Data sheet

HP PageWide XL 6000 Printer series

High-powered, productive monochrome and color printing—with up to 30% savings in total production costs[1]

WIN
Beat monochrome and color printing deadlines

- Up to 24 D/A1 pages/minute print speed, quick 25-second first page out

- Deliver mixed monochrome and color sets in 50% of the time with a consolidated workflow[2]

- Streamline your workflow with HP SmartStream software—native PDF management and ultra-fast processing

- Free up operators—production preflight/finishing solutions, up to 4 rolls, dual 400-ml inks with auto-switch

EXPAND
Set the accurate, durable, color standard

- Set a new technical document standard with crisp lines, 2-point text, smooth grayscales, and vibrant color

- Help generate new business—reveal the value of color; print GIS maps, point-of-sale posters, and more

- HP PageWide XL pigment inks—ISO certified for long-term storage, light/water resistance[3]

- Print on HP and third-party media up to 40 in (101.6 cm)—covering ISO/US technical and offset standards[4]

SAVE
Up to 30%[1] with efficient running costs

- Print monochrome technical documents at the same or lower cost than comparable LED printers[5]

- Print/scan/copy in monochrome and color with one single device—in a fully HP branded, supported solution

- Gain broad control over your printing costs and turn them to your advantage with HP SmartTracker software

- See up to 5 times lower energy consumption than comparable LED printers[6]

For more information, please visit
hp.com/go/pagewidexl/6000series

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: hp.com/go/learnaboutsupplies

Note: HP PageWide XL printers are not designed to use continuous ink systems. HP PageWide XL printers are designed for ink cartridges to be used until they are empty. Refilling cartridges prior to depletion might cause the printer to fail, and voids the HP ink cartridge warranty.

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1. Production costs savings based on an HP PageWide XL 6000 Printer compared with a combination of a mid-volume monochrome LED printer and a mid-volume color production printer (both under $40,000 USD) as of April, 2017. Production costs consist of supplies and service costs, printer energy costs, and operator costs. For testing criteria, see hp.com/go/pagewidexlclaims.
2. Based on internal HP testing on the HP PageWide XL 6000 Printer compared to preparing and printing the job on two different printers (one comparable monochrome mid-volume LED printer for the monochrome pages and one color printer for the color pages). For testing criteria, see http://www.hp.com/go/pagewidexlclaims.
3. HP PageWide XL pigment inks are certified per the ISO 11798 Permanence and Durability standard, proving that prints made with HP PageWide XL printers using Original HP PageWide XL pigment inks withstand harsh exposure to light, water, abrasion, and handling, and long-term storage and heat, and remain legible in the future. For more information, see hp.com/go/printpermanence.
4. ISO/US technical and offset standards include American ANSI and Architectural page size standards, ISO A technical document standard, and ISO B offset page size standard.
5. Based on supplies and service costs. Monochrome technical document printing costs for comparable mid-volume LED printers based on printers for large-format printing of technical documents at speeds between 8 and 13 D/A1 per minute as of July, 2017 which represent more than 80% of the share of mid-volume LED printers in the US and Europe in 2017 according to IDC. Color technical document printing costs for comparable mid-volume color printers based on printers capable of printing 4 D/A1 pages per minute or more and under $50,000 USD for large-format printing of technical documents as of July, 2017 and representing more than 80% of the market in the US and Europe in 2017 according to IDC. For testing criteria, see hp.com/go/pagewidexlclaims.
6. Conclusions based on internal HP testing for a specific use scenario. Comparable printers using LED technology based on LED printers capable of printing 8 to 13 D/A1 pages per minute and which represent more than 80% of the share of mid-volume LED printers in the US and Europe according to IDC as of July, 2017. For testing criteria, see hp.com/go/pagewidexlclaims.

