Datasheet

HP PageWide XL Pro 10000 40-in Printer

High-speed, cost-effective production printing of short-term posters on rolls, sheets, and boards

Maximum job turnaround time at breakthrough speed

- Respond immediately—help boost productivity with fast printing up to 1100 ft² or 1,000 B1 posters per hour.[1]
- Consolidate the capacity of your fleet into a single device that can efficiently print different sizes.
- Output is ready for finishing or delivery right away, with instant-dry prints on compatible substrates.

Highly cost-effective print production

- An affordable investment for retail poster production.
- Save your operator's time with the easy-to-maintain system and user-replaceable printheads.
- Get set up in less than 5 hours[2]—there are no special electrical/ventilation needs for this compact device.
- Keep fleet control on-site with the status beacon, remotely with HP PrintOS view into production and costs.[3]

Short-term posters on rolls, sheets, and boards

- End-to-end cut-sheet workflow with first HP large-format auto sheet feeder, versatile stacker.
- Fast large-format two-sided cut-sheet workflow with simple application instructions.
- Use a variety of sizes of paper, cardstock, and boards—from A2 up to B1, and thickness up to 3/8 in (10 mm).
- Use responsibly sourced FSC®-certified papers, make recyclable prints, enjoy water-based HP pigment inks.[4]

For more information, please visit http://www.hp.com/go/pagewidexlpro10000

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

[1] The HP PageWide XL Pro 10000 Printer delivers up to 1100 ft² or 1,000 B1 posters per hour. Number of pages will vary depending on the print mode and application printed.
[2] Conclusion based on internal HP testing, October 2020, measuring the time required to set up the printer. Time measured after unpacking the printer to connectivity check.
[3] Requires an HP PrintOS account, Internet connection, and connected Internet-capable device. For more information, see http://www.printos.com.
[4] BMG trademark license code FSC®-C115319, see http://www.fsc.org. HP trademark license code FSC®-C017543, see http://www.fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit http://www.HPLFMedia.com. Most HP large format paper-based printing materials can be recycled through commonly available recycling programs, or according to region-specific practices. Some HP media are eligible for return through the free, convenient HP Large Format Media take-back program. Programs may not exist in your area. See http://www.HPLFMedia.com/hp/ecosolutions for details.

Technical specifications

General	
Description	Large-format color printer
Technology	HP PageWide Technology
Applications	Posters; Double-sided posters; Presentation boards; Wrapping paper
Ink types	Pigment-based (C, M, Y, K)
Ink cartridges	4 (C, M, Y, K)
Cartridge size	5 L
Printheads	8 (C, M, Y, K)
Average printhead life	32 L
Printhead warranty	12 months from the date of installation, or 16 L, or until the Warranty Ends date printed on the packaging, whichever comes first
Print resolution	1200 x 1200 dpi
Print speed	
Poster full coverage (from roll)	Fast: Up to 7500 ft²/hr, 1000 ISO B1 pages/hr, 24 ISO B1 pages/min Normal: Up to 4300 ft²/hr Best: Up to 3200 ft²/hr
Poster full coverage (from input tray)	Up to 1100 ft²/hr, 3 ISO B1 pages/min
Maximum print speed	75 ft/min
Warm-up time	No warm up
First page out	18 sec (from roll and USB), 50 sec (from input tray and USB)
Media	
Media rolls	2 rolls default with auto-switching, expandable to 6 rolls
Roll size	11 to 40 in
Maximum roll diameter	Up to 7 in
Roll core diameter	3 in
Sheet/board size	11.7 to 40.2 in (width), 17.7[1] to 30.1[2] in (length)
Standard sheets/boards	Arch B[3], C, D, E, ANSI B[3], C, D, ISO B2, B1
Grammage	19 to 53 lb (roll); 1000 gsm (sheet/board)
Media thickness	Up to 15.7 mil (roll); 1/24 in – 3/8 in (sheet/board)
Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film
Media input (standard)	Roll, input tray
Media input (optional)	Pro sheet feeder
Media output (standard)	Basket
Media output (optional)	Pro stacker (500-page capacity)
Embedded controller	
Processor	Intel Core i5
Memory	16 GB DDR4
Hard drive	1 x 128 GB SSD, 1 x 500 GB HDD, both self-encrypted with AES-256
Native print languages	HP-GL/2, TIFF, JPEG, Adobe PostScript 3, Adobe PDF 1.7
Remote management	HP Partner Link, HP Embedded Web Server, HP Web Jetadmin, PrintOS
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T), USB 2.0 host
Printing paths	HP SmartStream software (optional), Apple AirPrint
User interface	
User interface	15.6-inch (396-mm) TFT (LED blacklight) 16:9-format HD capacitive touchscreen

Dimensions (W x D x H)	
Printer	77 x 30.9 x 64.4 in
Shipping	88.9 x 40.9 x 62.8 in
Weight	
Printer	1162 lb
Shipping	1444 lb
Environmental	
Operating temperature	41 to 104ºF
Operating humidity	20 to 80% RH, depending on media type
Acoustics	
Sound pressure	≤60 dB(A) (operating), ≤38 dB(A) (idle), ≤20 dB(A) (sleep)
Sound power	≤7.8 B(A) (operating), ≤5.8 B(A) (idle), ≤3.5 B(A) (sleep)
Power	
Consumption	0.37 kW (typical); 1.2 kW (max printing); 120 W (ready); <16 W (sleep)
Requirements	Input voltage (auto ranging) 200-240 V (±10%), 50/60 Hz (±3 Hz), 8 A
Certification	
Safety	IEC 60950-1+A1+A2 and IEC 62368-1 2nd ed. compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 and 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC); China (CCC)
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 Registered, UL 2801 ECOLOGO, 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

Product	
4VW21A	HP PageWide XL Pro 10000 40-in Printer

Accessories	
5EK00A	HP HD Pro 2 42-in Scanner
5EK01A	HP SD Pro 2 44-in Scanner
8SB02A	HP PageWide XL Drawer
8SB05A	HP PageWide XL Pro Sheet Feeder

Original HP printing supplies	
1XA91A	HP 870 5-liter Magenta PageWide XL Pro Ink Cartridge
1XA92A	HP 870 5-liter Yellow PageWide XL Pro Ink Cartridge
1XA93A	HP 870 5-liter Cyan PageWide XL Pro Ink Cartridge
1XA94A	HP 870 5-liter Black PageWide XL Pro Ink Cartridge
3WW73A	HP 874/876 PageWide XL Cleaning Container
3WW75A	HP 876 PageWide XL Pro Printhead
3WW99A	HP 841/874/876 PageWide XL Maintenance Cartridge

Original HP large format printing materials

HP Universal Bond Paper, 3-in Core (FSC® certified)[4] (recyclable)[5]
HP Production Matte Poster Paper, 3-in Core (FSC® certified)[4] (recyclable)[5]
HP Production Satin Poster Paper, 3-in Core (FSC® certified)[4] (recyclable)[5]
HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[4] (recyclable)[5]
HP Matte Polypropylene, 3-in Core

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

[1] 420 mm (16.5 in) supported only in boards.
[2] Longer lengths may be supported depending on the accessories installed.
[3] A3 (Arch B and ANSI B) supported only in boards.
[4] BMG trademark license code FSC®-C115319, see http://www.fsc.org. HP trademark license code FSC®-C017543, see http://www.fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit http://www.HPLFMedia.com.
[5] Can be recycled through commonly available recycling programs.

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