Introducing HP PageWide, a whole new generation of printing

Reinventing printing. Defying expectations.

We're reinventing printing because when your technology defies expectations, so do your people. HP PageWide Technology is helping companies reinvent the way they print—and the way they do business. HP PageWide prints across the entire page in a single pass, delivering millions of perfectly uniform droplets with pinpoint accuracy. The result is higher-quality prints with less energy use and lower printing costs. When you choose an HP PageWide printer, you get best-in-class speeds[1,2] and professional-quality color for the lowest total cost of ownership in its class.[3,4] Plus, HP PageWide printers come with superior security[5,6] and fleet management features built in. And when your technology works like that, so does your workforce.

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Meet the new HP PageWide printers and MFPs

HP PageWide Enterprise 500 series MFPs and printers

- Ideal for teams of 5-15 people printing 2,000 to 7,500 pages per month[7]
- Best-in-class print speeds[1]—up to 75 pages per minute (ppm), General Office mode
- Extra-high-yield cartridges: 20,000/16,000 pages (black/color)[8] and high-yield cartridges: 11,000/10,000 pages (black/color)[9]
- Flow MFP option (586z): pull-out keyboard, HP EveryPage, embedded OCR, send to Microsoft® SharePoint®,[10] and more
- HP High-Performance Secure Hard Disk (minimum 320 GB)[11]

HP PageWide Pro 500 series MFPs and printers

- Ideal for teams of 5-15 people printing 1,000 to 6,000 pages per month[7]
- Best-in-class print speeds[2]—up to 70 ppm, GO mode
- Extra-high-yield cartridge: 17,000/13,000 pages (black/color)[12]
- HP Color Access Control[13]
- Less energy use than any printer/MFP in its class[14]

HP PageWide Pro 400 series MFPs and printers

- Ideal for teams of 3-10 people printing 750 to 4,500 pages per month[7]
- Best-in-class print speeds[2]—up to 55 ppm, GO mode
- High-yield cartridge: 10,000/7,000 pages (black/color)[15]
- HP Color Access Control[13] (477 only, within the 400 series)
- Less energy use than any printer/MFP in its class[14]

HP PageWide MFP 377dw

- Ideal for teams of 3-10 people printing 500 to 3,000 pages per month[7]
- Best-in-class print speeds[2]—up to 45 ppm, GO mode
- Standard cartridge: 3,500/3,000 pages (black/color)
- Less energy use than any MFP in its class[14]

Features	PageWide and PageWide Pro	PageWide Enterprise
Single-pass, two sided scanning	Up to 26 images per minute (ipm)[16,17]	Up to 74 ipm[16,17]
Device, data, and document security	Best-in-class security[5] with embedded features like secure boot, secure firmware, and run-time code integrity validation	Deepest security[6] including HP Sure Start, whitelisting, and run-time intrusion detection
	100+ embedded security settings on the 477/552/577 series; 70+ on the 452 series	200+ embedded security settings on the MFP 586 series; 100+ on the 556 series
Intuitive color touchscreen	4.3-inch (10.9 cm)—377/477/552/577 only 2.0-inch (5.08 cm) mono graphics display—452 series	8-inch (20.3 cm) pivoting—MFP 586 series 4.3-inch (10.9 cm)—556 series
Memory upgrade	Not available	Optional 1 GB memory upgrade
Extensibility	Extensibility through HP Open Extensible Platform (OXP) with job accounting, supports proximity cards—477/552/577 only	Full extensibility through HP OXP and Hardware Integration Pocket (HIP)[18]
Maximum input capacity	1,550 sheets with optional input trays (500 series only)[19]	2,050 sheets with optional input trays

HP PageWide Technology

HP PageWide Technology delivers professional color, best-in-class cost of ownership,[3,4] fastest speeds,[1,2] plus best energy efficiency.[14,20]

Drive office productivity with high-performance, professional-quality color printing, plus strong security features and energy efficiency. HP PageWide delivers:

- Up to 20% lower total cost of ownership than most competitors (400 and 500 series printers and MFPs)[3,4]

- Best-in-class print speeds[1,2]—up to 75 ppm

- Fast single-pass, two-sided scanning (MFP devices)— up to 74 ipm[16,17]

- Less energy use than lasers in its class[14,20]

- Durable documents that are water-, smear-, fade-, and highlighter-resistant[21]

- Fewer replaceable parts than most lasers[22]

- Job concurrency—scan, copy, or fax[23] while someone else is printing, and keep work moving (MFP devices only)

- Print Microsoft Word and PowerPoint® from USB (477/552/577 series only)[24]

For more information, see the HP PageWide Technology white paper.[25]

Key design elements

PageWide writing system

- 42,240 nozzles /10,560 per color eject ink in precisely the right location

- Fixed printhead so only the paper moves, enabling fast printing in a single pass

HP 970/981 cartridges

- Fast drying water-, smear-, fade-, and highlighter-resistant for durable output[21]

- High black and color saturation for professional-quality color documents[26]

- High-yield[9,15] and extra-high-yield[8,12] supplies help you print longer before replacing supplies

- Affordable prints, every time

Precision paper motion

- High-speed throughput enables faster printing

- Adjustable paper guides hold printed pages on two sides for neat stacking in the output tray

Dependable print quality

- Robust printhead designed to last the life of the printer

- Designed so every nozzle has a backup—ensures professional print quality every time

- Automatic printhead servicing to keep the printbar defect-free for consistent print quality

- Automatic nozzle testing and substitution that detects and unclogs printheads for consistent print quality over time

