Wireless. Print HP PageWide Pro 452dw Printer

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







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.⁶
- Spend less time and budget on scheduled maintenance with streamlined HP PageWide Technology.⁷



The fastest printer in its class¹

- Wait less, do more with best-in-class speeds—as fast as 55 ppm in colour and black-and-white.¹
- Grab pages and go—without waiting. This device wakes up and prints fastest in its class.⁵
- Print directly from your mobile device to your Wi-Fi Direct[®] printer—without accessing the company network.[®]



Proven technology. Superior energy efficiency⁴

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

Best-in-class security and management features³

- Help protect your investment and extend capabilities as your needs grow, with a portfolio of solutions.⁹
- Help keep your printer secure—from boot up to shutdown—with secure boot and secure code integrity validation.
- Comparison based on manufacturers' published specifications of fastest available colour mode of all colour 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 hp.com/go/printerspeeds
- Total cost of ownership comparison based on 90,000 pages, manufacturers' published specifications for page yields and energy use, manufacturers' suggested retail prices for hardware and supplies, 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 USD and MFPs \$400-\$1,000 USD 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/pagewideclaims and hp.com/go/learnaboutsupplies
- Best-in-class security and fleet management claim based on comparison of built-in features of all colour business printers \$300-\$800 USD and MFPs \$400-\$1000 USD 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 <u>hp.com/go/printers@curityclaims</u> Energy claim based on comparisons of data reported on <u>energystar.gov</u> for majority of in-class colour 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 <u>hp.com/go/pagewideclaims</u>
- ⁵ Comparison based on manufacturers' published specifications of first page out from ready and sleep mode of all colour 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 hp.com/go/printerspeeds
- 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
- ⁷ Less scheduled maintenance based on 150,000 pages printed, and published comparisons of majority of in-class colour 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 hp.com/go/pagewideclaims 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 <u>hp.com/go/mobileprinting</u> Additional workflow solutions available through HP's software and third-party partner program. For solution details, visit hp.com/go/gsc

