HP PageWide XL 4200 40-in Printer with Top Stacker

Fast, seamless printing experience with the ultimate security[1]



*Product image may differ from actual product

Fast mono and colour print, keep cost under control

- Don't waste time waiting on prints—high-productivity monochrome and colour speeds up to 10 A1 pages/min.[2]
- Excellent technical prints with HP PageWide XL pigment inks—vivid colour, crisp lines, fine detail beat LED.[3]
- Save with low running costs in mono and colour[4] and with up to 10 times lower energy consumption.[5]
- Eco-Carton replaces plastic cartridge—80% reduction in plastic and 66% C02e reduction[6], free take back.[7]

Extreme simplicity

- Easy printing and workflow efficiency with HP Click, HP SmartStream software.
- The market's largest 15-inch touchscreen[8] makes it easy to operate from the front and the back.
- Easy collaboration—access personal/network group folders at touchscreen; print, save, and share right away.

World's most secure large-format printer[1]

- Best network protection with HP Connection Inspector dynamic security, HP Secure Boot, and Allowlisting.[1]
- Keep your fleet secure and set security preferences—any time—with HP Jet Advantage Security Manager software.
- Control who accesses the printer and its confidential documents with secure user authentication.

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

Messaging Footnotes

[1] Based on comparison of published security specifications commissioned by HP and performed by Sogeti in September, 2020. Comparison of the HP PageWide XL portfolio and competitors that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC. Comparison matrix and further details available upon request.
[2] The HP PageWide XL 4200 Printer series delivers 10 CAD output A1 prints in 1 minute. Number of pages will vary depending on the print mode and application printed.
[3] Based on testing commissioned by HP and performed by Sogeti in September, 2020. Fine detail based on the number of line breaks found in 1.5 mm of line. On vertical 1 px C,M,Y,K lines. Printed on Oce 75 g plain paper using equivalent fast/high-speed print modes. For output produced with an HP PageWide XL 8200 Printer and comparable printers from different manufacturers and that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC.
[4] Calculation based on total cost of ownership comparison of comparable competitive printer, considering average printhead life. Results show maintenance costs reduced by 50% when printing technical drawings. Analysis period of 5 years and assuming a production of 1000 m²/month with a printing category distribution of: 80% lines, 20% high-density images. Testing commissioned by HP and performed by Sogeti in September, 2020.
[5] Based on tests performed internally by HP based on ISO 20690 and performed in September, 2020. Comparable printers using LED technology based on LED printers capable of printing 4-6 A1 pages per minute and which represent the majority market share of mid-volume LED printers in the US and Europe according to IDC as of October, 2020.
[6] Based on 1-liter cartridge, figures might be slightly different for 500-ml cartridge. C02e reduction based on moving from plastic ink cartridge to cardboard HP Eco-Carton ink cartridge, with annual manufacturing savings of 36 tons and transport savings of 1 ton. Equivalent to 147,755 km (91,811 miles) driven by an average passenger vehicle or 4,718,692 smartphones charged.
[7] For take-back of ink bag/printheads/prints, visit http://www.hp.com/recycle to see how to participate and for HP Planet Partners program availability; program may not be available in your jurisdiction. Where this program is not available, and for other consumables not included in the program, consult your local waste authorities on appropriate disposal.
[8] Based on comparison of published front panel specifications commissioned by HP and performed by Sogeti in September, 2020. Comparison of the HP PageWide XL portfolio and competitors that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC.

For more information, please visit http://www.hp.com/go/pagewidexl4200

AirPrint ENERGY STAR epeat Mac Windows 10 Compatible

Datasheet

Technical specifications

Print	
Description	Large-format color printer
Technical documents (from roll)	Up to 550 A1 pages/hr, 10 A1 pages/min (800 A1 pages/hr, 15 A1 pages/min with optional speed upgrade)
Warm-up time	No warm up
First page out	22 sec (from USB)
Print resolution	1200 x 1200 dpi
Technology	HP PageWide Technology
Ink types	Pigment-based (C, M, Y, K)
Ink cartridges	4 (C, M, Y, K)
Cartridge size	500 ml
Printheads	8 (C, M, Y, K)
Average printhead life	32 L
Printhead warranty	12 months from the date of installation, or 10 L, or until the Warranty Ends date printed on the packaging, whichever comes first
Line accuracy	±0.1%[1]
Minimum line width	0.02 mm (HP-GL/2 addressable)

