Datasheet

HP PageWide XL Pro 8200 40-in Multifunction Printer with Pro Stacker

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—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]

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

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] 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.

Technical specifications

General	
Description	Large-format color MFP
Technology	HP PageWide Technology
Applications	Line drawings; Maps; Orthophotos; 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	3 L
Printheads	8 (C, M, Y, K)
Average printhead life	32 L
Printhead warranty	16 L or 12 months
Print resolution	1200 x 1200 dpi
Minimum line width	0.0008 in (HP-GL/2 addressable)
Line accuracy	±0.1%[1]
Print speed	
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
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
Roll diameter	Up to 7 in
Roll core diameter	3 in
Sheet/board size	11.7 to 40.2 in (width), 17.7[2] to 30.1[3] in (length)
Standard sheets/boards	Arch B[4], C, D, E, ANSI B[4], 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)	Pro stacker (500-page capacity), basket
Media output (optional)	Top stacker (100-page capacity), online folder
Scanner	
Description	36-in (91-cm) CIS scanner
Speed	Color: up to 6 in/sec Grayscale: up to 10 in/sec
Optical resolution	1200 dpi
Scan width	Up to 36 in
Original thickness	0.01 in
Maximum copy length	374.5 in
Maximum scan length	164 ft (PDF), 39 ft (TIFF), 26 ft (JPEG)[5]
Scan format	JPEG, TIFF, multi-TIFF, PDF, PDFA, multi-PDF, multi-PDFA
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)
Scan destination	Printer storage, USB drive, network folder (SMB), My home folder, scan to email, scan to HP SmartStream software
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), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3)
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 80.3 x 64.4 in
Shipping	88.9 x 40.9 x 62.8 in
Weight	
Printer	1448 lb
Shipping	1819 lb
Environmental	
Operating temperature	41 to 104ºF
Operating humidity	20 to 80% RH, depending on media type
Acoustics	
Sound pressure	≤60 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep)
Sound power	≤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	
4VW20B	HP PageWide XL Pro 8200 40-in Multifunction Printer with Pro Stacker
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	
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)[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.

[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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technologies

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