Technical specifications

(envelope): 120 to 180 g/m² (brochure): 163 to 200 g/m² (card). Trøy 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) Types Plain paper (light, intermediate, mid-weight, heavy, extra heavy, prepunched, recycled, bond, other inkjet plain paper), photo (glossy, brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkjet specialty paper) Paper handling 500-sheet input tray, 50-sheet multi-purpose tray, Optional 500-sheet tray, 300-sheet face-down output bin Memory \$12 MB Operating system Windows 10, Windows 8, Windows 7, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (<u>hplip.net</u>) compatibility Windows 10, Windows 8, 12-2-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Mindows 7 SP SP 3 or higher requirements CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Mindows 7 SP SP 3 or higher (22-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. Mindows 7 SN SP 3 or higher (23-bit only), Adveces Point Network, 114-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 802.11 b/g Access Point Network capabilities Standard (built-in Ethernet and WiFi 802.11b/g/n) Supported network Supported Network Protocols configurations (IP-4); IP-9); Password-protested network Enabedded Web server	Functions	Print only	
Speed Head: Up to 55 ppm (darkt, A4): Up to 19 ppm (R0, lean-comparable): Colour: Up to 55 ppm (darkt, A4): Up to 35 ppm (darkt, A4): Up to 20 ppm (darkt, A4): Up to 21 ppm Pest page out (A4, ready) Black: Assta 6.5 sec: Colour: As fast as 7 sec Resolution Black Mextl: Up to 120 x 1200 or 12	Print		
40 ppm (50, laser: comparable): Duplex printing: Black/Color (Draft, Ad): Up to 21 pm First page out (A4, read) Black Acts as 5, 5sr: Color Acts as 5sr: Color A	Technology	HP PageWide Technology with pigmented inks	
Resolution Bick feet: In performant might Presentation Paper Mata, and Phylet Brochurg Apper Mata). Colour DestU, bit 0:2400. 1200 optimised doi from 600 x 600 input dpi (on HP Advanced Photo Papers) Languages HP PCULL (PCLS), native PDF, HP Postscript Level 3 emulation Printer management HP Web, teachning Engledid Web Server, IP VED Printer Administrator Resource Kit, HP Utility (Mad), HP Perform capability Ves HP effort, capability Ves HP data wrieles camability Ves Mobile printing capability Ves Mobile printing capability Ves Mobile printing capability Ves Recommended monthy Up to 50.000 pages Recommended monthy Up to 50.000 pages Recommended monthy Up to 50.000 pages Recommended weights Gio 10 20 gim? (dan page), 125 to 300 gim? (dhoto), 75 to 90 gim? (envelope), 120 to 180 gim? Supported sizes Tmp t: Folicia AA: A5, 86 (SLS); 16K (SLD); 16K 10 x 15 to 01 20 gim? (envelope), 120 to 180 gim? Supported weights Gio 120 gim? (dan page), 125 to 300 gim? (dhoto), 75 to 90 gim? (envelope), 120 to 180 gim? (for durburg), 135 to 200 gim? (dan page), 125 to 300 gim? (dhoto), 75 to 90 gim? (envelope), 120 to 180 gim? (for durburg), 150 to 100 gim? (dan page), 125 to 300 gim? (dhoto), 75 to 90 gim? (envelope), 120 to 180 gim? (for durburg), 120 to 180 gim? (dan to 180 gim? (dan to 180 gi	Speed		
HP Premium Indeg Presentation Paper Matte, and HP Indeg Brochure Paper Matte); Languages HP PCLX. (PCL6), native PDF. HP Postscript Level 3 emulation Printer management HP Web, Leptons, native PDF. HP Postscript Level 3 emulation HP Behr Logability Yes HP Advantage Security Manager optional HP Hebr Methods and Security Manager optional Wrefess capability Yes HP Advantage Security Manager optional HP Advantage Security Manager optional Mable printing capability Yes HP Advantage Security Manager optional HP Advantage Security Manager optional Mable printing capability Yes Mable printing capability Yes Duplex print options Automatic (standard) Dupt cycle (monthy, Adl Up to 550 to 4,500 pages Recommended weights ¹ 60 to 120 g/m ¹ (plan paper); 125 to 300 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ¹ Enorbury; 163 to 200 g/m ² (and 17 y 2; 50 to 120 g/m ² (plan paper); 125 to 200 g/m ² (plan paper); 125 to 200 g/m ² (plantopaper); 125 to 200 g/m ² (plantop	First page out (A4, ready)	Black: As fast as 6.5 sec; Colour: As fast as 7 sec	
Printer management HP Web, letadmin: Embedded Web Sener, HP UPD Printer Administrator Resource Kit; HP Ubility (Mac), HP and weiles capability Yes Wireless capability Yes HP admini capability Yes Mobile printing capability Yes HP admini capability Yes Mobile printing capability Yes HP admini (HP Admini (HP Mobile, Chromebook B10, Windows 10 Mobile, Chromebook Mobile, Chromebook Diplex print options Automatic (standard) Duplex print options Automatic (standard) Duplex print options Automatic (standard) Duplex print options Trug 1: Adj, S, AG, BS (US); BG (US); 16K; 10x 15 cm; L; Hegaki; envelopes (B5; CS; C6; DL; Chou #3; Chou #4], Trug 2: Adj, AS, BS (US); 16K; envelopes (DL; BS; CS; Chou #3); Trug 3: Adj, AS; BS (US); 16K Supported sizes Trug 1: Chi Ca, Adj, AS, AG; BS (US); 16K; 10x 10 20 g/m² (lontarb; 75 to 90 g/m² (lenvelope); 120 to 180 g/m² (lontarb; 75 to 90 g/m² (lenvelope); 120 to 180 g/m² (lontarb; 75 to 90 g/m² (lenvelope); 120 to 180 g/m² (lontarb; 75 to 90 g/m² (lenvelope); 120 to 180 g/m² (lontarb; 75 to 90 g/m² (lenvelope); 120 to 180 g/m² (lontarb; 75 to 90 g/	Resolution	HP Premium Inkjet Presentation Paper Matte, and HP Inkjet Brochure Paper Matte);	
