,000 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/pagewidebusiness.

² Total cost of ownership comparison based on 90,000 pages, manufacturers' published specifications for page yields and energy use, manufacturers' recommended street prices 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, long-life consumables of all colour business printers €300–€800 and MFPs €400–€1,000 as of November 2015, excluding products with 1% or lower market share using market share as reported by IDC as of Q3 2015. Actual prices may vary. Learn more at hp.com/go/pagewidebusiness and hp.com/go/learnaboutsupplies.

³ Best-in-class security fleet management claim based on comparison of built-in features of all colour business printers €300–€800 and MFPs €400–€1,000 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/pagewidebusiness.

⁴ Energy claim based on TEC data reported on energystar.gov. Data normalised to determine energy efficiency of majority of in-class business printers €300–€800 and MFPs €400–€1,000 as of November 2015; market share as reported by IDC as of Q3 2015. Actual results may vary. Learn more at hp.com/go/pagewidebusiness.

⁵ 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 hp.com/go/learnaboutsupplies.

⁶ Less scheduled maintenance based on 150,000 pages printed, and published comparisons of majority of in-class colour laser printers €300–€800 and MFPs €400–€1,000 as of November 2015; market share as reported by IDC as of Q3 2015. Learn more at hp.com/go/pagewidebusiness.

⁷ Comparison based on manufacturers' published specifications of first page out from ready and sleep mode of all colour business printers €300–€800 and MFPs €400–€1,000 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 hp.com/go/pagewidebusiness.

⁸ Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com.

⁹ Feature works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported.

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 programme. For solution details, visit hp.com/go/gsc.

¹³ HP Colour Access Control available only on HP PageWide Pro devices with a 10.9-cm (4.3-inch) touchscreen. Learn more at <http://www.hp.com/go/pagewidebusiness>.

Technical specifications disclaimers

¹ 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>.

² No heating or fusing warm up time required.

³ 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 Colour LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

⁴ 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.

⁵ Speed specifications have been updated to reflect current industry testing methods.

⁶ Based on standard IT-U-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

⁷ All HP media listed as compatible with the printer in the HP PageWide Printing Supplies Compatibility Guide, regardless of weight, may be used.

⁸ With ink installed, no media in trays.

⁹ 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.



www.blauer-engel.de/uz205



<http://www.hp.com/uk>

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Published in EMEA October 2022

