HP PageWide XL Pro 8200 40-in Multifunction Printer

Grow into new short-term applications with the fastest large-format printer[1]



Fastest response to meet the tightest deadlines[1]

- Respond immediately with the fastest large-format printer[1] with print speeds up to 30 D/A1 pages/minute.[2]
- Offer a combination of technical prints and short-term retail posters, and meet the different demands quickly.
- Deliver full projects 3X faster by printing mixed outputs of both CAD drawings and presentation boards.[3]
- Start printing in 50% of the time[4] with an ultra-fast processor, native PDF management, and HP SmartStream.

Grow—print poster applications, now on boards

- Gain the ability to print on boards, cardstock, and paper from A2 to B1, and thickness up to 3/8 in (10 mm).
- Expand into two-sided, short-term retail posters, and send them to print easily through HP SmartStream.
- Get intuitive workflows for a fast learning curve with simple application instructions through HP Learn.[5]
- Use responsibly sourced FSC®-certified papers, make recyclable prints, enjoy water-based HP pigment inks.[6]

Help boost profits and security—compelling end-to-end solution

- Enjoy low running costs for both CAD drawings and posters with 3-liter Original HP Eco-Carton ink cartridges.
- Free up operator time with a versatile stacker, inline folders, auto-switch, and up to 6 rolls.
- Accept new orders and at the same time, reduce manual work—save up to 50% preparation and finishing costs.[7]
- Save further with up to 10X lower energy consumption than comparable LED printers.[8]
- World class printer protection with HP Wolf Pro Security.

Sustainability in action

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 testing commissioned by HP and performed by Sogeti in October, 2020. Fastest compared to alternatives for large-format printing of technical documents, GIS maps, and point-of-sale (POS) posters under $200,000 USD as of October, 2020. Fastest response compared to the HP PageWide XL Pro 5200 Multifunction Printer.
[2] The HP PageWide XL Pro 8200 Multifunction Printer delivers 30 CAD output D/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 comparing the HP PageWide XL Pro 8200 Printer and a comparable competitive printer that represents the majority market share of LED printers worldwide as of 2019 according to IDC. Test performed by printing 3 B1 posters on B1 foam and 3 copies of a 6-page file combining sizes A0, A1 and plain, coated paper types. Measuring time from clicking "send" button until last page gets out from out of the printer. Using equivalent print quality mode.
[4] Based on testing commissioned by HP and performed by Sogeti in September, 2020 comparing select competitor printers that represent the majority market share of LED printers worldwide as of 2019 according to IDC, and software to HP SmartStream software, measuring the time required to extract pages from a 63-page document and print them using several printers compared with using equivalent software programs.
[5] HP Learn is accessible through HP PrintOS. Requires an HP PrintOS account, Internet connection, and connected Internet-capable device. For more information, see http://www.printos.com.
[6] 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. 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.
[7] Based on testing commissioned by HP and performed by Sogeti in September, 2020 comparing the HP PageWide XL Pro 8200/5200 Printer series and a comparable competitive printer that represents the majority market share of LED printers worldwide as of 2019 according to IDC, by preparing and printing the job. Test performed by sending 3 copies of a 6-page file combining sizes A0, A1 and plain, coated paper types. Measuring time from clicking "send" button until last page out of the printer. Printed in fast/CAD equivalent print quality mode.
[8] Energy consumption based on testing performed internally by HP based on ISO 20690 and performed September, 2020. Comparable printers using LED technology based on LED printers capable of printing 16-22 D/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.

For more information, please visit http://www.hp.com/go/pagewidexlpro8200

AirPrint ENERGY STAR epeat Mac HP WOLF SECURITY

Datasheet

Technical specifications

Print

Description	Large-format color MFP
Warm-up time	No warm up
First page out	18 sec (from roll and USB), 50 sec (from input tray and USB)
Technical documents (from roll)	Up to 1500 ANSI D pages/hr, 30 ANSI D pages/min; Up to 800 ANSI E pages/hr, 18 ANSI E pages/min
Poster full coverage (from roll)	Up to 5400 ft²/hr, 700 ISO B1 pages/hr, 15 ISO B1 pages/min
Poster full coverage (from input tray)	Up to 1100 ft²/hr, 3 ISO B1 pages/min
Maximum print speed	75 ft/min
Print resolution	1200 x 1200 dpi
Technology	HP PageWide Technology
Ink types	Pigment-based (C, M, Y, K)
Print Cartridges/Bottle, Number	4 (C, M, Y, K)
Print cartridge/bottle volume delivered	3 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
Line accuracy	±0.1%[1]
Minimum line width	0.0008 in (HP-GL/2 addressable)