HP JetAAvantage Security Manager optional Wireless capability Yes HP Atto wireless connect Yes Mobile printing capability Yes Mobile printing capability Yes Mobile printing capability Yes Mobile printing capability Yes Diplex SoB cm (2.07) MGD (Monochrome Graphic Display) Kedia Execommended monthy Dut to 50.000 pages Tray 1: Ofticio, A4; A5; A5; B5 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Tray 1: Ofticio, A4; A5; A5; B5 (US); 16K; envelopes (DL; S5; C5; Chu H2); Tray 1: A4; A5; B5 (US); 16K; envelopes (DL; C5 to 0.0 g/m² (envelope); 120 to 180 g/m² (bnochure); 163 to 200 g/m² (ghoto); 75 to 90 g/m² (envelope); 120 to 180 g/m² (bnochure); 163 to 200 g/m² (ghoto); 75 to 90 g/m² (envelope); 120 to 180 g/m² (bnochure); 163 to 200 g/m² (ghoto); 75 to 90 g/m² (envelope); 120 to 180 g/m² (bnochure); 163 to 200 g/m² (ghoto); 75 to 90 g/m² (gho	Languages	HP PCLXL (PCL6), native PDF, HP Postscript Level 3 emulation	
HP Print capability Yes HP Auto wrieless connect Yes Mobile printing capability HP Print, HP Mobile Apps, Google Cloud Print v2, Apple AirPrint**, Mopria-certified, Android Plug-in, Windows B/10, Windows 10 Mobile, Chromebook Display 5.08 cm (2.07) MGD (Monochrome Graphic Display) Media Automatic (standard) Duty cycle fmonthy, AuH Up to 50.000 pages Recommended monthy Up to 750 to 4,500 pages Supported sizes Tray 1: Olicia; A4; A5; A6; B5 (JIS); I6K; 10X 15 cm; L; Hagaki; envelopes (B5; C5; C5; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (JIS); I6K; envelopes (DB; C5; C5; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (JIS); I6K; envelopes (DB; C5; C5; DL; Chou #3; Chou #4); Tray 2: A4; A5; B5 (JIS); 16K; envelopes (DB; C1; C1; Tray 3: C1 to 120 afm ² (Gan paper); 125 to 320 afm ² (ploto); Tray 3: C1 to 120 afm ² (Gan paper); 125 to 320 afm ² (ploto); Tray 3: C1 to 120 afm ² (Dain paper); 125 to 320 afm ² (ploto); Tray 3: C1 to 120 afm ² (Dain paper); 125 to 320 afm ² (ploto); Tray 3: C1 to 120 afm ² (Dain paper); 125 to 320 afm ² (ploto); Tray 3: C1 to 120 afm ² (Dain paper); 125 to 250 afm ² (ploto); 120 to 180 afm ² (bnochure; 163 to 200 afm ² (card); Tray 3: C1 to 120 afm ² (Dain paper); 125 to 320 afm ² (ploto); 127 to 190 afm ² (Card) mochure; 163 to 200 afm ² (card) Types Pain paper (light; infermed task padorur; Windows 7, Mac OS X Uon, Mac OS X Mountain Lion, Linux (hglip.net) Paper handling S00-sheet input tray, 50-sheet mult-have, train doord S0 sheet repores Mindows 7, S0 sheet mult-have, S0 sheet mult-have, S0	Printer management		
HP Auto wireless connect Yes Mobile printing capability HP ePrint, HP Mobile, (Promebook Diplex print options Automatic (standard) Duplex print options Tray 1: Olicia, A4; A5; B5 (IIS); 16K; 10 x 15 cm; L; Hagak; envelopes (B5; C5; C6; D1; Chou #3; Chou #4; Tray 1: 60 to 120 g/m² (lapin paper); 125 to 300 g/m² (lapota); 75 to 90 g/m² (envelope); 120 to 180 g/m² (lapota); 75 to 90 g/m² (la	Wireless capability	Yes	
Mobile printing capability HP ePrint, HP Mobile Apps, Coogle Cloud Print v2, Apple AirPrint**, Mopria-certified, Android Plug-in, Windows Sisplay 5.08 cm (2.07) MGD Mobile, Chromebook Duplex print options Automatic (standard) Duty cycle (monthy, Ad) Up to 50.000 pages Recommended monthly Up to 50.000 pages Supported sizes Tray 1: Oficio; A4; A5; A6; B5 (US); B6 (US); 16K; 10 x 15 cm; L; Hagaki; envelopes (B5; C5; C6; DL; Chou #3; Chou #4), Tray 2: A4; A5; B5 (US); 16K; Rev envelopes (DL; B5; C5; Chou #3). Tray 3: A4; A5; B5 (US); 16K Recommended weights Got 12 0g/m² (lain paper); 125 to 300 g/m² (lohot); 75 to 90 g/m² (envelope); 120 to 180 g/m² (forochure); 163 to 200 g/m² (lohot); 75 to 90 g/m² (envelope); 120 to 180 g/m² (morkure); 163 to 200 g/m² (m²); Tray 3: Chou #3), Tray 3: A4; A5; B5 (US); 16K Supported weights Tray 1: Oficio; A4; A5; A6; B5 (US); 16X to 200 g/m² (ad); Tray 3: Co 10 a10 g/m² (horochure); 163 to 200 g/m² (ad); Tray 3: Chou #3), Tray 3: A4; A5; B5 (US); 16K Supported weights Tray 1: Co 10 120 g/m² (lain paper); 125 to 300 g/m² (horochure); 120 to 180 g/m² (horochure); 120 to 180 g/m² (horochure); 123 to 200 g/m² (ad); Tray 3: Chou #3), Tray 3: A4; A5; B5 (US); B6 (US);	HP ePrint capability	Yes	