Give your business a competitive edge

Streamline crucial business processes and tasks using powerful HP JetAdvantage business workflow and printing solutions. The latest tools for efficient printer fleet management help reduce IT workload and costs, enhance employee productivity, and enable users to print securely—wherever business demands. Visit the websites and resources below for more information:

HP JetAdvantage Solutions: hp.com/go/printingsolutions

HP JetAdvantage Solutions Compatibility Guide: hp.com/go/compatibilityguide

HP JetAdvantage Global Solution Center: hp.com/go/gsc

HP Secure Printing: hp.com/go/printersthatprotect

HP JetAdvantage Solutions brief [27]

HP Print Security Solutions overview [28]

Security risks and HP JetAdvantage solutions video [29]

Learn more at
hp.com/go/pagewidebusiness

[1] Comparison of Enterprise devices based on manufacturers' published specifications of fastest available color mode of color business A4 MFPs $1,000 - $3,000 USD (compared to the MFP 586 series) and color business A4 printers $500 - $1,249 USD (compared to the 556 printer series) 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.

[2] Comparison based on manufacturers' published specifications of fastest available color mode of all color business printers $300 - $600 USD (compared to the MFP 377dw) and all color business printers $300 - $800 USD (compared to the Pro 452/552/477/577 series) and MFPs $400 - $1,000 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.

[3] Total cost of ownership comparison based on 150,000 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 A4 MFPs $1,000 - $3,000 USD (compared to the MFP 586 series) and all color business A4 printers $500 - $1,249 USD (compared to the 556 printer series) 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.

[4] 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 - $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.

[5] Best-in-class security claim is based on HP review of published embedded security features of competitive in-class Pro printers as of January 2016. Learn more at hp.com/go/printersecurityclaims.

[6] Only HP Enterprise-class devices with FutureSmart offer a combination of security features for integrity checking down to the BIOS with self-healing capabilities. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printersthatprotect.

[7] 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.

[8] Yield based on ISO 24711 cartridge yields for HP 981Y Extra High Yield Original PageWide Cartridges, which are not included in printer purchase; purchase separately. Comparison based on ISO 24711 cartridge yields for HP 981Y Extra High Yield Original PageWide Cartridges compared with HP 981 series Original PageWide cartridges. Learn more at hp.com/go/learnaboutsupplies.

[9] Based on ISO 24711 cartridge yields for HP 981 series High Yield Original PageWide Cartridges compared with HP 981 series Original PageWide Cartridges. Learn more at hp.com/go/learnaboutsupplies.

[10] Scanning to SharePoint is supported on the HP PageWide Enterprise Color Flow MFP 586z model only and requires an Internet connection to the MFP. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com.

[11] The HP High-Performance Secure Hard Disk is only available on the HP PageWide Enterprise Color MFP 586 series and the HP PageWide Enterprise Color 556xh.

[12] Yield based on ISO 24711 cartridge yields for HP 976Y Extra High Yield Original PageWide Cartridges, which are not included in printer purchase; purchase separately. Comparison based on ISO 24711 cartridge yields for HP 976Y Extra High Yield Original PageWide Cartridges compared 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.

[13] HP Color Access Control available only on HP PageWide Pro devices with a 4.3-inch touchscreen and HP PageWide Enterprise devices. Learn more at hp.com/go/pagewidebusiness.

[14] Energy claim based on comparisons of data reported on energystar.gov for majority of in-class color business printers $300-$800 USD and color business MFPs $400–$1,000 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.

[15] 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.

[16] Single-pass, two-sided scanning is supported on the HP PageWide MFP 377dw, HP PageWide Pro MFP 477dw and 577dw models and the HP PageWide Enterprise Color MFP 586 series only. Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com.

[17] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

[18] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

[19] Optional paper trays and stand are supported on the HP PageWide MFP 377dw, the HP PageWide Pro MFP 477dw and 577dw/z, and the HP PageWide Pro 552dw.

[20] Energy claim for enterprise devices based on TEC data reported on energystar.gov. Data normalized to determine energy efficiency of majority of in-class color laser MFPs $1,000 - $3,000 USD and color laser printers $500 - $1,249 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.

[21] Water, smear, fade, and highlighter resistance based on ISO 11798 and internal HP testing. For details, see hp.com/go/printpermanence.

[22] Less scheduled maintenance based on 150,000 pages printed, and published comparisons of majority of in-class color laser printers $300 - $600 USD and MFPs $400 - $800 USD (compared to the MFP 377dw), $300 - $800 USD and MFPs $400 - $1,000 USD (compared to the Pro 452/552/477/577 series), and $1,000 - $3,000 USD (compared to the MFP 586 series and the 556 series) as of November 2015; market share as reported by IDC as of Q3 2015. Learn more at hp.com/go/pagewideclaims.

[23] Fax is supported on the HP PageWide MFP 377dw, HP PageWide Pro MFP 477 and 577 series, and the HP PageWide Enterprise MFP 586f/z models only.

[24] Feature supported by 477/552/577 series only, and works with Microsoft Word and PowerPoint 2003 and later. Only Latin language fonts are supported.

[25] The HP PageWide Technology white paper is located at http://h20195.www2.hp.com/V2/GetDocument.aspx?docname=4AA4-3489ENW&cc=us&lc=en.

[26] Based on internal HP testing of Original HP pigment inks on ColorLok® papers.

[27] The HP JetAdvantage Solutions brief is located at http://www8.hp.com/h20195/v2/GetDocument.aspx?docname=4AA5-4773ENW.

[28] The HP Print Security Solutions overview is located at http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-1295ENW.pdf.

[29] The Security risks and HP JetAdvantage solutions video is located at http://h20621.www2.hp.com/video-gallery/us/en/products/D00D8A0C-D648-486E-9642-D720EDCF647F/r/video/.

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