Scan and copy

Linear scan speed	Color: up to 6 in/sec; Grayscale: up to 10 in/sec
Scan resolution	1200 dpi
Scan format	JPEG, TIFF, multi-TIFF, PDF, PDFA, multi-PDF, multi-PDFA
Scan destinations	Printer storage, USB drive, network folder (SMB), My home folder, scan to email, scan to HP SmartStream software
Maximum scan width	Up to 36 in
Maximum scan length	164 ft (PDF), 39 ft (TIFF), 26 ft (JPEG)[5]
Scan features	Live preview, scan quicksets, smart background removal, black enhancement, automatic de-skew, reduce scan speed, post-edit settings (contrast, brightness, rotation, cropping and skew)
Maximum copy length	374.5 in
Technology	36-in (91-cm) CIS scanner
Thickness	0.01 in

Media

Applications	Line drawings; Maps; Orthophotos; Posters; Double-sided posters; Presentation boards; Wrapping paper
Media rolls	2 rolls default with auto-switching, expandable to 6 rolls
Roll size	11 to 40 in
Roll length	Up to 650 ft
Maximum roll diameter	Up to 7 in
Roll core diameter	3 in
Sheet size	11.7 to 40.2 in (width), 17.7[2] to 30.1[3] in (length)
Standard sheets	Arch B[4], C, D, E, ANSI B[4], C, D, ISO B2, B1
Media weights by paper path	19 to 53 lb (roll); 1000 gsm (sheet/board)
Media Weight Recommended	
Thickness	
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)	Top stacker (100-page capacity), pro stacker (500-page capacity), online folder

Embedded controller

User interface	15.6-inch (396-mm) TFT (LED blacklight) 16:9-format HD capacitive touchscreen
Processor	Intel Core i5
Memory	16 GB DDR4
Hard disk	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), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple AirPrint

Dimensions (W x D x H)

Product	77 x 30.9 x 64.4 in
Shipping	88.9 x 40.9 x 62.8 in

Weight

Product	1162 lb
Shipping	1444 lb

Environmental ranges

Operating temperature	41 to 104ºF
Operating humidity	20 to 80% RH, depending on media type

Acoustics

Sound pressure	Printing: ≤60 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep)
Sound power	Printing: ≤7.8 B(A) (operating), ≤5.5 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	
4VW20A	HP PageWide XL Pro 8200 40-in Multifunction Printer
Accessories	
8SB02A	HP PageWide XL Drawer
8SB05A	HP PageWide XL Pro Sheet Feeder
8SB09A	HP PageWide XL Folder Upgrade Kit for Long Plots
8SF70A	HP F70 Folder
CZ320B	HP PageWide XL Top Stacker
Original HP printing supplies	
1XA87A	HP 869 3-liter Magenta PageWide XL Pro Ink Cartridge
1XA88A	HP 869 3-liter Yellow PageWide XL Pro Ink Cartridge
1XA89A	HP 869 3-liter Cyan PageWide XL Pro Ink Cartridge
1XA90A	HP 869 3-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

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)[6] (recyclable)[7]
HP Production Matte Poster Paper, 3-in Core (FSC® certified)[6] (recyclable)[7]
HP Production Satin Poster Paper, 3-in Core (FSC® certified)[6] (recyclable)[7]
HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[6] (recyclable)[7]
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/E printing material in Best or Normal mode with HP Matte Polypropylene and HP PageWide XL pigment ink.
[2] 420 mm (16.5 in) supported only in boards.
[3] Longer lengths may be supported depending on the accessories installed.
[4] A3 (Arch B and ANSI B) supported only in boards.
[5] Scanned at 200 dpi. PDF scanning available on PostScript models only.
[6] 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.
[7] Can be recycled through commonly available recycling programs.

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