B/10, Windows 10 Mobile, Chromebook Bisplay 5.08 cm (2.0") MGD (Monchrome Graphic Display) Media Duples print options Automatic (standard) Duty cycle (monthly, A4) Up to 550 to 4.500 pages Recommended monthly Up to 750 to 4.500 pages Supported sizes Tray 1: Oficio; A4; A5; A6; B5 (JIS); 165; 165; 165; 105; 105; 107; 118; 107; 119; 114; A5; B5 (JIS); 166; Recommended weights Tray 1: Oficio; A4; A5; A6; B5 (JIS); 165; 103 00 g/m² (photo); 75 to 90 g/m² (envelope; 120 to 1180 g/m² (brochure); 151 to 200 g/m² (plain paper); 125 to 200 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 (plainci); 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 (plainci); 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 (plainci); 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 (plainci); 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 (plainci); 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 (plainci); 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 (plainci); 120 to 180 g/m² (brochure); 120 to 180 g/m² (brochure); 120 to 200 g/m² (card); Tray 2: 60 to 120 g/m² (plain paper); 125 to 250 g/m² (plainci); 120 to 180 g/m² (brochure); 120 to 200 g/m² (card); Tray 2: 60 to 120 g/m² (plain paper); 125 to 200 g/m² (card); Tray 2: 60 to 120 g/m² (plain pa	HP Auto wireless connect	Yes	
Nedla Duplex print options Automatic (standard) Duty cycle (monthy, A4) Up to 750 to 4,500 pages Recommended monthy Up to 750 to 4,500 pages Recommended monthy Up to 750 to 4,500 pages Tray 1: Oficio; A4, A5; A6; B5 (JIS); 16K (strevelopes (DL; B5; CS; Chou J3); Tray 3: A4, A5; B5 (JIS); 16K Recommended weights Tray 1: Oficio; A4; A5; A6; B5 (JIS); 16K (strevelopes (DL; B5; CS; Chou J3); Tray 3: A4, A5; B5 (JIS); 16K Recommended weights 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 3: 60 to 120 g/m² (plain paper); 125 to 250 g/m² (photo); 75 to 90 g/m² (plain paper); 125 to 250 g/m² (photo); 7	Mobile printing capability		
Duptex print options Automatic (standard) Duty cycle (monthly, A4) Up to 50.000 pages Recommended monthly Up to 50.000 pages Supported sizes Tray 1: Oficio; A4; A5; A6; B5 (US); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (US); 16K; Recommended weights' Go 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). Supported weights 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). Types Plain paper); 120 to 180 g/m² (plain paper); 125 to 300 g/m² (brochot); 75 to 90 g/m² (envelope); 120 to 180 g/m² (plain); 125 to 250 g/m² (plain); 200 so 120 g/m² (plain); 200 to 250 g/m² (plain);	Display	5.08 cm (2.0") MGD (Monochrome Graphic Display)	
Duty cycle (monthly, A4) Up to 50,000 pages Recommended monthly Up to 750 to 4,500 pages Supported sizes Tray 1: Oficior, A4: A5; A6; B5 (UIS); B6 (UIS); 16K; 10, x 15 cm; L; Hagaki; envelopes (B1; CS; C6; DL; Chou #3; Recommended weights Go to 120 g/m² (pain paper); 125 to 300 g/m² (photo); 75 to 90 g/m² (envelope); 120 to 180 g/m² (brochure); 153 to 200 g/m² (card) Supported weights Tray 1: 60 to 120 g/m² (photo); 126 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 (photo); 75 to 90 g/m² (photo	Media		
Recommended monthly volume ³ Up to 750 to 4,500 pages Supported sizes Tray 1: Oficio: A4; A5; A6; B5 (JIS); 16 (JIS); 17 (Duplex print options	Automatic (standard)	
volume ² 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 Recommended weights 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 (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 180 g/m ² (photo); 75 to 90 g/m ² (envelope); 120 to 100 g/m ² (card) Supported weights 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 100 g/m ² (card); Tray 2: 60 to 120 g/m ² (photo); 75 to 90 g/m ² (photo); 75 to 90 g/m ² (photo); 75 to 20 g/m ² (photo); 75 t	Duty cycle (monthly, A4) ¹	Up to 50,000 pages	
Chou #A): Tray 2: A4; A5; B5 (JIS): 16K; envelopes (DL; B5; C5; Chou #3): Tray 3: A4; A5; B5 (JIS): 16K Recommended weights 60 to 1200 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) Supported weights 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 (plain paper); (brochure); 163 to 200 g/m² (card); Tray 2: 60 to 120 g/m² (plain paper); 125 to 250 g/m² (plato); 75 to 90 g/m² (plato); (envelope); 120 to 180 g/m² (brochure); 163 to 200 g/m² (card) Types Plain paper (light, intermediate, mid-weight, heavy, extra heavy, prepunched, recycled, bond, other inkigt plain paper), photo (glossy, gloss, soft gloss, satin, matte, other inkigt photo), ersoles, labels, cards, specialty paper (glossy brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkigt specialty paper (glossy brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkigt specialty paper (glossy brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkigt specialty paper (glossy brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkigt specialty paper (glossy brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkigt specialty paper (glossy brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkigt specialty paper (glossy brochure, matter brochere, JUS 60 x 10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (hptip.net) compatibility Windows 10, Windows 7, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (hptip.net) connectivity FC: Windows ⁶ N 0 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DU drive or Internet connection, USB port,		Up to 750 to 4,500 pages	
