# HP PageWide Pro 452dn, 452dw, 552dw Printer



HP PageWide Pro is faster<sup>1</sup> than any color printer in its class, for an exceptional value.<sup>2</sup>

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 professional-quality color plus best-in-class security features and energy efficiency.<sup>3,4</sup>

Dynamic security: Cartridges with non-HP chips might not work today or in the future. Learn More: http://www.hp.com/go/learnaboutsupplies



HP PageWide Pro 452dn Printer



HP PageWide Pro 452dw Printer



HP PageWide Pro 552dw Printer

#### Professional color, 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 color on a variety of papers—perfect for office use.
- Print 4x more pages than standard cartridges with Original HP PageWide extra-high-yield cartridges.<sup>7</sup> (for 552dw model)
- Spend less time and budget on scheduled maintenance with streamlined HP PageWide Technology.8

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

- Keep productivity on track with best-in-class speeds<sup>1</sup> and fast printing from sleep mode. Documents are ready fast, so there's less waiting.
- Grab pages and go—without waiting. This device wakes up and prints fastest in its class.<sup>5</sup>
- Manage tasks from a 4.3-inch (10.9 cm) touchscreen. Print Microsoft® Word and PowerPoint® files from USB.<sup>6</sup> (for 552dw model)
- Print from your mobile device with Wi-Fi Direct® and NFC touch-to-print technology—no network needed.<sup>9,10</sup> (for 552dw model)

## 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 much less energy than any printer in its class.<sup>4</sup>
- Print up to 13,000 color pages and up to 17,000 black-and-white pages—and go longer between replacements.<sup>7</sup> (for 552dw model)
- Get professional-quality color documents and the performance you expect with Original HP PageWide cartridges.

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

- Help protect your investment and extend capabilities as your needs grow with a portfolio of solutions.<sup>11</sup>
- Help ensure the security of confidential information. Enter a PIN at the device to retrieve your print job. (for 552dw model)
- Regulate color use and reduce printing costs with HP Color Access Control.<sup>12</sup> (for 552dw model)
- Help keep your printer secure—from boot up to shutdown—with secure boot and secure code integrity validation.

¹Comparison based on manufacturers' published specifications of fastest available color mode of all color 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/printerspeeds² 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 color 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 hp.com/go/pagewideclaims and hp.com/go/learnaboutsupplies³ Best-in-class security and fleet management claim based on comparison of built-in features of all color business printers \$300-\$800 USD and MFPs \$400-\$1000 USD as of November 2015, excluding products with 1% or lower market share as reported by IDC as of Q3 2015. Learn more at hp.com/go/printersecurityclaims 6 Energy claim based on TEC data reported on energystargov. Data normalized to determine energy efficiency of majority of in-class 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 hp.com/go/pagewideclaims 5 Comparison based on manufacturers' published specifications of first page out from ready and sleep mode of all color 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. Learn more at hp.com/go/pagewideclaims of November 2015, e

# Product walk around: 552dw Printer

- Intuitive 4.3-inch (10.9 cm) color touchscreen with aesturing
- 2 Easy-access USB port for convenient USB document printing
- 3 Wi-Fi Direct<sup>5</sup>/NFC touch to-print<sup>6</sup>
- 4 50-sheet multipurpose tray 1 with long paper
- 5 300-sheet output bin
- 6 Built-in wireless networking7
- 7 Front door access to easy-to-replace print cartridges
- 8 Built-in automatic two-sided printing
- 9 500-sheet main input tray 2
- 10 Ethernet network port, 10/100Base-TX
- 11 Hi-Speed USB 2.0 printing port
- 12 Hi-Speed USB 2.0 port (for connecting third party devices)



HP PageWide Pro 552dw Printer shown





# Series at a glance





Model 452dn/dw 552dw

Print speed in pages per minute (ppm) (black/color, letter/A4)8	Up to 40 Professional mode Up to 55 General Office (G0) mode	Up to 50 Professional mode Up to 70 General Office (GO) mode
Print cartridge options (maximum page yields)	High-yield (X) cartridges (10,000 black/7,000 color) <sup>9</sup>	Extra-high-yield (Y) cartridges (17,000 black/13,000 color) <sup>10</sup>
Control panel display	2-inch (5 cm) mono graphic display	4.3-inch (10.9 cm) color touchscreen
Print input capacity (standard/optional)	550/1,05011	550/1,550 <sup>12</sup>
Duty cycle (pages per month) <sup>13</sup>	Up to 50,000	Up to 80,000
Security, manageability, and extensibility features	√	1
Print Microsoft® Word and PowerPoint® files from USB14	Not available	√
Wi-Fi Direct⁵ and NFC touch-to-print capabilities <sup>6</sup>	dw model only	√

