Data sheet

HP PageWide Enterprise Color Flow MFP 785zs

The new printing paradigm

Modern business demands forward-thinking technology – it's why HP engineered the next generation of HP PageWide Enterprise to deliver a competitive edge from every angle: lowest colour cost,[1] maximum uptime and the industry's strongest security.[2]

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

A3/11x17 inch media   Color touchscreen   2-sided printing

HP PageWide technology color

The lowest cost for colour[1]

- Get the quality you expect with HP PageWide Technology that delivers the lowest cost per colour page.[1]
- Print more pages and replace cartridges less often with optional high-yield cartridges.[3]
- Print even faster – and save even more per page – by setting this printer to General Office mode.[4]
- Help keep energy costs down with the most efficient MFP in its class.[5]

Minimal interruptions. Maximum uptime.

- Minimise interruptions with an HP PageWide device designed for the least maintenance in its class.[6]
- Print speeds up to 50% faster than competitors – as fast as 75 ppm in colour and black-and-white.[7]
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft® Office 365 and SharePoint, plus email, USB, and network folders.[8]

The world's most secure printing[2]

- Each printer in your fleet checks its operating code and repairs itself from attacks.
- Your printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Memory activity is monitored to continually detect and stop attacks.
- Firmware is automatically checked during startup to determine if it's authentic code – digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages – every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimised.
- Load up to 200 pages into the automatic document feeder for fast, unattended scanning.

Product walkaround

HP PageWide Enterprise Color Flow MFP 785zs shown

1. 20.3 cm (8.0-inch) pivoting colour touchscreen
2. Hardware Integration Pocket
3. Easy-access USB printing port
4. 100-sheet multipurpose tray 1 supports media up to 305 x 457 mm (12 x 18 inches)
5. 550-sheet tray 2 supports media up to 297 x 432 mm (11.7 x 17 inches)
6. 3x550 sheet paper tray supports media up to 297 x 432 mm (11.7 x 17 inches)
7. 200-sheet ADF with single-pass, two-sided scanning
8. 297 x 432 mm (11.7 x 17 inches) flatbed scanner
9. Retractable keyboard
10. 350-sheet inner finisher with stapler
11. 500-sheet output bin
12. Front door access to cartridges
13. Automatic two-sided printing
14. Host USB port, Ethernet network port, Hi-speed USB 2.0 printing port

Accessories, Supplies and Support

Supplies	**T0B30A** HP 982X High Yield Black Original PageWide Cartridge (~20,000 pages)
	T0B27A HP 982X High Yield Cyan Original PageWide Cartridge (~16,000 pages)
	T0B28A HP 982X High Yield Magenta Original PageWide Cartridge (~16,000 pages)
	T0B29A HP 982X High Yield Yellow Original PageWide Cartridge (~16,000 pages)
Accessories	**9UW01A** HP PageWide 550 sheet Paper Tray/Stand
	9UW02A HP PageWide 3x550 sheet Paper Tray/Stand
	9UW03A HP PageWide 4K Sheet HC Paper Tray/Stand
	A7W99A HP PageWide 550-sheet Paper Tray
	P1V16A HP PageWide 550-sheet Paper Tray
	P1V17A HP PageWide 550-sheet Paper Tray and Cabinet
	P1V18A HP PageWide 3x550 sheet Paper Tray and Stand
	P1V19A HP PageWide 4000 sheet High-capacity Paper Tray and Stand
	W1B43A HP PageWide Printhead Wiper Kit
	W1B44A HP PageWide Service Fluid Container
	W1B45A HP PageWide Roller Kit
Service and Support	**U9RJ6E** HP 3 year Next Business Day Service with Defective Media Retention for PageWide Colour 78x **U9RJ7E** HP 4 year Next Business Day Service with Defective Media Retention for PageWide Colour 78x **U9RJ8E** HP 5 year Next Business Day Service with Defective Media Retention for PageWide Colour 78x **U9RK5PE** HP 1 year Post Warranty Next Business Day Service with Defective Media Retention for PageWide Colour 78x **U9RK6PE** HP 2 year Post Warranty Next Business Day Service with Defective Media Retention for PageWide Colour 78x