163 to 200 g/m² (card) Supported weights Tray 1: 60 to 120 g/m² (plain paper); 125 to 300 g/m² (photo); 75 to 90 g/m² (photo); 75 to 90 g/m² (photo); 75 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 (card) Types Plain paper (light, intermediate, mid-weight, heavy, extra heavy, prepunched, recycled, bond, other inkjet plain paper), photo (glossy, gloss, soft gloss, satn, matte, other inkjet photo), envelopes, labels, cards, specialty paper (glossy brochure, Hiradki Tochure, Hagaki, greeting cards, other inkjet specialty paper) Paper handling 500-sheet input tray, 50-sheet multi-purpose tray; Optional 500-sheet tray; 300-sheet face-down output bin Memory 512 MB Operating system compacting bord, hirdows 8, Windows 7, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (hplip.net) PC: Windows® 10, Windows 8, Windows 7, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (hplip.net) Windows 10, Windows 8, Windows 7, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (hplip.net) 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 8, Windows* 7P SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compabile 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 Mountain Lion; 1 GB HD; Internet required; USB Connectivity 1 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network;	Supported sizes	Chou #4); Tray 2: A4; A5; B5 (JIS); 16K; envelopes (DL; B5; C5; Chou #3); Tray 3: A4; A5; B5 (JIS); 16K	
(brochure): 163 to 200 g/m² (card): Tray 2: 60 to 120 g/m² (plain paper): 25 to 250 g/m² (planto); 75 to 90 g/m² (plant	Recommended weights ³		
paper) photo [glossy, gloss, soft gloss, sith, matte, other inkget photo), envelopes, labels, cards, specialty pape (glossy brochure, matte brochure, tri-fold brochure, Hagaki, greeting cards, other inkjet specialty paper) Paper handling 500-sheet input tray, 50-sheet multi-purpose tray; Optional 500-sheet tray; 300-sheet face-down output bin Memory 512 MB Operating system Windows 10, Windows 8, Windows 7, Mac 05 X v10.6, Mac 05 X Lion, Mac 05 X Mountain Lion, Linux (hplip.net) Compactibility 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 8. Windows NS PSP3 or higher G2-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 Vosemite, OS X Mavericks, OS X Mountain Lion; I GB HD; Internet required; USB Connectivity 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 Static 802.11 b/g/n Cecess Point Network capabilities Standard (built-in Ethernet and WiFi 802.11b/g/n) Supported network Supported Network Protocols configurations (IPv4, IPv6); ARP; BOOTP; SMTP Client; LLMNR; Bonjour; LP/ APIPA (Auto IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; Enable/Glabel network ports device features; 802.1 x wired authentication; 802.1 x wireless authentication (EAP-TLS and PEAP) Dimensions (W x D x H) 530 x 407 x 378.9 mm Weight*	Supported weights	(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 (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);	
Memory 512 MB Operating system compatibility Windows 10, Windows 8, Windows 7, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (hplip.net) 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 Connectivity 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 Static 802.11 b/g Access Point Network capabilities Standard (built-in Ethernet and WiFi 802.11b/g/n) Supported network protocols Supported Network Protocols configurations (IPv4, IPv6); ARP; BOOTP; SMTP client; LLMNR; Bonjour; LP/ APIPA (Auto IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1/v2; SNMPv3; Web Services Discovery; Web Services Print; DHCP options: B1/RFC4702/RFC4704, 12-Hostname; 44; Syslog; Firewall; SSL/TLS (HTTPs); Password-protected network Embedded Web server; Enable/disable network ports device feature; 802.1x wired authentication; 802.1x wireless authentication (EAP-TLS and PEAP) Dimensions (W x D x H) 530 x 407 x 378.9 mm Weight* 16.38 kg Environmental </td <td>Types</td> <td>paper), photo (glossy, gloss, soft gloss, satin, matte, other inkjet photo), envelopes, labels, cards, specialty pape</td>	Types	paper), photo (glossy, gloss, soft gloss, satin, matte, other inkjet photo), envelopes, labels, cards, specialty pape	
Operating system compatibility Windows 10, Windows 8, Windows 7, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (<u>hplip.net</u>) 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 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. 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 Connectivity 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 Static 802.11 b/g Access Point Network capabilities Standard (built-in Ethernet and WiFi 802.11b/g/n) Supported Network Protocols configurations (IPv4, IPv6); ARP; BOOTP; SMTP client; LLMNR; Bonjour; LP/APIPA (Auto IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1/v2; SNMPv3; Web Services Discovery; Web Services Print; DHCP options: 81/RFC4702/RFC4704, 12-Hostnarme: 44; Syslog; Firewall; S2L/TLS (HTTP); Password-protected network Embedded Web serve; Enable/disable network ports device features; 802.1x wired authentication; 802.1x wireless authentication (EAP-TLS and PEAP) Dimensions (W x D x H) S30 x 407 x 378.9 mm Weight ⁴ 16.38 kg Environmental Power supply	Paper handling	500-sheet input tray, 50-sheet multi-purpose tray; Optional 500-sheet tray; 300-sheet face-down output bin	
