

HP PageWide XL 5000 Multifunction Printer



Powerful, efficient monochrome and color production



LEAD

Fast delivery times in monochrome and color

- Up to 14 D/A1 pages/minute print speed, quick 20-second first page out¹
- Deliver mixed monochrome and color sets in 50% of the time with a consolidated workflow
- Start printing in 50% of the time—an ultra-fast processor, native PDF management, HP SmartStream software
- Free up the operator—production stacker/online folder² up to 4 rolls, dual ink supplies with auto-switch

GROW

Fast color, excellent document quality

- Generate new business growth—print GIS map, point-of-sale (POS) poster applications at breakthrough speeds
- Set a new technical document standard with crisp lines, fine detail, and smooth grayscales that beat LED³
- HP PageWide XL pigment ink for dark blacks, vivid colors, moisture/fade resistance—even on uncoated bond⁴
- Print on a wide range of media up to 40 inches/101.6 cm—covering ISO/US technical and offset standards⁶

OPTIMIZE

Workflow, cost, and space efficiency

- Monochrome and color costs competitive with comparable LED printers⁵ driven by high ink efficiency
- Do it all with one space-saving device for both monochrome and color, or opt for the MFP to print/scan/copy
- Rely on proven HP PageWide Technology for dependable production printing⁸
- Help reduce downtime—innovative cloud-based support—self-monitoring, proactive alerts, automatic maintenance

Scan QR code and watch
XL 5000 demo Video :



¹ Conclusion based on internal HP testing measuring the operator time required to complete a 120-page job with 50% of the pages in monochrome and 50% of the pages in color on the HP PageWide XL 5000 Printer compared to preparing and printing the job on two different printers (one comparable monochrome mid-volume LED printer, with print speed between 8 and 14 D/A1 pages per minute, for the monochrome pages and one color printer for the color pages). Operator time savings using the HP PageWide XL 5000 Printer based on eliminating the need to manually extract monochrome and color pages and prepare them for different printers and eliminating the need to manually collate the output pages in the correct order. Furthermore, using optional HP SmartStream software can generate additional time savings in job preparation and processing.

² Using HP SmartStream software, job preparation and processing can be completed in 50% of the time. Conclusion based on an HP internal test measuring the time required to extract pages from a 50-page document and print them using several printers compared with using equivalent software programs.

³ The production stacker and online folder are optional accessories.

⁴ Based on HP internal testing with internal users and external customers, evaluating overall print quality and specific print attributes (gray neutrality, fill area uniformity, line quality, and text quality) 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.

⁵ Based on HP internal testing. Evaluation of prints produced with HP PageWide XL printers and HP PageWide XL pigment ink shows equivalent or better results compared to prints produced with HP 970/971/980 inks that are fade and moisture resistant per ISO 11798 Permanence and Durability Methods certification.

⁶ 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.

⁷ Operational costs are comparable to or lower than mid-volume LED printers under \$35,000 USD in the market as of March, 2015. Low operational costs in both monochrome and color driven by long-life printheads and high ink efficiency, as well as low maintenance requirements.

⁸ Proven HP PageWide Technology powers HP Inkjet Web Presses—currently producing 4 billion impressions monthly—and HP X series business printers.

PT. Artha Intilestari

Head Office
Jl. Prof. Dr. Latumenten No. 10 Jakarta 11460
Telp : +62 21 5631 149/50
Fax : +62 21 5631 151

Branch Office
Jl. Dukuh Kupang Timur x / 69 C
Surabaya 60225
Telp : +62 31 5681 309

Branch Office
Gedung Dapensos Lt 4
Jl. PHH Mustofa (Suci) No.35 - Bandung
Telp : +62 22 7213 482

Branch Office
Ruko Bayaman Permai A -14
Jl. Wates KM. 3.5 Yogyakarta 556182
Telp : +62 274 560 753

