



# HP PageWide XL 5000 Printer series

Powerful, efficient monochrome and color production with up to 30% savings in total production costs<sup>1</sup>



## LEAD

### Fast delivery times in monochrome and color

- Up to 14 D/A1 pages/minute print speed, quick 30-second first page out
- Deliver mixed monochrome and color sets in 50% of the time with a consolidated workflow<sup>2</sup>
- Start printing in 50% of the time<sup>3</sup>—an ultra-fast processor, native PDF management, HP SmartStream software
- Free up the operator—production stacker/online folder,<sup>4</sup> 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 LED<sup>5</sup>
- HP PageWide XL pigment ink for dark blacks, vivid colors, moisture/fade resistance—even on uncoated bond<sup>6</sup>
- Print on a wide range of media up to 40 inches/101.6 cm—covering ISO/US technical and offset standards<sup>7</sup>

For more information, please visit [hp.com/go/pagewidexl/5000series](http://hp.com/go/pagewidexl/5000series)



## SAVE

### Cut total production costs up to 30%<sup>1</sup>

- Print monochrome and color technical documents at the same or lower cost than comparable LED printers<sup>8</sup>
- Do it all with one space-saving device for both monochrome and color, or opt for the MFP to print/scan/copy
- Cut job preparation and finishing costs up to 50%<sup>2</sup>
- See up to 5 times lower energy consumption than comparable LED printers<sup>9</sup>

## Eco Highlights

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



<sup>1</sup> EPEAT registered where applicable and/or supported. See [epeat.net](http://epeat.net) for registration status and rating by country.

<sup>2</sup> Program availability varies. Please check [hp.com/recycle](http://hp.com/recycle) for details.

<sup>3</sup> BMG trademark license code FSC®-C115319, see [fsc.org](http://fsc.org). HP trademark license code FSC®-C017543, see [fsc.org](http://fsc.org). Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit [HPLFMedia.com](http://HPLFMedia.com).

<sup>4</sup> 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](http://hp.com/ecosolutions)

# Technical specifications

<b>General</b>	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 (2x 400-ml per color) with auto-switch	
	Printheads	8x 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	0.02 mm (0.0008 in) (HP-GL/2 addressable)	
	Guaranteed minimum line width	0.085 mm (0.0033 in) (ISO/IEC 13660:2001(E)) <sup>11</sup>	
	Line accuracy	+/- 0.1% <sup>12</sup>	
	Maximum print speed	9 m/min (27.8 ft/min)	
	A1/Arch D/ANSI D (long edge first)	14 pages/min, 600 pages/h	
	A0/Arch E/ANSI E (short edge first)	7 pages/min, 300 pages/h	
ISO B1 (long edge first)	10 pages/min, 500 pages/h		
Warm-up time	No warm up		
First page out	30 sec (from Ready mode)		
<b>Media</b>	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	Up to 177 mm (7 in)	
	Roll core diameter	7.6 cm (3 in)	
	Printable width	Up to 1000 mm (39.4 in)	
	Printable length <sup>13</sup>	Up to 90 m (295 ft) for CAD and 30 m (98 ft) for poster	
	Media weight	70 to 200 g/m <sup>2</sup> (19 to 53 lb)	
	Media thickness	Up to 0.4 mm (15.7 mil)	
	Media types	Bond and recycled papers, poster papers, polypropylene, tyvek	
	Media output (standard)	Basket	
	Media output (optional)	High-capacity stacker, <sup>4</sup> online folder, <sup>4</sup> top stacker <sup>14</sup>	
	Maximum page size	102 x 122 cm (40 x 48 in) <sup>15</sup>	
	Capacity	Up to 500 pages	
	Media weight	70 to 200 g/m <sup>2</sup> (19 to 53 lb)	
Dimensions	101 x 125 x 108 cm (55.6 x 49.1 x 42.6 in)		
Weight	140 kg (308 lb)		
<b>Online folder<sup>4</sup></b>	Page width	28 to 91.4 cm (11 to 36 in)	
	Page length	Cross fold: 2.5 m (8.2 ft) Fan fold: 6 m (19.7 ft) (standard), unlimited (optional with HP PageWide XL Folder Upgrade Kit for Long Plots <sup>16</sup> )	
	Media weight for folding	75 to 90 g/m <sup>2</sup> (20 to 24 lb)	
	Media weight for stacking	75 to 200 g/m <sup>2</sup> (20 to 53 lb)	
	Capacity	Up to 150 (A0)	
	Dimensions	1626 x 1245 x 1842 mm (64 x 49 x 72.5 in) (1626 x 1245 x 2150 mm with Tab applicator (64 x 49 x 84.6 in))	
	Weight	310 kg (683 lb), (350 kg (772 lb) with Tab applicator)	
	Tab applicator	Available with HP PageWide XL Folder with Tab applicator only	
	<b>Scanner</b>	Description	36-in (91-cm) CIS scanner
		Speed	Color: up to 7.62 cm/sec (3 in/sec) at 200 dpi Grayscale: up to 25.4 cm/sec (10 in/sec) at 200 dpi
		Optical resolution	1200 dpi
		Scan width	Up to 914 mm (36 in)
		Original thickness	Up to 0.26 mm (0.01 in)
		Maximum copy length	9512 mm (374.48 in)
		Maximum scan length	18000 mm (708.66 in) (TIFF, 24-in wide original at 200 dpi), 8000 mm (314.96 in) (JPEG), 5000 mm (196.85 in) (PDF)
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 email, scan to HP SmartStream software	
<b>Embedded controller</b>		Processor	Intel Core i3
		Memory	8 GB DDR3
		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)
<b>Connectivity</b>	Remote management	HP Partner Link, HP Embedded Web Server, HP Web Jetadmin	
	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)	