Technical specifications

General		
	Description	Large-format color MFP or printer
	Technology	HP PageWide Technology
	Applications	Line drawings, Maps, Orthophotos, Posters
	Ink types	Pigment-based (cyan, magenta, yellow, black)
	Ink cartridges	8 (2 x 400-ml per color) with auto-switch
	Printheads	8 x HP 841 PageWide XL Printheads
	Average printhead life	32 liters
	Printhead warranty	10 liters or 12 months from installation
	Print resolution	1200 x 1200 dpi
	Minimum line width	0.0008 in (0.02 mm) (HP-GL/2 addressable)
	Guaranteed minimum line width	0.0033 in (0.085 mm) (ISO/IEC 13660:2001(E))[7]
	Line accuracy	±0.1%[8]
Print speed	Maximum print speed[9]	55 ft/min (17 m/min)
	A1/Arch D/ANSI D (long edge first)	24 pages/min, 1328 pages/hr
	A0/Arch E/ANSI E (short edge first)	13 pages/min
	ISO B1 (long edge first)	21 pages/min
	Warm-up time	No warm up
	First page out	25 sec (from Ready mode)
Media	Media rolls	2 rolls default with auto-switching, expandable to 4 rolls
	Roll width	11 to 40 in (279 to 1016 mm)
	Roll length	Up to 650 ft (200 m)
	Roll diameter	Up to 7 in (177 mm)
	Roll core diameter	3 in (7.6 cm)
	Printable width	Up to 39.4 in (1000 mm)
	Printable length	Up to 650 ft (200 m) for CAD and 98 ft (30 m) for poster[10]
	Media weight	19 to 53 lb (70 to 200 g/m²)
	Media thickness	Up to 15.7 mil (0.4 mm)
	Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek®, matte film
	Media output (standard)	Basket
	Media output (optional)	High-capacity stacker, online folder, top stacker
High-capacity stacker[11]	Maximum page size	40 x 48 in (102 x 122 cm)[12]
	Capacity	Up to 500 pages
	Media weight	19 to 53 lb (70 to 200 g/m²)
	Dimensions	55.6 x 49.1 x 42.6 in (101 x 125 x 108 cm)
	Weight	308 lb (140 kg)
Scanner	Description	36-in (91-cm) CIS scanner
	Speed	Color: up to 3 in/sec (7.62 cm/sec) at 200 dpi
		Grayscale: up to 10 in/sec (25.4 cm/sec) at 200 dpi
	Optical resolution	1200 dpi
	Scan width	Up to 36 in (914 mm)
	Original thickness	Up to 0.01 in (0.26 mm)
	Maximum copy length	374.5 in (9512 mm)
	Maximum scan length	708.7 in (18 m) (TIFF, 24-in (610-mm) wide original at 200 dpi), 315 in (8 m) (JPEG), 196.9 in (5 m) (PDF)
	Scan format (standard)	JPEG, TIFF, PDF 1.7, multipage PDF 1.7, PDF/A 1.4
	Scan features	Preview with cropping, scan quicksets, batch scanning
	Scan destination	USB, network folder (SMB), scan to email, scan to HP SmartStream software
Embedded controller	Processor	Intel Core i5
	Memory	16 GB DDR3
	Hard drive	1 x 128 GB SSD; 1 x 500 GB HDD, self-encrypted with AES-256
	Print languages (standard)	HP-GL/2, PCL 3 Win, Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG
	Remote management	HP Partner Link, HP Embedded Web Server, HP Web Jetadmin
Connectivity	Interfaces	TCP/IP, BootP/DHCP, USB 2.0 host (certified)
	Printing paths	HP SmartStream software (optional)
		HP Universal Print Driver (HP-GL/2 and PS)
		HP PageWide XL print drivers (PDF, HP-GL/2, and PS)
User interface	User interface	8-inch capacitive touchscreen
Dimensions (w x d x h)	Printer	77.2 x 31.5 x 51.3 in (1960 x 800 x 1303 mm)
	MFP	76.8 x 33 x 51.3 in (1960 x 839 x 1303 mm)
	High-capacity Stacker	55.6 x 49.1 x 42.6 in (101 x 125 x 108 cm)
	Shipping	86.8 x 42.1 x 69.5 in (2180 x 1068 x 1764 mm)
Weight	Printer	915 lb (415 kg)
	MFP	948 lb (430 kg)
	High-capacity Stacker	308 lb (140 kg)
	Shipping printer	1149 lb (521 kg)
	Shipping MFP	1204 lb (546 kg)

Environmental		
	Operating temperature	41 to 104°F (5 to 40°C)
	Recommended temperature	59 to 95°F (15 to 35°C)
	Operating humidity	20 to 80% RH, depending on media type
Acoustic	Sound pressure	57 dB(A) (printing), 35 dB(A) (ready), <16 dB(A) (sleep)
	Sound power	7.3 B(A) (printing), 5.2 B(A) (ready), 3.4 B(A) (sleep)
Power	Consumption	0.55 kW (typical); 1.0 kW (max printing); 108.4 watts (ready); < 1 watts (< 4.6 watts with embedded Digital Front End) (sleep)
	Requirements	Input voltage (auto ranging) 200-240 V (± 10%), 50/60 ±3 Hz, 6.5 A
Certification	Safety	IEC 60950-1+A1+A2 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC)
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KC)
	Environmental	ENERGY STAR, EPEAT Silver, CE marking (including RoHS, WEEE, REACH); in compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine
Warranty	90 days	

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.
More at: hp.com/go/learnaboutsupplies