Compatibility 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. 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 Connectivity 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 Static 802.11 b/g Access Point Supported Network Supported Network Protocols configurations (IPv4, IPv6); ARP; BOOTP; SMTP client; LLMNR; Bonjour; LP/ APIPA (Auto IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1/v2; SNMPv3; Web Services Discovery; Web Services Print; DHCP options: 81/RFC4702/RFC4704, 12-Hostname; 44; Syslog; Firewall; S2L/TLS (HTTP); Password-protected network Embedded Web serve; Enable/disable network ports device features; 802.1x wired authentication; 802.1x wireless authentication (EAP-TLS and PEAP) Dimensions (W x D x H) 530 x 407 x 378.9 mm Weight* 16.38 kg Environmental Operating environment Opwer supply type: Internal (Built-in) Universal Power Supply; Power supply required: Input voltage: 100 to 240 VAC (+/-	Memory	512 MB	
requirementsconnection, 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 Explorer 8; Mac: Apple® OS X Yosemite, OS X Mavericks, OS X Mountain Lion; 1 GB HD; Internet required; USBConnectivity1 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 802.11 b/g Access Point 802.11 b/g Access PointNetwork capabilitiesStandard (built-in Ethernet and WiFi 802.11b/g/n)Supported network protocolsSupported Network Protocols configurations (IPV4, IPV6); ARP; BOOTP; SMTP client; LLMNR; Bonjour; LP/ APIPA (Auto IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1/v2; SNMPv3; Web Services Discovery; Web Services Print; DHCP options; 81/REC4702/RFC4704, 12-Hostname; 44; Syslog; Firewall; SSL/TLS (HTTPs); Password-protected network Embedded Web server; Enable/disable network ports device features; 802.1x wired authentication (EAP-TLS and PEAP)Dimensions (W x D x H)S30 x 407 x 378.9 mmWeight*16.38 kgEnvironmentalRecommended operating temperature range: 15 to 30° C; Storage temperature range: -40 to 60° C AcousticsAcousticsAcoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 56 dB(A) (Mono/colour printing), inaudible (dle)Power supply type: Internal (Built-in) Universal Power Supply; Power supply required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power co		Windows 10, Windows 8, Windows 7, Mac OS X v10.6, Mac OS X Lion, Mac OS X Mountain Lion, Linux (<u>hplip.net</u>)	
Connectivity 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 Static 802.11 b/g Access Point Network capabilities Standard (built-in Ethernet and WiFi 802.11 b/g/n) Supported network Supported Network Protocols configurations (IPv4, IPv6); ARP; B00TP; SMTP client; LLMNR; Bonjour; LP/ APIPA (Auto IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1/v2; SNMPV3; Web Services Discovery; Web Services Print; DHCP options: 81/RFC4702, IREC4704, 12-Hostname; 44; SysJog; Firewall; SSL/TLS (HTTPs); Password-protected network Embedded Web server; Enable/disable network ports device features; 802.1 x wired authentication; 802.1 x wireless authentication (EAP-TLS and PEAP) Dimensions (W x D x H) S30 x 407 x 378.9 mm Weight* 16.38 kg Environmental Operating environment Acoustics Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 56 dB(A) (Mono/colour printing), inaudible (idle) Power supply type: Internal (Built-in) Universal Power Supply; Power supply required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Maual-Off) Warranty 1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange) What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁶ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable		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,	
802.11 b/g Access Point Network capabilities Standard (built-in Ethernet and WiFi 802.11b/g/n) Supported network protocols Supported Network Protocols configurations (IPv4, IPv6); ARP; B00TP; SMTP client; LLMNR; Bonjour; LP/ APIPA (Auto IP); Net8I0S/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SMMPv1/v2; SMMPv1/v2; SWMPv1/v2; SMMPv1/v2; SMMPv1/v2; SMMPv1/v2; SMMPv1/v2; SMPv1/v2; SMMPv1/v2; SMMPv1/v2; SMMPv1/v2; SMMPv1/v2; SMMPv1/v2; SMMPv1/v2; SMMPv1/v2; S	Connectivity		
Supported network Supported Network Protocols configurations (IPv4, IPv6); ARP; BOOTP; SMTP client; LLMNR; Bonjour; LP/ APIPA (Auto IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1/v2; SNMPv3; Web Services Discovery; Web Services Print; DHCP options: 81/RFC4702/RFC4704, 12-Hostname; 44; Syslog; Firewall; SSL/TLS (HTTPs); Password-protected network Embedded Web server: Enable/disable network ports device features; 802.1 x wired authentication; 802.1 x wireless authentication (EAP-TLS and PEAP) Dimensions (W x D x H) 530 x 407 x 378.9 mm Weight ⁴ 16.38 kg Environmental Operating environment Recommended operating temperature range: 15 to 30° C; Storage temperature range: -40 to 60° C Acoustics Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 56 dB(A) (Mono/colour printing), inaudible (idle) Power supply type: Internal (Built-in) Universal Power Supply; Power supply required: Input voltage: 100 to 240 VAC (+/ - 10%), 50/60 Hz (+/ - 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) Warranty 1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange) What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Connectivity	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 Statio 802.11 b/g Access Point	