<sup>1</sup> Production costs savings based on an HP PageWide XL 5000 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, 2015. Production costs consist of supplies and service costs, printer energy costs, and operator costs. For testing criteria, see [hp.com/go/pagewidexclaims](http://hp.com/go/pagewidexclaims).

<sup>2</sup> Based on internal HP testing 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 for the monochrome pages and one color printer for the color pages). For testing criteria, see [hp.com/go/pagewidexclaims](http://hp.com/go/pagewidexclaims).

<sup>3</sup> Using HP SmartStream software compared with using equivalent software programs. For testing criteria, see [hp.com/go/pagewidexclaims](http://hp.com/go/pagewidexclaims).

<sup>4</sup> The HP PageWide XL High-capacity Stacker, available as of November 2016, and the HP PageWide XL Folder are optional accessories.

<sup>5</sup> 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/pagewidexclaims](http://hp.com/go/pagewidexclaims).

<sup>6</sup> 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/pagewidexclaims](http://hp.com/go/pagewidexclaims).

<sup>7</sup> 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.

<sup>8</sup> 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 April, 2015 which represent more than 80% of the share of mid-volume LED printers in the US and Europe in 2014 according to IDC. Color technical document printing costs for comparable mid-volume color printers based

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<b>User interface</b>	User interface	8-inch capacitive touchscreen
	<b>Dimensions</b>	Printer 1960 x 800 x 1303 mm (77.2 x 31.5 x 51.3 in) Shipping 2180 x 1068 x 1764 mm (86.8 x 42.1 x 69.5 in)
<b>Weight</b>	Printer	430 kg (948 lb)
	Shipping	521 kg (1148 lb)
<b>Environmental</b>	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
<b>Acoustic</b>	Sound pressure	53 dB(A) (printing), 35 dB(A) (ready), <24 dB(A) (sleep)
	Sound power	7.1 B(A) (printing), 5.2 B(A) (ready), 4.2 B(A) (sleep)
<b>Power</b>	Consumption	0.46 kW (typical); 0.8 kW (max printing); 108.4 watts (ready); < 1 watts (< 4.6 watts with embedded Digital Front End) (sleep)
	Requirements	Input voltage (auto ranging) 100-127/200-240 ± 10% VAC, 50/60 ± 3 Hz, 10/5 A
<b>Certification</b>	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

