



HP PageWide Pro 452dw Printer Specifications

PRINT SPEED BLACK	ISO Laser comparable, Professional Mode: Up to 40 ppm, General Office Mode: Up to 55 ppm
PRINT SPEED COLOR	ISO Laser comparable, Professional Mode: Up to 40 ppm, General Office Mode: Up to 55 ppm
FIRST PAGE OUT (READY)	Black: As fast as 6.5 sec
DUTY CYCLE (MONTHLY, A4)	Up to 50,000 pages [2]
RECOMMENDED MONTHLY PAGE VOLUME	750 to 4500 [3]
PRINT TECHNOLOGY	HP PageWide Technology with pigmented inks
PRINTER DRIVERS INCLUDED	Windows PCL 6 Discrete; Mac PS; Windows HP UPD (PCL 6, PS); Linux; UNIX; SAP
PRINT QUALITY BLACK (BEST)	Black: Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on unspecified plain paper, HP Premium Inkjet Presentation Paper Matte, and HP Inkjet Brochure Paper Matte) Color: Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
DISPLAY	2.0" MGD (Monochrome Graphic Display)
PROCESSOR SPEED	1.2 GHz
NUMBER OF PRINT CARTRIDGES	4 (1 black, cyan, magenta, yellow)
REPLACEMENT CARTRIDGES	HP 975A Black Original PageWide Cartridge (~3500 pages) LOR97AA; HP 975A Cyan Original PageWide Cartridge LOR88AA; HP 975A Magenta Original PageWide Cartridge LOR91AA; HP 975A Yellow Original PageWide Cartridge LOR94AA (CMY composite ~3000 pages); HP 975X High Yield Black Original PageWide Cartridge (~10,000 pages) 3YN09AA; HP 975X High Yield Cyan Original PageWide Cartridge 3YN06AA; HP 975X High Yield Magenta Original PageWide Cartridge 3YN07AA; HP 975X High Yield Yellow Original PageWide Cartridge 3YN08AA (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 . Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. http://www.hp.com/go/learnaboutsupplies
PRINT LANGUAGES	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation
AUTOMATIC PAPER SENSOR	Yes
HP EPRINT CAPABILITY	Yes
MOBILE PRINTING CAPABILITY	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps
WIRELESS CAPABILITY	Yes, built-in WiFi 802.11b/g/n
CONNECTIVITY, STANDARD	1 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 802.11 b/g/n Station; 802.11 b/g Access Point
CONNECTIVITY, 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; Wireless Direct
MINIMUM SYSTEM REQUIREMENTS	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
MINIMUM SYSTEM REQUIREMENTS FOR MACINTOSH	Apple® OS X v10.11 El Capitan, OS X v10.10 Yosemite, OS X v10.9 Mavericks; 1 GB HD; Internet required; USB
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)
PAPER HANDLING INPUT, STANDARD	500-sheet input tray, 50-sheet multi-purpose tray
PAPER HANDLING OUTPUT, STANDARD	300-sheet face-down output bin
PAPER HANDLING INPUT, OPTIONAL	Optional 500 sheet tray
DUPLEX PRINTING	Automatic (standard)
MAXIMUM INPUT CAPACITY (ENVELOPES)	Up to 37 envelopes (N/A Accessory Tray)
BORDERLESS PRINTING	No
MEDIA SIZES SUPPORTED	Tray 1: Oficio; A4; A5; A6; B5 (JIS); B6 (JIS); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (JIS); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (JIS); 16K
MEDIA SIZES, 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
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 WEIGHTS, RECOMMENDED	60 to 120 g/m² (plain paper); 125 to 300 g/m² (photo); 75 to 90 g/m² (envelope); 120 to 180 g/m² (brochure); 163 to 200 g/m² (card) [4]
MEDIA WEIGHT, SUPPORTED	Tray 1: 60 to 120 g/m² (plain paper); 125 to 300 g/m² (photo); 75 to 90 g/m² (envelope); 120 to 180 g/m² (brochure); 163 to 200 g/m² (card); Tray 2: 60 to 120 g/m² (plain paper); 125 to 250 g/m² (photo); 75 to 90 g/m² (envelope); 120 to 180 g/m² (brochure); 163 to 200 g/m² (card); Tray 3: 60 to 120 g/m² (plain paper); 125 to 250 g/m² (photo); 120 to 180 g/m² (brochure); 163 to 200 g/m² (card)
MEMORY CARD COMPATIBILITY	None
MEMORY, STANDARD	512 MB
POWER	Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)
POWER CONSUMPTION	136 watts (Maximum), 39.1 watts average (Printing), 7.8 watts (Ready), 2.5 watts (Sleep), 0.2 watts (Manual-Off)
OPERATING TEMPERATURE RANGE	15 to 30°C
RECOMMENDED OPERATING HUMIDITY RANGE	20 to 80% RH
MINIMUM DIMENSIONS (W X D X H)	530 x 407 x 378.9 mm
WEIGHT	16.38 kg
PACKAGE WEIGHT	20.15 kg
WARRANTY	3 Years Next Business Day Onsite
WHAT'S IN THE BOX	HP PageWide Pro 452dw Printer; HP 975 Setup Black PageWide Cartridge(~2500 pages); HP 975 Setup Cyan PageWide Cartridge; HP 975 Setup Magenta PageWide Cartridge; HP 975 Setup Yellow PageWide Cartridge (CMY composite ~1000 pages); power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable. [For ink volume and page yield information, visit http://hp.com/go/learnaboutsupplies .]
SOFTWARE INCLUDED	Windows Installer and discrete PCL 6 driver; Mac Installer and PS driver; HP Update; HP Participation Study; Bing Toolbar; HP Smart Print

[1] With ink installed, no media in trays

[2] 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.

[3] 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.

[4] All HP media listed as compatible with the printer in the HP Designjet Printing Supplies Compatibility Guide, regardless of weight, may be used