¹ A Mobile device needs to be connected directly to the Wi-Fi Direct 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. For details, see <a href="https://px.ncb/bit.html">https://px.ncb/bit.html</a>. PNFC pointing and bit price of the Wi-Fi Alliance®. \*NFC touch-to-print capabilities available with 377, 477, 552, and 577 series models only. Requires a compatible NFC-printing-enabled mobile devices, See <a href="https://printing-enabled-nobile-bit.html">https://printing-enabled-nobile-bit.html</a> device. For a list of compatible NFC-printing-enabled mobile devices, see <a href="https://printing-enabled-nobile-bit.html">https://printing-enabled-nobile-bit.html</a> device. For a cress point, and may be limited during active VPN connections. \*Printing speed measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see <a href="https://printing-printing-enabled-nobile-bit.html">https://printing-enabled-nobile-bit.html</a> device separately. Comparison on the system configuration, software application, driver, and document complexity. Print speeds are up to 55 ppm, letter/A4 for the HP PageWide Pro 452 and 477 series; up to 70 ppm, letter/A4 for the HP PageWide Pro 552 and 577 series. \*IH 976X High Yield Original PageWide cartridges are untifuled in printer purchase separately. Comparison on ISO 24711 cartridge yields for HP 970 series High-yield cartridges are compatible only with HP PageWide Pro 400 and 500 series MFPs and printers. Learn more at hp.com/go/learnaboutsupplies '19 Finting up to 1,050 sheets with HP 970 series Original PageWide cartridges. Extra-high-yield cartridges are compatible only with HP PageWide Pro 500 series MFPs and printers. Learn more at hp.com/go/learnaboutsupplies '19 Finting up to 1,050 sheets with additional paper input tray. On included please purchase separately. Comparison based on ISO 24711 cartridges yields for HP 976Y Extra High Yield Original PageWide Cartrid

# **HP Services**

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

HP Care Pack Services provide comprehensive suite of protection services designed to keep HP Hardware and software up and running so employees can stay productive.

Installation Service with Network Setup: Installation services that include onsite installation and network setup of printing product.

**Next Business Day Onsite Repair:** Makes an HP technician available at customers' premise the next business day, if the issue cannot be resolved remotely.

For care pack availability visit: hp.com/go/cpc













# **Top Features**

Count on exceptional value and the results businesses need—print professional-quality color documents for the lowest total cost of ownership in its class.<sup>2</sup>

Keep productivity on track with best-in-class speeds<sup>1</sup> and fast printing from sleep mode. Documents are ready fast, so there's less waiting.

Minimize interruptions and downtime with efficient, reliable performance. Conserve resources and use significantly less energy than laser printers,<sup>4</sup> with HP PageWide Technology designed for today's busy office.

Help protect your fleet, data, and documents with best-in-class security and fleet management features.<sup>3</sup> Help secure important information and get the tools you need to work efficiently and confidently.

HP PageWide Pro 500-sheet Paper Tray		
HP PageWide Pro 2x500-sheet Paper Tray and Stand (only for 552dw model)		
HP 972A Black Original PageWide Cartridge (~3500 pages)		
HP 972A Cyan Original PageWide Cartridge (~3000 pages)		
HP 972A Magenta Original PageWide Cartridge (~3000 pages)		
HP 972A Yellow Original PageWide Cartridge (~3000 pages)		
HP 972X High Yield Black Original PageWide Cartridge (~10,000 pages)		
HP 972X High Yield Cyan Original PageWide Cartridge (~7000 pages)		
HP 972X High Yield Magenta Original PageWide Cartridge (~7000 pages)		
HP 972X High Yield Yellow Original PageWide Cartridge (~7000 pages)		
HP 976Y Extra High Yield Black Original PageWide Cartridge (~17000 pages) (552dw)		
HP 976Y Extra High Yield Cyan Original PageWide Cartridge (~13000 pages) (552dw)		
HP 976Y Extra High Yield Magenta Original PageWide Cartridge (~13000 pages) (552dw)		
HP 976Y Extra High Yield Yellow Original PageWide Cartridge (~13000 pages) (552dw)		