Technical specifications

Model	HP PageWide Enterprise Color Flow MFP 785zs
Product number	J7Z12A
Functions	Print, copy, scan, fax
Control panel	20.3 cm (8.0 in) Colour Graphics Display (CGD) with touchscreen; Rotating (adjustable angle) display; Illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket
Print	
Print technology	HP PageWide Technology
Print speed[1]	**Black (A4, normal)** Up to 55 ppm; **Colour (A4, normal)**: Up to 55 ppm; **Black (A4, duplex)**: Up to 38 ppm; **Colour (A4, duplex)**: Up to 38 ppm; **Black (General Office)**: Up to 75 ppm; **Colour (General Office)**: Up to 75 ppm;
First page out[2]	**Black (A4, ready)**: As fast as 7.0 sec; **Colour (A4, ready)**: As fast as 7.0 sec; **Black (A4, sleep)**: As fast as 17.5 sec; **Colour (A4, sleep)**: As fast as 17.5 sec;
Print resolution	**Black (best)**: Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); **Colour (best)**: Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers); **Technology**: HP PageWide Technology up to 1200 x 1200 optimised dpi from 600 x 600 input dpi;
Monthly duty cycle	Up to 125,000 pages A4; **Recommended monthly page volume**: 2,500 to 25,000
Printer smart software features	HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; Open Extensibility Platform; FutureSmart Firmware; HP ePrint; Apple AirPrint™; HP Auto-On/Auto-Off technology; HP Colour Access Control; HP EasyColour; Front-facing USB printing; Store print jobs; 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 dpi print modes; Optional: HP and third party extensibility solutions; Wireless
Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL; 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); Additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts
Print area	**Print margins** Top: 4.23 mm (Default), 2 mm (Edge-to-Edge mode), Bottom: 4.23 mm (Default), 2 mm (Edge-to-Edge mode), Left: 4.23 mm (Default), 2 mm (Edge-to-Edge mode), Right: 4.23 mm (Default), 2 mm (Edge-to-Edge mode);
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Multitasking supported	Yes
Memory card compatibility	144-pin DDR3 DIMM
Duplex printing	Automatic (standard)
Copy	
Copy speed	**Black (A4, ISO)**: Up to 55 cpm; **Colour (A4, ISO)**: Up to 55 cpm
Copier specifications	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage; **Maximum number of copies**: Up to 9999 copies; **Copy resolution**: Up to 600 x 600 dpi; **Reduce/Enlarge**: 25 to 400%;
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto colour detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build
Scan	
Scan speed	**Normal (A4)**: Up to 120 ppm (black and white); Up to 120 ppm (colour); **Duplex (A4)**: Up to 120 ppm (black and white); Up to 120 ppm (colour)
Scan file format	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)
Scanner specifications	**Scanner type** Flatbed, ADF; **Scan technology**: Charge Coupled Device (CCD) and Contact Image Sensor (CIS); **Scan input modes**: Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP) applications; **Twain version**: Version 2.1; **Duplex ADF scanning**: Yes, single-pass duplexing ADF; **Optical scan resolution**: Up to 600 ppi
Scanner advanced features	Optimise text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect colour; Edge erase; Job notification; Blank page suppression; HP Quick Sets; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR), Auto crop to page; Auto-tone
Recommended monthly scan volume	2,000 to 75,000
Scannable area	**Minimum media size (ADF)**: 68 x 148 mm **Maximum media size (ADF)**: 297 x 432 mm; Up to 297 x 864 mm when "long scan size" selected
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	Standard: Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF
Fax	
Fax[3]	Yes, colour, 33.6 kbps
Fax specifications	**Fax memory**: Up to 500 pages; **Fax resolution**: Standard: 204 x 98 dpi; Fine: 204 x 196 dpi; **Quick dialing**: Up to 1000 numbers (each with 210 destinations); **Telecom compliance**: EN 300 328 v2.1.1, EN 300 330-2 v1.6.1, EN 301 893 v2.0.7
Fax smart software features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
Processor speed	1.2 GHz
Connectivity	
Standard	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000TX network; 1 Wireless 802.11b/g/n; 1 Bluetooth Low Energy; 1 RJ-11 modem port/phone line

