

# HP PageWide Pro 477dwt Multifunction Printer and Tray



## Unbeatable value. Unparalleled speed.

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



### Highlights

- Single-pass, two-sided printing
- Wi-Fi direct printing and NFC touch-to-print
- UPD PIN printing with on-board/off-board memory
- Customizable control panel



2-sided scanning



Color touchscreen



HP PageWide Technology



HP Mobile Printing

### Professional colour, breakthrough total cost

- Results you expect and lasting value – breakthrough total cost of ownership, the lowest in its class.<sup>2</sup>
- 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.<sup>5</sup>
- Spend less time and budget on scheduled maintenance with streamlined HP PageWide Technology.<sup>6</sup>

### The fastest MFP in its class<sup>1</sup>

- Wait less, do more with unmatched speeds<sup>1</sup> – up to 55 ppm – and the fastest first-page printing in its class.<sup>7</sup>
- Get fast two-sided scanning directly to email and the cloud with this LDAP-enabled MFP.<sup>8</sup>
- Manage tasks from a 10.9 cm (4.3-inch) touchscreen. Print Microsoft® Word and PowerPoint® files from USB.<sup>9</sup>
- Print from your mobile device with Wi-Fi Direct and NFC touch-to-print technology – no network needed.<sup>10,11</sup>

### Proven technology. Superior energy efficiency.<sup>4</sup>

- 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.<sup>4</sup>
- Get professional-quality colour documents and the performance you expect with Original HP PageWide cartridges.

### Best-in-class security<sup>3</sup> and management features

- Help protect your investment and extend capabilities as your needs grow, with a portfolio of solutions.<sup>12</sup>
- 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.<sup>13</sup>
- Help keep your printer secure – from boot up to shutdown – with secure boot and secure code integrity validation.

## Technical specifications

<b>Functions</b>	Print, copy, scan, fax
<b>Print speed</b>	Up to 40 ppm ISO black (A4); Up to 40 ppm ISO colour (A4); Up to 21 ipm duplex (A4) General Office (black) Up to 55 ppm; General Office (colour) Up to 55 ppm First page out: As fast as 6.5 sec black (A4, ready); As fast as 7 sec colour (A4, ready)
<b>Print resolution</b>	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) black; Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers) colour
<b>Print Area</b>	Print margins: Top: 4.2 mm; Bottom: 4.2 mm; Left: 4.2 mm; Right: 4.2 mm
<b>Print languages</b>	HP PCLXL (PCL6), native PDF, HP Postscript Level 3 emulation
<b>Print capabilities</b>	Borderless printing: No; Direct print supported: Wireless direct printing
<b>Print cartridges number</b>	4 (1 each black, cyan, magenta, yellow)
<b>Mobile printing capability</b>	HP ePrint, HP Mobile Apps, Google Cloud Print v2, Apple AirPrint™, Mopria-certified, Android Plug-in, Windows 10/8, Windows 10 Mobile, Chromebook
<b>Monthly duty cycle</b>	Up to 50,000 pages (A4); Recommended monthly page volume: 750 to 4,500
<b>Automatic paper sensor</b>	Yes
<b>Display</b>	10.92 cm (4.3") CGD (Colour Graphic Display), IR touchscreen
<b>Wireless capability</b>	Yes
<b>Connectivity</b>	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; 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
<b>Memory</b>	Standard: 768 MB; Maximum: 768 MB
<b>Copier settings</b>	ID copy; Resize; Quality; Lighter/Darker; Two-sided copying; Tray selection; Collate; Binding margin; 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
<b>Copy speed</b>	Up to 40 cpm black ISO (A4), Up to 40 cpm colour ISO (A4)
<b>Copier smart software features</b>	Reduce/Enlarge from scanner glass (25 to 400%); Collate; Two-sided copying; Image adjustments (darkness, sharpness)
<b>Scanner specifications</b>	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; Scan size maximum (flatbed, ADF): 216 x 356 mm; Optical scan resolution: Up to 1200 dpi
<b>Scan file format</b>	Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), searchable PDF (.pdf), Text (.txt), TIFF (.tif)
<b>Scan speed</b>	Up to 25 ipm (monochrome & colour); Up to 26 ipm (monochrome & colour); duplex: Up to 26 ipm (monochrome & colour)
<b>Scannable area</b>	Maximum media size: 216 x 356 mm; Maximum media size: 216 x 356 mm ADF
<b>Bit depth/ Greyscale levels</b>	24-bit (colour); 8-bit (gray)/ 256
<b>Digital sending</b>	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
<b>Fax</b>	Yes, colour, 33.6 kbps
<b>Fax specifications</b>	Fax memory: 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
<b>Fax smart software features</b>	Digital Fax - fax to computer is available with Windows and Macintosh, visit <a href="http://www.hp.com/support">http://www.hp.com/support</a> to download the latest software
<b>Memory card compatibility</b>	None
<b>Printer smart software features</b>	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
<b>Printer management</b>	HP Web Jetadmin; Embedded Web Server; HP UPD Printer Administrator Resource Kit; HP Utility (Mac); HP JetAdvantage Security Manager
<b>Security management</b>	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