protocols (Auto IP); NetBIOS/WINS; LPR/LPD; Custom Raw Port/Port9100; DNS Resolver; mDNS; SNMPv1/v2; SNMPv3; Web Services Discovery; Web Services Print; DHCP options: B1/RFC4702/RFC4704, 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) Dimensions (W x D x H) 530 x 407 x 378.9 mm Weight ⁴ 16.38 kg Environmental Operating environment Operating environment Recommended operating temperature range: 15 to 30° C; Storage temperature range: -40 to 60° C Acoustics Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 56 dB(A) (Mono/colour printing), inaudible (idle) Power supply type: Internal (Built-in) Universal Power Supply; Power supply required: Input voltage: 100 to 240 VAC (+/ - 10%), 50/60 Hz (+/ - 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) Warranty 1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange) What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Network capabilities	Standard (built-in Ethernet and WiFi 802.11b/g/n)	
Weight ⁴ 16.38 kg Environmental Operating environment Recommended operating temperature range: 15 to 30° C; Storage temperature range: -40 to 60° C Acoustics Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 56 dB(A) (Mono/colour printing), inaudible (idle) Power supply type: Internal (Built-in) Universal Power Supply: Power supply required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) Warranty 1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange) What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable		Web Services Discovery; Web Services Print; DHCP options: 81/RFC4702/RFC4704, 12-Hostname; 44; Syslog; Firewall; SSL/TLS (HTTPs); Password-protected network Embedded Web server; Enable/disable network ports	
Environmental Recommended operating temperature range: 15 to 30° C; Storage temperature range: -40 to 60° C Acoustics Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 56 dB(A) (Mono/colour printing), inaudible (idle) Power supply type: Internal (Built-in) Universal Power Supply: Power supply required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) Warranty 1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange) What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Dimensions (W x D x H)	530 x 407 x 378.9 mm	
Operating environment Recommended operating temperature range: 15 to 30° C; Storage temperature range: -40 to 60° C Acoustics Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 56 dB(A) (Mono/colour printing), inaudible (idle) Power supply type: Internal (Built-in) Universal Power Supply; Power supply required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) Warranty 1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange) What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Weight ⁴	16.38 kg	
Acoustics Acoustic power emissions: 6.9 B(A); Acoustic pressure emissions: 56 dB(A) (Mono/colour printing), inaudible (idle) Power supply type: Internal (Built-in) Universal Power Supply; Power supply required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) Warranty 1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange) What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Environmental		
inaudible (idle) Power supply type: Internal (Built-in) Universal Power Supply; Power supply required: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) Warranty 1 Year: Limited Warranty (Return to HP/Dealer - Unit Exchange) What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Operating environment	Recommended operating temperature range: 15 to 30° C; Storage temperature range: -40 to 60° C	
to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average (Printing), 9.5 watts (Ready), 4.5 watts (Sleep), 0.95 watts (Auto-Off), 0.2 watts (Manual-Off) Warranty 1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange) What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Acoustics		
What's in the box HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide); USB cable	Power specifications	to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 100 watts (Maximum), 70 watts average	
Windows and Mac printer drivers, and User's Guide); USB cable	Warranty	1 Year Limited Warranty (Return to HP/Dealer - Unit Exchange)	
Accessories HP PageWide Pro 500-sheet Paper Tray (D3Q23A)		HP PageWide Pro 452dw Printer; Setup cartridges ⁵ ; power cord; installation guide; CD-ROMs (for software,	
	Accessories	HP PageWide Pro 500-sheet Paper Tray (D3Q23A)	

