Datasheet

# HP PageWide Pro 477dw Multifunction Printer

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]

**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 total cost

- Results you expect and lasting value—breakthrough total cost of ownership, the lowest in its class.[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.[8]

## The fastest MFP in its class[1]

- Wait less, do more with unmatched speeds[1]—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 security and management features[3]

- 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.

# HP PageWide Pro 477dw Multifunction Printer Specifications Table

| | | | | |
|---|---|---|---|---|
| **Functions / Multitasking supported** | Print, copy, scan, fax / Yes | | **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 |
| **Print Speed[5,6]** | **Professional Mode (black):** Up to 40 ppm; **Professional Mode (color):** Up to 40 ppm; **First Page Out Black**: As fast as 6.5 sec; **First Page Out Color**: As fast as 7 sec; **General Office Mode (black):** Up to 55 ppm; **General Office Mode (color):** Up to 55 ppm | | **Paper Handling** | 500-sheet input tray, 50-sheet multi-purpose tray; 300-sheet face-down output bin; **Duplex Options**: Automatic (standard); **Auto Document Feeder Capacity**: Standard, 50 sheets; **Envelope Feeder**: No; **Standard Paper Trays**: 2; **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 |
| **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) | | **What's in the box** | **D3Q20A** HP PageWide Pro 477dw Multifunction Printer; HP 972A Setup Black PageWide Cartridge (~3000 pages); HP 972A Setup Cyan PageWide Cartridge; HP 972A Setup Magenta PageWide Cartridge; HP 972A Setup Yellow PageWide Cartridge (CMY composite ~1500 pages); power cord; phone cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide). |
| **Printer Drivers Included** | Windows PCL 6 Discrete; Mac PS; Windows HP UPD (PCL 6, PS); Linux; UNIX; SAP | | **Replacement Cartridges** | HP 972A Black Original PageWide Cartridge (~3500 pages); HP 972A Cyan Original PageWide Cartridge; HP 972A Magenta Original PageWide Cartridge; HP 972A Yellow Original PageWide Cartridge (CMY composite ~3000 pages); HP 972X High Yield Black Original PageWide Cartridge (~10,000 pages); HP 972X High Yield Cyan Original PageWide Cartridge; HP 972X High Yield Magenta Original PageWide Cartridge; HP 972X High Yield Yellow Original PageWide Cartridge (CMY composite ~7000 pages) |
| **Print Cartridges Number** | 4 (1 each black, cyan, magenta, yellow) | | | |
| **Borderless Printing** | No | | | |
| **Standard Print languages** | HP PCLXL (PCL6), 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 | | **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 |
| **Printer Management** | HP Web Jetadmin; Embedded Web Server; HP UPD Printer Administrator Resource Kit; HP Utility (Mac), HP JetAdvantage Security Manager | | **Warranty Features** | One-year, on-site warranty, service and support; one-year technical phone support, chat, and e-mail |
| **Scan Type / Technology** | Flatbed, ADF / Contact Image Sensor (CIS) | | **Control Panel** | 4.3" CGD (color graphics), IR touchscreen |
| **Scan Resolution** | **Hardware**: Up to 1200 x 1200 dpi; **Optical**: Up to 1200 dpi | | **Display Description** | 4.3" CGD (color graphics), IR touchscreen |
| **Scan File Format** | Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif) | | **Software Included** | Windows Installer and discrete PCL 6 driver; Mac Installer and PS driver; HP Participation Study; IRIS OCR |
| **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 | | **Compatible Operating Systems** | Windows 10, Windows 8, Windows 7, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (hplip.net) |
| **Scan Size** | **ADF**: 8.5 x 14 in Maximum; **Flatbed**: 8.5 x 14 in | | **Compatible Network Operating Systems** | Windows 8, Windows 7, Windows 10, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, 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 iPrint 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) |
| **Scan Speed** | Up to 25 ipm (mono & color) | | | |
| **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 | | | |
| **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; Enabel/Disable color Fax, Color Access Control; Native Authorization &authenticatrion; | | | |
| **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; Up to 600 dpi; **Color (text and graphics)**: Up to 600 dpi | | | |
| **Maximum Number Of Copies** | Up to 99 copies | | **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 Yosemite, OS X Mavericks, OS X Mountain Lion; 1 GB HD; Internet required; USB |
| **Copier Resize** | 25 to 400% | | | |
| **Copier Settings** | ID Copy; Resize; Quality; Lighter/Darker; Two-sided copying; Tray Selection; Collate; Binding Marging;; Copy Preview with Crop and rezise; Enhancements; Enable/Disable copy; Enable/Disable copy color; Color Access Control; Native Authorization &authenticatrion; Set as New Defaults | | | |
| **Fax Speed** | **Up to**: 33.6 kbps; **Letter**: 4 sec per page | | **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); **Power 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) |
| **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. | | **Acoustics** | **Acoustic Power Emissions**: 6.9 B(A); **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) |
| **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 | | **Operating Environment** | **Recommended Operating Temperature**: 59 to 86ºF; **Storage Temperature Range**: -40 to 140ºF; **Non-Operating Humidity Range**: 5 to 90% RH; **Operating Humidity Range**: 20 to 80% RH |
| | | | **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 color access control ; configurable authentication time out; UPD PIN printing; Mopy mode via UPD PIN printing; compatible with optional HP JetAdvantage Security Manager |
| **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 Station; 802.11 b/g Access Point | | | |
| **Network Capabilities** | Standard (built-in Ethernet and WiFi 802.11b/g/n) | | | |
| **Wireless Capability** | Yes | | **Accessories** | HP PageWide Pro 500-sheet Paper Tray (D3Q23A); HP PageWide Pro 2x500-sheet Paper Tray and Stand (P0V04A) |
| **Mobile Printing Capability** | HP ePrint, HP Mobile Apps, Google Cloud Print v2, Apple AirPrint™, Mopria-certified, Android Plug-in, Windows 8/10, Windows 10 Mobile, Chromebook | | | |
| **Memory** | **Standard**: 768 MB; **Maximum**: 768 MB | | **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 OfficeJet/PageWide Pro X47x-X57x Service |
| **Duty Cycle[7]** | **Monthly, letter**: Up to 50,000 pages | | | |
| **Recommended Monthly Page Volume[8]** | 750 to 4500 | | | |
| **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, 5 x 8 in, envelopes (No. 10, Monarch); Tray 2: Letter, statement, executive, envelopes (No. 10); Tray 3: Letter, oficio, legal, statement, executive | | | |

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[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 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