#### Services

#### HP PageWide Pro 452dn/dw, 552dw Printer

U8ZZ1E	HP 2 Year Next Business Day PageWide Pro X452/X552 Hardware Support
U8ZZ2E	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
U9AA1E	HP 3 year Next Business Day Exchange PageWide Pro X452/X552 Service
U1PA9E	HP Network Installation OfficeJet/PageWide Pro X45x-X55x Service

¹Comparison based on manufacturers' published specifications of fastest available color mode of all color 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 <a href="https://px.com/go/printerspeeds">px.com/go/printerspeeds</a>
² 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 color 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 <a href="https://px.com/go/pagewideclaims">https://px.com/go/pagewideclaims</a> and <a href="https://px.com/go/pagewideclaims">https://px.com/go/pagewideclaims</a> are reported by IDC as of Q3 2015. Actual results may vary. Learn more at <a href="https://px.com/go/pagewideclaims">https://px.com/go/pagewideclaims</a> are reported by IDC as of Q3 2015. Actual results may vary. Learn more at <a href="https://px.com/go/pagewideclaims">https://px.com/go/pagewideclaims</a>

# HP PageWide Pro 452dn, 452dw, 552dw Printer

Technical specifications	HP PageWide Pro 452dn Printer (D3Q15A)	HP PageWide Pro 452dw Printer (D3Q16A)	HP PageWide Pro 552dw Printer (D3Q17A)	
AiO functions		Print		
Ouplex print options		Automatic (standard)		
Print speed	ISO speed: Up to 40 ppm black and color  Maximum, letter: Up to 55 ppm black and color		ISO speed: Up to 50 ppm black and color Maximum, letter: Up to 70 ppm black andcolor	
irst page out	Black (ready): As fast as 6.5 sec; (	Color (ready): As fast as 7 sec	Black (ready): As fast as 6 sec; Color (ready): As fast as 6.5 sec	
Print resolution	Black (best): 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 (best): Up to 2400 x 1200 optimized dfrom 600 x 600 input dpi (on HP Advanced Photo Papers)			
Print technology	HP PageWide Technology with pigmented inks			
Print cartridges number	4 (1 each black, cyan, magenta, yellow)			
Nobile printing capability	Not available HP ePrint, HP Mobile Apps, Google Cloud Print v2, Apple AirPrint™, Mopria-certified, Android Plug-in, Windows 8/10, Windows 10 Mobile, Chromeboo			
Borderless printing		No		
Standard print languages	HP PCLXL (PCL6), native PDF, HP Postscript Level 3 emulation			
Printer management	HP Web Jetadmin; Embedded Web Server; HP UPD Printer Administrator Resource Kit; HP Utility (Mac), HP JetAdvantage Security Manager optional			
Printer smart software features	452dn: HP ePrint, HP Mobile Apps, 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, Control Panel Shortcuts; 452dw; same as 452dn plus Google Cloud Print v2, Apple Airprints; 152dw, same as 452db plus HP UPP Di Printints; 152dw, Distonal: HP and third party extensibility solutions; wireless			
Standard connectivity	452dn: 1 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 452dw/552dw: same as 452dn plus 802.11 b/g/n Station; 802.11 b/g Access Point			
Network capabilities		Standard (built-in Ethernet, Wi-Fi 802.11b/g/n)		
Wireless capability	Standard (built-in Ethernet)	Standard (built-in Ethern	net and Wi-Fi 802.11b/g/n)	
Memory	512 MB			
Duty cycle (monthly) <sup>2</sup>	Up to 50,000 pages; <b>Recommended mon</b>	thly page volume: <sup>3</sup> 750 to 4500 pages	Up to 80,000 pages; <b>Recommended monthly page volume:</b> 1000 to 6000 pages	
Paper handling	500 1 11 11	50   1   10   10   1500   10   10   10		
Input	500-sheet input tray, 50-sheet multi-purpose tray; Optional 500-sheet input tray; 2x500 sheet paper tray and stand			
Output	01: (1:1::::::::::::::::::::::::::::::::	300-sheet face-down output bin		