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.

² 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.

³ All HP media listed as compatible with the printer in the HP Designjet Printing Supplies Compatibility Guide, regardless of weight, may be used.

⁴ With ink installed, no media in trays.

⁵ In order to initialize the printer, some ink from the included setup cartridges will be used. Setup cartridges may have different page yield than replacement cartridges. For more information, visit: hp.com/go/learnaboutsupplies

⁶ Available in selected countries only.

To learn more, visit hp.com

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Ordering information

Number D3Q16D	Description HP PageWide Pro 452dw Printer	
Replacement	cartridges	
Number	Description	
LOR97AA	HP 975A Black Original PageWide Cartridge	
LOR88AA	HP 975A Cyan Original PageWide Cartridge	
LOR91AA	HP 975A Magenta Original PageWide Cartridge	
LOR94AA	HP 975A Yellow Original PageWide Cartridge	
LOSO9AA	HP 975X High Yield Black Original PageWide Cartridge	
LOSOOAA	HP 975X High Yield Cyan Original PageWide Cartridge	
LOSO3AA	HP 975X High Yield Magenta Original PageWide Cartridge	
L0S06AA	HP 975X High Yield Yellow Original PageWide Cartridge	
For information	n on reference page output, please log on the hp.com/go/pageyield	
Recommende	d Papers ⁶	

Number	Description

Der	Description
8A	HP Professional Inkjet Paper, Glossy, A4, 50 sheets, 180 gsm
3A	HP Professional Inkjet Paper, Matte, A4, 200 sheets, 120 gsm
4A	HP Professional Inkjet Paper, Matte, A3, 100 sheets, 120 gsm
e visit hp	.com/apac/paper for more details.

How	lett-Pac	kard	officas	

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newlett-ratka	u onnes	
Australia	(613) 8833 5000	hp.com.au
China	(010) 6564 3888	hp.com.cn
Hong Kong	(852) 3559 7777	hp.com.hk
India	(80) 2612 9000	hp.com/in
Indonesia	(62-21) 5799 1088	hp.com/id
Korea	(02) 2199 0114	hp.co.kr
Malaysia	(603) 2332 3333	hp.com.my
New Zealand	(09) 918 9555	hp.co.nz
Philippines	(632) 888 5900	hp.com/ph
Singapore	(65) 6275 3888	hp.com.sg
Taiwan	(02) 8722 9000	hp.com.tw
Thailand	(662) 353 9500	hp.com/th
Vietnam	(848) 3823 4151	hp.com/vn

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Number	Description
U8ZZ2E	HP 3-year Next Business Day PageWide Pro X452/X552
	Hardware Support
U8ZZ2A	HP 3-year Next Business Day PageWide Pro X452/X552
	Hardware Support
U8ZZ3E	HP 4-year Next Business Day PageWide Pro X452/X552
	Hardware Support
U8ZZ4E	HP 5-year Next Business Day PageWide Pro X452/X552
	Hardware Support
U8ZZ5E	HP 3-year 4h 9x5 PageWide Pro X452/X552 Hardware
	Support
U8ZZ6E	HP 4-year 4h 9x5 PageWide Pro X452/X552 Hardware
	Support
U8ZZ7E	HP 5-year 4h 9x5 PageWide Pro X452/X552 Hardware
	Support
U8ZZ8E	HP 3-year 4h 13x5 PageWide Pro X452/X552 Hardware
	Support
U8ZZ9E	HP 4-year 4h 13x5 PageWide Pro X452/X552 Hardware
	Support
U9AA0E	HP 5-year 4h 13x5 PageWide Pro X452/X552 Hardware
	Support
U9AA9PE	HP 1-year Post Warranty Next Business Day PageWide
	Pro X452/X552 Hardware Support
U9AB0PE	HP 2-year Post Warranty Next Business Day PageWide
	Pro X452/X552 Hardware Support
U9AB1PE	HP 1-year Post Warranty 4h 9x5 PageWide Pro
	X452/X552 Hardware Support
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