Model	HP PageWide Enterprise Color Flow MFP 785zs
Product number	J7Z12A
Optional	HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Jetdirect 2900nw Print Server J8031A
Wireless	Yes, built-in Wi-Fi 802.11b/g/n
Mobile printing capability	HP ePrint, Apple AirPrint™, Google Cloud Print
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print
Network capabilities	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard)
Hard disk	500 GB High-Performance Secure Hard Disk (AES 256 hardware encryption or greater; Secure erase capabilities: Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)
Memory	**Standard**: 5632 MB; **Maximum**: 5632 MB
Paper handling	
Number of paper trays	**Standard**: 5 trays; **Maximum**:
Media types	Plain paper, HP EcoFFICIENT, HP Premium Presentation Matte 120g, HP Brochure Matte 180g, HP Brochure Glossy, HP Advanced Photo Papers, Light 60-74g, Intermediate 85-95g, Mid-Weight 96-110g, Heavy 111-130g, Extra Heavy 131-175g, Cardstock 176-220g, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Coloured, Bond, Recycled, Rough
Media size	**Custom (metric)**: Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Trays 2-5: 210.1 x 148.1 to 304.8 x 457.2 mm; HCI Trays 3 & 4: A4 Only **Supported (metric)**: Tray 1: RA3, A3, 8K, B4 (JIS), SRA4, RA4, A4, A4-R, 16K, 16K-R, A5, A5-R, B5 (JIS), B5 (JIS)-R, B6 (JIS), A6; Trays 2-5: A3, 8K, B4 (JIS), SRA4, RA4, A4, A4-R, 16K, 16K-R, A5, A5-R, B5 (JIS), B5 (JIS)-R, B6 (JIS), A6; HCI Trays 3 & 4: A4 **ADF**: A3, Ledger, B4-JIS, Legal, 8.5 x 13, Letter, A4, B5-JIS, A5, B6-JIS, A6
Media handling	**Standard input**: 100-sheet multipurpose tray, 4,550-sheet input trays **Standard output**: 500-sheet output bin, 350-sheet stapler stacker **Optional input**: 1 x 550/tray (A3/A4), 1 x 550/stand (A3/A4), HCI (2 x 2,000 sheet A4) **ADF**: Standard, 200 sheets
Media weight	Tray 1: 60-220 g/m², 300 g/m² Photo Paper only; Trays 2-5: 60-220 g/m²; HCI trays 3 & 4: 60-220 g/m²
Input capacity	**Tray 3**: Up to 1,650 sheets in 3 x 550; Up to 2 x 2,000 sheets in HCI **Maximum**: Up to 4,650 sheets **ADF**: Standard, 200 sheets
Output capacity	**Standard**: Up to 850 sheets, 75 g/m² Cards: Up to 200 to standard output bin; Up to 125 to in-line finisher **Maximum**: Up to 850 sheets, 75 g/m²
Compatible operating systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS mac, OS X 10.12 Sierra, OS X 10.11 El Capitan, OS X 10.10 Yosemite, UNIX, Windows 10 all 32/64-bit editions (excluding RT OS for Tablets), Windows 7 all 32/64-bit editions, Windows 8/8.1 all 32/64-bit editions (excluding RT OS for Tablets), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Compatible network operating systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server 2003/2003 R2, Citrix on Windows Server 2008/2008 R2/2008 R2 SP1, Citrix on Windows Server 2012/2012 R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32/64-bit, Citrix XenApp 6.0/6.5 (for Windows Server 2008 R2 Terminal Services, 32/64-bit), Citrix XenApp 6.0/6.5/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit), Citrix XenApp 7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 32/64-bit), Citrix XenDesktop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32/64-bit), Citrix XenDesktop 7.0/7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Novell NetWare 6.5/SP8 Novell Clients http://www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers http://www.novell.com/iprint), Windows Server 2003/2003 R2 32/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Minimum system requirements	**Windows**: 2 GB available hard disk space; For OS hardware requirements see http://www.microsoft.com **Mac**: 1.3 GB available hard disk space; Internet; For OS hardware requirements see http://www.apple.com for more info
Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (directs users to http://www.123.hp.com or OS App Source for printer software), online user manuals
Security management	Identity Management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and third-party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug in, 802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List, HP Trusted Platform Module (TPM) comes standard; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, Hardware Integration Pocket for security solutions,18 Intrusion Detection with Red Balloon Security Technology (Constant in-device monitoring for attacks), HP Sure Start Secure Boot (BIOS integrity checking with self-healing capability), Whitelisting (loads only known good code (DLLs, EXEs, etc.); Security Management: Compatible with HP JetAdvantage Security Manager,21 Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; For more security settings go to http://h10032.www1.hp.com/ctg/Manual/c03602120
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
Dimensions and weight	
Printer dimensions (W x D x H)	**Minimum**: 604 x 652 x 1222 mm; **Maximum**: 1530 x 1027 x 1535 mm (with all doors and trays open, and document feeder lifted);
Package dimensions (W x D x H)	790 x 760 x 1571 mm
Printer weight	119.7 kg
Package weight	143.4 kg
Operating environment	**Temperature**: 15 to 30ºC **Humidity**: 30 to 70% RH