Ordering information

Product		
Product	2RQ10B	HP PageWide XL 6000 40-in Multifunction Printer with High-capacity Stacker and PostScript/PDF
	2RQ11B	HP PageWide XL 6000 40-in Printer with High-capacity Stacker and PostScript/PDF
Accessories	CZ318A	HP PageWide XL Drawer
	CZ319A	HP PageWide XL High-capacity Stacker
	CZ320A	HP PageWide XL Top Stacker
	G6H50B	HP SD Pro 44-in Scanner
	G6H51B	HP HD Pro 42-in Scanner
	K5H75A	HP PageWide XL Folder
	L3M58A	HP PageWide XL Folder with Tab Applicator
	M0V04A	HP PageWide XL Folder Upgrade Kit for Long Plots
	L3J68AAE	HP SmartStream Print Controller for HP PageWide XL 6000 Series
	L3J68A	HP SmartStream Print Controller USB for HP PageWide XL 6000 Series
	T9B46AAE	HP SmartStream Print Controller for non-HP Large Format printers[13]
	2NH46AAE	HP SmartStream Document Organizer Module
	2NH47AAE	HP SmartStream Pixel Analysis Module
	Z8J19AAE	HP SmartTracker for HP PageWide XL 6000 Series
	Z8J19A	HP SmartTracker USB for HP PageWide XL 6000 Series
Original HP PageWide XL printheads and consumables	C1Q19A	HP 841 PageWide XL Printhead
	F9J47A	HP 841 PageWide XL Cleaning Container
	F9J48A	HP 841 PageWide XL Maintenance Cartridge
Original HP PageWide XL ink cartridges	F9J82A	HP 848A 400-ml Black PageWide XL Ink Cartridge
	F9J83A	HP 848A 400-ml Cyan PageWide XL Ink Cartridge
	F9J84A	HP 848A 400-ml Magenta PageWide XL Ink Cartridge
	F9J85A	HP 848A 400-ml Yellow PageWide XL Ink Cartridge
Original HP large format printing materials	L4L08A	HP Universal Bond Paper, 3-in Core (FSC® certified)[14] [15] 36 in x 500 ft (914 mm x 152.4 m)
	L5P98A	HP Production Matte Poster Paper, 3-in Core (FSC® certified)[14] [15] 40 in x 300 ft (1016 mm x 91.4 m)
	L5Q03A	HP Production Satin Poster Paper, 3-in Core (FSC® certified)[14] [15] 40 in x 300 ft (1016 mm x 91.4 m)
	L5C80A	HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[14] [15] 36 in x 300 ft (914 mm x 91.4 m)
	L6B19A	HP Matte Polypropylene, 3-in Core 40 in x 150 ft (1016 mm x 45.7 m)

Enjoy best-in-class support services, knowing HP works with HP PageWide XL Channel Partners to enable them to be properly trained, certified, and equipped to meet your needs. With efficient support and innovative support features, such as printer self-monitoring, predefined resolution paths, and intuitive maintenance wizards, you can work with confidence every day. For more information, please visit hp.com/go/pagewidexlservice.

HP Financial Services can help you acquire an HP PageWide XL printing solution and accelerate the benefits to your business. Our solutions can help you increase your flexibility by preserving cash, freeing up budgets with a monthly payment structure, and offering an easy option to upgrade to the latest model when your business is ready. For more information, please visit hp.com/hpfinancialservices.

Find the media solution that fits your business and your HP PageWide XL printer at hp.com/go/mediasolutionslocator.

Eco Highlights

- Save paper with automatic print settings and image nesting
- ENERGY STAR® certified and EPEAT Silver registered[1]
- Free, convenient HP ink cartridge recycling[2]
- FSC®-certified papers,[3] range of recyclable HP media[4]

1. EPEAT registered where applicable and/or supported. See epeat.net for registration status and rating by country.
2. Program availability varies. Please check hp.com/recycle for details.
3. BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC® certified products are available in all regions. For information about HP large format printing materials, please visit HPLFMedia.com.
4. Can be recycled through commonly available recycling programs.

Please recycle large-format printing hardware and printing supplies.

Find out how at our website hp.com/ecosolutions

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7. Measured on HP Universal Bond Paper.
8. ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 73°F (23°C), 50–60% relative humidity, on A0/E printing material in Best or Normal mode with HP Matte Polypropylene and HP PageWide XL pigment inks.
9. Measured using 36-in (91-cm) print width
10. For longer plots (up to 656 ft), image quality might be affected.
11. The HP PageWide XL High-capacity Stacker may be an optional accessory.
12. Long plots with reduced capacity.
13. Printing to non-HP large format printers is done through specific drivers, each of them covering several printers: Océ Windows Printer Driver (WPD), KIP Windows Driver WHQL, RICOH PostScript Driver, Xerox WHQL Driver. For more information, please visit: hp.com/go/smartstream/trial.
14. BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit HPLFMedia.com.
15. Can be recycled through commonly available recycling programs.

This is an HP Indigo digital print.

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