<b>What's in the box</b>	<b>W2Z53B</b> HP PageWide Pro 477dwt Multifunction Printer and Tray; HP PageWide Pro 500-sheet Paper Tray; HP 913 Setup Black PageWide Cartridge (~3,000 pages); HP 913 Setup Cyan PageWide Cartridge, HP 913 Setup Magenta PageWide Cartridge, HP 913 Setup Yellow PageWide Cartridge; composite yield (~1,500 pages); Power cord; Phone cord; Installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and user's guide)
<b>Supplies</b>	<b>LO507AE</b> HP 973X High Yield Black Original PageWide Cartridge ~10,000 pages <b>F6T81AE</b> HP 973X High Yield Cyan Original PageWide Cartridge ~7,000 pages <b>F6T82AE</b> HP 973X High Yield Magenta Original PageWide Cartridge ~7,000 pages <b>F6T83AE</b> HP 973X High Yield Yellow Original PageWide Cartridge ~7,000 pages
<b>Compatible operating systems</b>	Windows 10, Windows 8, Windows 7; Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion; Linux ( <a href="http://www.hpip.net">http://www.hpip.net</a> )
<b>Minimum system requirements</b>	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 Yosemite, OS X Mavericks, OS X Mountain Lion, 1 GB available hard disk space, Internet required, USB
<b>Software included</b>	Windows Installer and discrete PCL 6 driver; Mac Installer and PS driver; HP Participation Study; IRIS OCR
<b>Media types</b>	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)
<b>Media sizes</b>	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); Custom: 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
<b>Media Handling</b>	Input standard: 2 x 500-sheet input tray, 50-sheet multi-purpose tray; Maximum cards: Up to 100 cards; Up to 25 sheets photo paper; Maximum envelopes: Up to 37 envelopes Output standard: 300-sheet face-down output bin; Maximum: Up to 300 sheets Duplex printing: Automatic (standard) ADF: Standard, 50 sheets
<b>Media weight</b>	Tray 1: 60 to 120 g/m <sup>2</sup> (plain paper), 125 to 300 g/m <sup>2</sup> (photo), 75 to 90 g/m <sup>2</sup> (envelope), 120 to 180 g/m <sup>2</sup> (brochure), 163 to 200 g/m <sup>2</sup> (card); Tray 2: 60 to 120 g/m <sup>2</sup> (plain paper), 125 to 250 g/m <sup>2</sup> (photo), 75 to 90 g/m <sup>2</sup> (envelope), 120 to 180 g/m <sup>2</sup> (brochure), 163 to 200 g/m <sup>2</sup> (card); Tray 3: 60 to 120 g/m <sup>2</sup> (plain paper), 125 to 250 g/m <sup>2</sup> (photo), 120 to 180 g/m <sup>2</sup> (brochure), 163 to 200 g/m <sup>2</sup> (card) Media Weight Recommended: 60 to 120 g/m <sup>2</sup> (plain paper); 125 to 300 g/m <sup>2</sup> (photo); 75 to 90 g/m <sup>2</sup> (envelope); 120 to 180 g/m <sup>2</sup> (brochure); 163 to 200 g/m <sup>2</sup> (card)
<b>Printer dimensions (W x D x H)</b>	530 x 407 x 627 mm
<b>Package dimensions (W x D x H)</b>	600 x 495 x 820 mm
<b>Printer Weight</b>	27.25 kg
<b>Package weight</b>	32.70 kg
<b>Storage</b>	Temperature: -40 to 60°C, Humidity: 5 to 90% RH
<b>Acoustics</b>	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)
<b>Power</b>	Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) Consumption: 100 watts (maximum), 70 watts average (printing), 10 watts (ready), 4.8 watts (sleep), 1.0 watt (auto-off), 0.2 watts (manual-off); Typical Electricity Consumption (TEC): 0.839 kWh/Week Power supply: Built-in power supply
<b>Certifications</b>	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
<b>Country of origin</b>	Made in China
<b>Warranty</b>	One-year, on-site warranty, service and support; One-year technical phone support, chat and email
<b>Service and support</b>	<b>UBZ77E</b> HP 3 year Next business day PageWide Pro X477 Hardware Support <b>UBZ78E</b> HP 4 year Next business day PageWide Pro X477 Hardware Support <b>UBZ79E</b> HP 5 year Next business day PageWide Pro X477 Hardware Support <b>UBZ74PE</b> HP 1 year Post Warranty Next business day PageWide Pro X477 Hardware Support <b>UBZ75PE</b> HP 2 year Post Warranty Next business day PageWide Pro X477 Hardware Support <b>UBZ78E</b> HP 3 year Next business day Onsite Exchange PageWide Pro X477 Service <b>UBZ79E</b> HP 4 year Next business day Onsite Exchange PageWide Pro X477 Service <b>UBZ70E</b> HP 5 year Next business day Onsite Exchange PageWide Pro X477 Service <b>UBZ78PE</b> HP 1 year Post Warranty Next business day Onsite Exchange PageWide Pro X477 Service

## Footnotes

<sup>1</sup> 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](http://hp.com/go/pagewidebusiness). <sup>2</sup> 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](http://hp.com/go/pagewidebusiness) and [hp.com/go/learnabouthsupplies](http://hp.com/go/learnabouthsupplies). <sup>3</sup> 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](http://hp.com/go/pagewidebusiness). <sup>4</sup> 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](http://hp.com/go/pagewidebusiness). <sup>5</sup> 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/learnabouthsupplies](http://hp.com/go/learnabouthsupplies). <sup>6</sup> 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](http://hp.com/go/pagewidebusiness). <sup>7</sup> 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](http://hp.com/go/pagewidebusiness). <sup>8</sup> Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see [hpconnected.com](http://hpconnected.com). <sup>9</sup> Feature works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported. <sup>10</sup> 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](http://hp.com/go/mobileprinting). <sup>11</sup> 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>. <sup>12</sup> Additional workflow solutions available through HP's software and third-party partner programme. For solution details, visit [hp.com/go/gsc](http://hp.com/go/gsc). <sup>13</sup> 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>.



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

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