Media	
Applications	Line drawings; Maps; Orthophotos; Posters
Media rolls	2 rolls default with auto-switching, expandable to 4 rolls
Roll size	279 to 1016 mm
Roll length	Up to 200 m
Maximum roll diameter	Up to 177 mm
Roll core diameter	7.6 cm
Media Weight Recommended	70 to 200 g/m²
Media weights by paper path	70 to 200 g/m²
Thickness	Up to 0.4 mm
Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film
Media output (standard)	Top stacker (up to 100-page capacity)
Media output (optional)	High-capacity stacker (up to 500-page capacity), online folder (only compatible in conjunction with the optional accessory upgrade kit)

Embedded controller	
User interface	15.6-inch (396-mm) TFT (LED blacklight) 16:9-format HD capacitive touchscreen
Processor	Intel Celeron
Memory	8 GB DDR4
Hard disk	1 x 500 GB HDD, self-encrypted with AES-256
Native print languages	HP-GL/2, TIFF, JPEG
Print languages (optional)	Adobe PostScript 3, Adobe PDF 1.7 (with PostScript/PDF upgrade)
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), HP Click printing software, HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple AirPrint

Dimensions (W x D x H)	
Product	1955 x 785 x 1414 mm
Shipping	2257 x 1040 x 1578 mm

Weight	
Product	442 kg
Shipping	596 kg

Environmental ranges	
Operating temperature	5 to 40ºC
Operating humidity	20 to 80% RH, depending on media type

Acoustics	
Sound pressure	Printing: ≤58 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep)
Sound power	Printing: ≤7.6 B(A) (operating), ≤5.5 B(A) (idle), ≤3.5 B(A) (sleep)

Power	
Consumption	0.27 kW (typical); 0.7 kW (max printing); 95 W (ready); <16 W (sleep)
Requirements	Input voltage (auto ranging) 100-127/200-240 V (±10%), 50/60 Hz (±3 Hz), 7/3.5 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	
4VW12A	HP PageWide XL 4200 40-in Printer with Top Stacker
Country of origin	China(B19); Malaysia(ACJ, B19, B1K, BCD, ABG)

Accessories	
2NH46AAE	HP SmartStream Document Organizer Module
2NH47AAE	HP SmartStream Pixel Analysis Module
5EK00A	HP HD Pro 2 42-in Scanner
5EK01A	HP SD Pro 2 44-in Scanner
6UA02AAE	HP SmartStream Workflow Management Module
8SB02A	HP PageWide XL Drawer
8SB03A	HP PageWide XL High-capacity Stacker
8SB06A	HP PageWide XL 39x0/4x00 Accessory Upgrade Kit
8SB07A	HP PageWide XL PostScript/PDF Upgrade Kit
8SB08A	HP PageWide XL 4x00 Speed Upgrade Kit
8SB09A	HP PageWide XL Folder Upgrade Kit for Long Plots
8SF40A	HP F40 Folder
8SF61A	HP F60 Folder with Tab Applicator
8SW00AAE	HP SmartStream Preflight Manager
8SW03AAE	HP SmartStream Print Controller for HP PageWide XL 4000 Printer series

Original HP printing supplies	
3ED83A	HP 865 500-ml Magenta PageWide XL Ink Cartridge
3ED84A	HP 865 500-ml Yellow PageWide XL Ink Cartridge
3ED85A	HP 865 500-ml Cyan PageWide XL Ink Cartridge
3ED86A	HP 864 500-ml Black PageWide XL Ink Cartridge
3WW73A	HP 874/876 PageWide XL Cleaning Container
3WW99A	HP 841/874/876 PageWide XL Maintenance Cartridge
C1Q19A	HP 841/874 PageWide XL Printhead

Use Original HP inks and printheads, and HP large format printing materials, 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, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit https://hp.com/go/OriginalHPinks

Original HP large format printing materials

HP Universal Bond Paper, 3-in Core (FSC® certified)[2] (recyclable)[3]
HP Production Matte Poster Paper, 3-in Core (FSC® certified)[2] (recyclable)[3]
HP Production Satin Poster Paper, 3-in Core (FSC® certified)[2] (recyclable)[3]
HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[2] (recyclable)[3]
HP Matte Polypropylene, 3-in Core

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

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc

Specification Footnotes

[1] ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23ºC (73ºF), 50-60% relative humidity, on A0 printing material in Best or Normal mode with HP Matte Polypropylene and HP PageWide XL pigment ink.
[2] 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.
[3] Can be recycled through commonly available recycling programs.

© Copyright 2026 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

September 2026
gb-en