Media type	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 weight⁴	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, 4 (552dw): 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb (brochure); 90 to 110 lb (card)			
Media sizes custom		o 8.5 x 14 in; <b>Tray 2:</b> 4.0 x 8.3 in to 8.5 x 11.7 in; <b>Optional Tray 3:</b> 4.0 x 8.3 in		
Dimensions (W x D x H)	20.9 x 16 x 14.9 in; <b>Max:</b> 31.6 x 27.3 x 14.9 in		20.9 x 16.0 x 16.5 in; <b>Max:</b> 31.6 x 27.3 x 17.9 in	
Weight <sup>1</sup>	36.10		37.04 lb	
What's in the box	HP PageWide Pro Printer; HP 972A Setup Black PageWide Cartridge (~3000 pages); HP 972A Setup Cyan PageWide Cartridge; HP 972A Setup Wagenta PageWide Cartridge; HP 972A Setup Vellow PageWide Cartridge (CMY composite ~1500 pages); power cord; installation guide; CD-ROMs (for software, Windows and Mac printer drivers, and User's Guide).		HP PageWide Pro 552dw Printer; HP 972A Setup Black PageWide Cartridg (~3500 pages); HP 972A Setup Cyan PageWide Cartridge; HP 972A Setup Magenta PageWide Cartridge; HP 972A Setup Yellow PageWide Cartridge (CMY composite ~2000 pages); power cord; installation guide; CD-ROMS (for software, Windows and Mac printer drivers, and User's Guide).	
Warranty features	One-year, on-site warranty, service and support; one-year technical phone support, chat, and e-mail			
Compatible operating systems	Windows 10, Win	dows 8, Windows 7, Mac OS X v10.11 El Capitan, OS X v10.10 Yosemite, OS	X v10.9 Mavericks, Linux (hplip.net)	
Compatible network operating systems	Windows 10, Windows 8, Windows 7, Mac 05 X v10.11 El Capitan, 05 X v10.10 Yosemite, 05 X v10.9 Mavericks, Windows 2003 Server (Standard Edition, Enterprise Edition, 32bit & 64-bit), Windows 2003 Server (2003 (32bit & 64-bit), Windows 2003 Server (Standard Edition, Enterprise Edition, 32bit & 64-bit), Windows Small Business Server 2003 (32bit & 64-bit), Windows 2008 Server (Standard Edition, Enterprise Edition, 42bit), Windows Small Business Server 2008 (84-bit), Windows Small Business Server 2012, Windows Server 2012 (Windows Server 2008 RZ), Windows Server 2008 RZ			
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® Penthum® II, Celeron® 7e 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 V10.11 EL Capital SX V10.10 FE (25-bit only), 65 X V10.10 Avaerdick; 1 GB HD, Internet required; USB			
Environmental ranges	Recommended operating temperature: 59 to 86° F (15 to 30° C): Non-operating humidity range: 5 to 90% RH; Operating humidity range: 20 to 80% RH; Storage Temperature Range: -40 to 140° F (-40 to 60° C)			
Energy efficiency compliance	ENERGY STAR® qualified			
Acoustic	Acoustic power emissions: 7 6.8 B(A) Acoustic pressure emissions: 56 dB(A) (Mono/color printing), inaudible (idle)	missions: 56 Acoustic power emissions: 7 6.9 B(A) Acoustic pressure emissions: 56 dB(A) (Mono/color printing), inaudible (idle)		
Power	Power supply type: Internal (Guilt-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), 0.2 watts (Manual-Off); Typical electricity consumption (TEC) number: 0.826 kWh/Week (452dn/452dw), 0.781 kWh/Week (552dw)			
Display	2.0" MGD (Monochrome Graphic Display) 4.3" CGD (Color Graphic Display), IR touchscreen			

# To learn more, visit <u>hp.com</u>

© Copyright 2015-2017 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. Windows is a registered trademark of Microsoft Corporation. AirPrint, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.



<sup>&</sup>lt;sup>1</sup> With ink installed, no media in trays. <sup>2</sup> 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. <sup>3</sup> 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. <sup>4</sup> All HP media listed as compatible with the printer in the HP Designjet Printing Supplies Compatibility Guide, regardless of weight, may be used