## Ordering information

<b>Product</b>	CZ310A	HP PageWide XL 5000 40-in Printer	
	CZ311A	HP PageWide XL 5000 40-in Multifunction Printer	
<b>Accessories</b>	CZ317A	HP PageWide XL PostScript/PDF Upgrade Kit	
	CZ318A	HP PageWide XL Drawer	
	CZ319A	HP PageWide XL High-capacity Stacker <sup>4</sup>	
	CZ320A	HP PageWide XL Top Stacker <sup>14</sup>	
	G6H50A	HP DesignJet SD Pro Scanner	
	G6H51A	HP DesignJet HD Pro Scanner	
	K5H75A	HP PageWide XL Folder	
	L3J69AAE	HP SmartStream Preflight Manager	
	L3J71AAE	HP SmartStream Preflight Manager One-Year Subscription	
	L3J74AAE	HP SmartStream Print Controller for HP PageWide XL 5000 Printer series	
	L3M58A	HP PageWide XL Folder with Tab Applicator	
	M0V04A	HP PageWide XL Folder Upgrade Kit for Long Plots <sup>16</sup>	
	<b>Original HP PageWide XL printheads and consumables</b>	C1Q19A	HP 841 PageWide XL Printhead
		F9J47A	HP 841 PageWide XL Cleaning Container
		F9J48A	HP 841 PageWide XL Maintenance Cartridge
<b>Original HP PageWide XL ink cartridges</b>	C1Q65A	HP 843C 400-ml Black PageWide XL Ink Cartridge	
	C1Q66A	HP 843C 400-ml Cyan PageWide XL Ink Cartridge	
	C1Q67A	HP 843C 400-ml Magenta PageWide XL Ink Cartridge	
	C1Q68A	HP 843C 400-ml Yellow PageWide XL Ink Cartridge	
<b>Original HP large format printing materials</b>	L4L08A	HP Universal Bond Paper, 3-in Core (FSC® certified) <sup>17</sup> 	
	L5P98A	HP Production Matte Poster Paper, 3-in Core (FSC® certified) <sup>17</sup> 	
	L5Q03A	HP Production Satin Poster Paper, 3-in Core (FSC® certified) <sup>17</sup> 	
	L5C80A	HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified) <sup>17</sup> 	
	L6B19A	HP Matte Polypropylene, 3-in Core	
		1016 mm x 45.7 m (40 in x 150 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/pagewidexservice](http://hp.com/go/pagewidexservice).

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](http://hp.com/hpfinancialservices)

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 April, 2015 and representing more than 80% of the market in the US and Europe in 2014 according to IDC. For testing criteria, see [hp.com/go/pagewidexclaims](http://hp.com/go/pagewidexclaims).

<sup>9</sup> 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 April, 2015. For testing criteria, see [hp.com/go/pagewidexclaims](http://hp.com/go/pagewidexclaims).

<sup>10</sup> Adobe PDF Print Engine 3 is the next-generation rendering platform, optimized for end-to-end PDF workflows. Adobe PDF Print Engine 3 combines performance optimizations with a new scalability framework to power high-speed digital presses, large-format printers, and CTP platemakers. Adobe PDF Print Engine 3 is the fastest rendering platform for reliable reproduction of complex, graphically rich content. To learn more, visit [adobe.com/products/pdf/printengine](http://adobe.com/products/pdf/printengine).

<sup>11</sup> Measured on HP Universal Bond Paper.

<sup>12</sup> +/-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 Matte Polypropylene and Original HP inks.

<sup>13</sup> For longer plots (up to 656 ft), image quality might be affected.

<sup>14</sup> Available as of January 2016.

<sup>15</sup> Long plots with reduced capacity.

<sup>16</sup> Available as of November 2015.

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