Data sheet

HP PageWide XL 4000 Printer series

Do the work of two printers with one—faster and lower cost than LED[1]

FASTER
Monochrome and color, faster than LED[1]

- Move projects forward with up to 8 D/A1 pgs/min monochrome and color, quick 30-second first page out

- Print, scan, copy in a single device— integrated 1200 dpi scanner with advanced and convenient workflows

- Consolidate—a single, easy-to-use device for all your monochrome and color printing/scanning needs

- Focus on your project, not the printer— up to 4 rolls with 100-page integrated top stacker

SAVE
Better document quality vs LED, lower cost[1]

- Run at lower costs than low-volume LED[1]—in monochrome and color

- Accurately track your printing costs using HP SmartTracker

- Produce excellent technical documents—crisp lines, fine detail, smooth grayscales that beat LED[2]

- HP PageWide XL pigment ink for dark blacks, vivid colors, moisture/fade resistance—even on uncoated bond[3]

SECURE
Help keep data safe, meet IT standards

- Get a range of strict security features— self-encrypting HDD, Secure Disk Erase, IPSec, and PIN printing

- Reduce time and costs of managing individual drivers by using HP DesignJet Universal Print Driver

- Control your printer fleet with HP Web Jetadmin, monitor your device remotely with the HP Embedded Web Server

- Streamline your print workflow with HP SmartStream software, print easily with HP Click submission tool[4]

For more information, please visit
hp.com/go/pagewidexl4000

reddot award 2016
best of the best

iF GOLD AWARD 2016

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.

[1] Fastest based on alternative low-volume LED printers and MFPs (under 7 D/A1 pages/minute) as of April, 2015. Operational costs based on low-volume LED technology under $20,000 USD in the market as of April, 2015. Operational costs consist of supplies and service costs. For testing criteria, see hp.com/go/pagewidexlclaims.

[2] For output produced with HP PageWide XL printers and LED printers from different manufacturers and that represent greater than 50% of the annual shipments of LED printers in North America as of 2014 according to IDC. For testing criteria, see hp.com/go/pagewidexlclaims.

[3] Compared to prints produced with HP 970/971/980 inks that are fade and moisture resistant per ISO 11798 Permanence and Durability Methods certification. For testing criteria, see hp.com/go/pagewidexlclaims.

[4] Once image is selected, one-click printing when printing the entire file without any modifications to the print settings. Applicable to PDF, JPEG, TIFF, and HP-GL/files. HP PageWide XL PostScript/PDF Upgrade Kit required for HP PageWide XL 4000/4500 Printers.

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	4 (1 x 400-ml per color)
	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))[11]
	Line accuracy	±0.1%[5]
Print speed	Maximum print speed	19.68 ft/min (6 m/min)[12]
	A1/Arch D/ANSI D (long edge first)	8 pages/min
	Warm-up time	No warm up
	First page out	30 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[13]
	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® papers, matte film
	Media output (standard)	Top stacker
Scanner[14]	Description	36-in (91-cm) CIS scanner
	Speed	Color: up to 3 in/sec (7.62 cm/sec) Grayscale: up to 10 in/sec (25.4 cm/sec)
	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 Optional: PDF 1.7, multipage PDF 1.7, PDF/A 1.4 (with PS/PDF upgrade)
	Scan features	Preview with cropping, scan quicksets, batch scanning
	Scan destination	USB, network folder (SMB), scan to email and to HP SmartStream software
Embedded controller	Processor	Intel Core i3
	Memory	8 GB DDR3
	Hard drive	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 (with PS/PDF upgrade)[15]
	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 Click printing software[4] HP Universal Print Driver (HP-GL/2 and PS) HP PageWide XL print drivers (PDF, HP-GL/2, and PS)
User interface		8-inch (203-mm) 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	77.2 x 34 x 51.3 in (1960 x 864 x 1303 mm) Depth: 31.5 + 2.5 in (800 + 64 mm) removable scanner input tray to pass through doorways
	Shipping	86.8 x 42.1 x 69.5 in (2180 x 1068 x 1764 mm)

Weight printer		
	Printer	915 lb (415 kg)
	Shipping	1149 lb (521 kg)
Weight MFP	MFP	948 lb (430 kg)
	Shipping	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	≤53 dB(A) (printing), ≤36 dB(A) (ready), ≤24 dB(A) (sleep)
	Sound power	≤6.8 B(A) (printing), ≤5.2 B(A) (ready), ≤4.2 B(A) (sleep)
Power	Requirements	Input voltage (auto ranging) 100-127 / 200-240 V (±10%), 50/60 Hz (± 3 Hz), 7/3.5 A
	Consumption	0.4 kW (typical); 0.7 kW (max printing); 108.4 watts (ready); < 1 watts (< 4.6 watts with embedded Digital Front End) (sleep)
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	M0C02A, M0V01A	90 days
	M0V02H	3 years