Model	HP PageWide Enterprise Color Flow MFP 785zs
Product number	J7Z12A
Storage conditions	**Temperature**: Before initial setup (Non-Purged): -40 to 60ºC; After initial setup (Purged): 0 to 60ºC. If stored below the lowest specified operating temperature, unit must slowly warm up to an approved operating temperature (HP recommends waiting 24 hours at approved operating temperature prior to using the printer). **Humidity**: 10 to 80% RH
Acoustics	**Acoustic power emissions**: 6.6 B(A) **Acoustic pressure emissions**: 51 dB(A) (printing at 56 ppm)
Power[4]	**Requirements**: Input voltage: 220 to 240 VAC, 50/60 Hz; **Consumption**: 660 watts (max. print/copy), 137 watts (print/copy), 43 watts (ready), 1.56 watts (sleep), 0.2 watts (auto-off), 0.2 watts (off); **Typical Electricity Consumption (TEC)**[5]: Blue Angel: 1.93 kWh/Week; Energy Star 3.0: 0.690 kWh/Week; **Power supply type**: Internal (Built-in) power supply;
Energy savings feature technology	HP Auto-on/Auto-off Technology
Certifications	EN 301 489-1 v2.1.1, EN 301 489-17 v3.1.1 ENERGY STAR® qualified; EPEAT® Silver
Sustainable impact specifications	EN 300 330-2 V1.6.1
Country of origin	Made in Netherlands
What's in the box	HP PageWide Enterprise Colour Flow MFP 785zs; HP Setup Ink Cartridges (yield after setup 6,000 pages CMY and 10,000 Black); Installation guide; Support flyer; Documentation on CD-ROM; Power cord
Warranty	1 Year Parts Only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Footnotes

[1] Lowest cost per colour page claim applies to devices that are not sold under contract: Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (€3,000–€7,499), and colour ink/laser single function printers (€1,500–€2,999) as of January/February 2017; market share as reported by IDC as of Q4 2016. Cost per page (CPP) reported by gap intelligence Pricing & Promotions Report January/February 2017, comparisons for devices/supplies not sold under contract are based on published specifications of the manufacturers' highest-capacity cartridges, inclusive of long life consumables and page yield. Average HP yield based on ISO/IEC 24711 and continuous printing in default mode. Actual yield varies based on content of printed pages and other factors. For more information, see http://www.hp.com/go/learnaboutsupplies and http://www.hp.com/go/PageWideClaims.

[2] Based on HP review of 2018 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims.

[3] High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with HP 982A series Original PageWide Cartridges. Learn more at http://www.hp.com/go/learnaboutsupplies.

[4] Comparison based on printing in Professional Mode.

[5] Energy claim based on TEC data reported on energystar.gov as of February 2018. Data normalised to determine energy efficiency of in-class colour laser printers and MFPs with print speeds between 20-80 ppm as of February 2018. Subject to device settings. Actual results may vary.

[6] Fewer service parts claim based on HP analysis of leading in-class A3 colour laser printers and MFPs as of February 2018; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% colour ratio). Learn more at http://www.hp.com/go/pagewideclaims.

[7] Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (€2,820–€10,199), and colour ink/laser single function printers (€1,410–€4,099) as of April 2018 excluding other HP PageWide products; competitive set based on market share data as reported by IDC as of Q4 2017, MSRP data provided by gap intelligence and/or Buyers Lab. HP PageWide speeds based on General Office mode and exclude first page. Learn more at http://www.hp.com/go/printerspeeds.

[8] Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hpconnected.com

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

Technical specifications disclaimers

[1] ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see http://www.hp.com/go/printerclaims.

[2] Exact speed varies depending on the system configuration, software application, driver and document complexity.

[3] Based on standard ITU-T test image at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17.

[4] 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 and Energy Star TEC values typically based on measurement of 115V device.

[5] Normalized TEC (watt hours per page) Blue Angel: 0.257 Wh/page, Energy Star: 0.269 Wh/page.