Technical specifications

General	Description	Large-format color printer	
	Technology	HP PageWide Technology	
	Applications	Line drawings, Maps, Orthophotos, Posters	
	Ink types	Pigment-based (cyan, magenta, yellow, black)	
	Ink cartridges	8 (2x 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	
	Print resolution	1200 x 1200 dpi	
	Minimum line width	0.02 mm (0.0008 in) (HP-GL/2 addressable)	
	Guaranteed minimum line width	0.085 mm (0.0033 in) (ISO/IEC 13660:2001(E)) ⁹	
	Line accuracy	+/- 0.1% ¹⁰	
	Print speed	Maximum print speed	8.5 meters/min ¹¹
		Warm-up time	3 min
First page out		20 sec (from Ready mode)	
Media	Media rolls	2 rolls default with auto-switching, expandable to 4 rolls	
	Roll width	279 to 1016 mm (11 to 40 in)	
	Roll length	Up to 200 m (650 ft)	
	Roll diameter	177 mm (7 in)	
	Printable width	Up to 1000 mm (39.4 in)	
	Printable length	Up to 90mt for CAD and 30mt for poster ¹²	
	Media weight	70 to 200 g/m ²	
	Media Thickness	Up to 0,4 mm	
	Media types	Bond and recycled papers, coated papers, poster papers, polypropylene	
	Media output (standard)	Basket	
	Media output (optional)	High-capacity stacker, online folder, top-delivery stacker	
	High-capacity stacker	Maximum page size	102 x 122 cm (40 x 48 in) ¹³
		Capacity	Up to 500 pages
Media weight		70 to 200 g/m ²	
Dimensions		101 x 125 x 108 cm (55.6 x 49.1 x 42.6 in)	
Weight		140 kg (308 lb)	
Online folder	Page width	28 to 91.4 cm (11 to 36 in)	
	Page length	2.5 m (cross fold), 6 m (fan fold), unlimited (fan fold, optional)	
	Maximum media weight	200 g/m ² (stack on bridge)	
	Media weight for folding	75 to 90 g/m ²	
	Media weight for stacking	75 to 120 g/m ²	
	Capacity	Up to 150 (A0)	
	Dimensions	1626 x 1245 x 2146 mm (64 x 49 x 84.5 in)	
	Weight	310 kg (350 kg with Tab applicator)	
	Folder with Tab applicator	Available	
	Scanner	Description	36-in CIS scanner
Speed		Color: up to 6,35 cm/sec (2,5 in/sec) Grayscale: up to 19,05 cm/sec (7.5 in/sec)	
Optical resolution		1200 dpi	
Scan width		Up to 914 mm (36 in)	
Original thickness		Up to 2 mm (0.08 in)	
Scan format		Standard: JPEG, TIFF Optional: PDF 1.7, multi-page PDF 1.7 (with PS/PDF upgrade)	
Scan features		Preview with cropping, scan quicksets, batch scanning	
Scan destination		USB, network folder (SMB), scan to e-mail	
Embedded controller		Processor	Intel Core i3
		Memory	8 GB DDR
	Hard drive	1x 500 GB HDD, self-encrypted with AES-256	
	Print languages (standard)	HP-GL/2, PCL 3 Win	
	Print languages (optional)	Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG (with PS/PDF upgrade)	
	Remote management	HP PartnerLink, HP Embedded Web Server, HP WebJetAdmin	
Connectivity	Interfaces	TCP/IP, BootP/DHCP, USB 2.0 host (certified)	
	Printing paths	HP SmartStream (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	

For more information, please visit hp.com/go/pagewidexl/5000series



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Dimensions	Printer	1960 x 800 x 1303 mm (77.2 x 31.5 x 51.3 in)
Weight	Printer	430 kg (948 lb)
Environmental	Operating temperature	5 to 40°C (41 to 104°F)
	Recommended temperature	15 to 35°C (59 to 95°F)
	Operating humidity	20 to 80% RH, depending on media type
Power	Requirements	Input voltage (auto ranging) 200 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)
	Consumption	2.0 kW (printing)
Warranty		90 days
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 Bronze, CE marking (including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine.

Ordering information

Product	CZ314A	HP PageWide XL 5000 Multifunction Printer
Accessories	G6H50A	HP DesignJet SD Pro Scanner
	G6H51A	HP DesignJet HD Pro Scanner
	CZ317A	HP PageWide XL PostScript/PDF Upgrade Kit
	K5H75A	HP PageWide XL Folder
	L3M58A	HP PageWide XL Folder with Tab Applicator
	CZ318A	HP PageWide XL Media Drawer
	CZ319A	HP PageWide XL High-capacity Stacker
	CZ320A	HP PageWide XL Integrated Stacker
	MOV04A	HP PageWide XL Long Plots Folding Upgrade Kit
	L3J69AAE	HP SmartStream Preflight Manager
L3J74AAE	HP SmartStream Print Controller for HP PageWide XL 5000	
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 ink cartridges	C1Q61A
C1Q62A		HP 843B 400-ml Cyan PageWide XL Ink Cartridge
C1Q63A		HP 843B 400-ml Magenta PageWide XL Ink Cartridge
C1Q64A		HP 843B 400-ml Yellow PageWide XL Ink Cartridge
Original HP large format printing materials	L4L08A	HP Universal Bond Paper, 3-in Core (FSC® Certified) ¹⁴ ♻️
	L5P98A	HP Production Matte Poster Paper, 3-in Core 1016 mm x 91.4 m (40 in x 300 ft)
	L5Q03A	HP Production Satin Poster Paper, 3-in Core 1016 mm x 91.4 m (40 in x 300 ft)
	L5C80A	HP Universal Heavyweight Coated Paper, 3-in Core (FSC® Certified) ¹⁴ ♻️
	L6B19A	HP Production Matte Polypropylene, 3-in Core 914 mm x 61 m (36 in x 200 ft)

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.

Use Original HP PageWide XL pigment ink and HP 841 PageWide XL Printheads to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide dark blacks and vivid colors—even on uncoated bond—in moisture- and fade-resistant prints.⁵ For more information, visit hp.com/go/pagewidexlinks.

HP PageWide printing materials are designed to perform with breakthrough HP PageWide Technology—the technological advances require special ink formulations and strictly controlled interactions between HP PageWide XL pigment ink and HP printing materials to achieve high-quality printing in a single pass. For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

⁹ Measured on HP Bond paper

¹⁰ +/-0.1% of the specified vector length or +/-0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Polypropylene and HP Original HP inks.

¹¹ Measured using 91 cm (36-in) print width.

¹² For longer plots (up to 200mts), image quality might be affected

¹³ Long plots with reduced capacity

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.