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. artridges 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		
	M0V02A	HP PageWide XL 4000 40-in Multifunction Printer with PostScript/PDF
	M0V01A	HP PageWide XL 4000 40-in Printer
	M0V02H	HP PageWide XL 4000 40-in Multifunction Printer 3-year warranty with PostScript/PDF
Accessories	G6H50B	HP SD Pro 44-in Scanner
	G6H51B	HP HD Pro 42-in Scanner
	CZ317A	HP PageWide XL PostScript/PDF Upgrade Kit[16]
	CZ318A	HP PageWide XL Drawer
	L3J69AAE	HP SmartStream Preflight Manager
	L3J69A	HP SmartStream Preflight Manager USB
	L3J71AAE	HP SmartStream Preflight Manager One-Year Subscription
	L3J76AAE	HP SmartStream Print Controller for HP PageWide XL 4000/4500 Printer series
	T9B46AAE	HP SmartStream Print Controller for non-HP Large Format printers[17]
	L3J76A	HP SmartStream Print Controller USB for HP PageWide XL 4000/4500 Printer Series
	2NH46AAE	HP SmartStream Document Organizer Module
	2NH47AAE	HP SmartStream Pixel Analysis Module
	Z8J18AAE	HP SmartTracker for HP PageWide XL 4000/4500 Printer
	Z8J18A	HP SmartTracker USB for HP PageWide XL 4000/4500 Series
	2UE10A	HP Click for HP PageWide XL 4000/4500 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	C1Q57A	HP 843A 400-ml Black PageWide XL Ink Cartridge
	C1Q58A	HP 843A 400-ml Cyan PageWide XL Ink Cartridge
	C1Q59A	HP 843A 400-ml Magenta PageWide XL Ink Cartridge
	C1Q60A	HP 843A 400-ml Yellow PageWide XL Ink Cartridge
Original HP large format printing materials	L4L08A	HP Universal Bond Paper, 3-in Core (FSC® certified)[18] [19] 36 in x 500 ft (914 mm x 152.4 m)
	L5P98A	HP Production Matte Poster Paper, 3-in Core (FSC® certified)[18] [19] 40 in x 300 ft (1016 mm x 91.4 m)
	L5Q03A	HP Production Satin Poster Paper, 3-in Core (FSC® certified)[18] [19] 40 in x 300 ft (1016 mm x 91.4 m)
	L5C80A	HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[18] [19] 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 the Programs and Promotions section at 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[9]
- Free, convenient HP ink cartridge recycling[20]
- FSC®-certified papers,[18] range of recyclable HP media[19]

Please recycle large-format printing hardware and printing supplies.

Find out how at our website hp.com/ecosolutions

---

[5] ±0.1% of the specifed 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 ink.

[6] Special ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements. Special ventilation equipment installation is at the discretion of the customer. The need for special ventilation is not anticipated. In case of doubt, customers should consult state and local requirements and regulations.

[7] Conclusions based on internal HP testing for a specific use scenario. Comparable printers using LED technology based on LED printers capable of printing 4 to 6 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 April, 2015. For testing criteria, see hp.com/go/pagewidexlclaims.

[8] Based on third-party testing conducted in 2014 and 2015, no ozone was detected.

[9] EPEAT registered where applicable and/or supported. See epeat.net for registration status and rating by country.

[10] Data is consolidated across all your HP PageWide XL printers and multifunction printers, with the exception of HP PageWide XL blueprinters, as of March, 2017.

[11] Measured on HP Universal Bond Paper.

[12] Measured using 36-in (91-cm) print width.

[13] For longer plots (up to 656 ft (200 m)), image quality might be affected.

[14] Scanning functionality available with the HP PageWide XL 4000 Multifunction Printer only.

[15] Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG (with PS/PDF upgrade) are optional print languages for the HP PageWide XL 4000 Printer.

[16] HP PageWide XL PostScript/PDF Upgrade Kit is standard for the HP PageWide XL 4000 Multifunction Printer.

[17] 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.

[18] 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.

[19] Can be recycled through commonly available recycling programs.

[20] Program availability varies. Please check hp.com/recycle for details.