HP PageWide XL Pro 8200 40-in Multifunction Printer (4VW20A)

Overview

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

Respond immediately with the fastest large-format printer[1]—with print speeds up to 30 D/A1 pages/min.[2] Print on boards, cardstock, and paper, and expand into two-sided, short-term retail posters. Enjoy low running costs for CAD drawings/posters.

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]

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.

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).

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[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.

Specifications

Print quality color (best)	1200 x 1200 dpi
Scanner advanced 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)
Connectivity, standard	Gigabit Ethernet (1000Base-T), USB 2.0 host
Energy star certified	Yes
Scan file format	JPEG, TIFF, multi-TIFF, PDF, PDFA, multi-PDF, multi-PDFA (with PostScript/PDF upgrade)
Scan input modes	Printer storage, USB drive, network folder (SMB), My home folder, scan to email, scan to HP SmartStream software
Scanner type	36-in (91-cm) CIS scanner
Minimum dimensions (W x D x H)	1955 x 785 x 1637 mm
Minimum dimensions (W x D x H)	77 x 30.9 x 64.4 in
Weight	527 kg
Weight	1162 lb
Power consumption	0.37 kW (typical); 1.2 kW (max printing); 120 W (ready); <16 W (sleep)
Environmental certification	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
Manufacturer Warranty	90 days

Additional specifications

Acoustic power emissions (active, printing)	≤7.8 B(A) (operating), ≤5.5 B(A) (idle), ≤3.5 B(A) (sleep)
Acoustic pressure emissions	≤60 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep)
Average printhead life	32 L
Core size	3 in
Core size	7.6 cm
Description	Large-format color MFP
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KC)
First page out	18 sec (from roll and USB), 50 sec (from input tray and USB)
Infrastructure management	HP Partner Link, HP Embedded Web Server, HP Web Jetadmin, PrintOS
Ink types	Pigment-based (C, M, Y, K)
Interface	15.6-inch (396-mm) TFT (LED blacklight) 16:9-format HD capacitive touchscreen
Internal Storage	1 x 128 GB SSD, 1 x 500 GB HDD, both self-encrypted with AES-256
Line accuracy	±0.1%[1]
Line accuracy note	±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.
Linear scan speed	Color: up to 6 in/sec; Grayscale: up to 10 in/sec
Linear scan speed	Color: up to 15.24 cm/sec; Grayscale: up to 25.4 cm/sec
Maximum copy length	374.5 in
Maximum copy length	9.5 m
Maximum media thickness	0.26 mm
Maximum print speed	23 m/min
Maximum print speed	75 ft/min
Maximum scan length	50 m (PDF), 12 m (TIFF), 8 m (JPEG)[5]
Maximum scan length	164 ft (PDF), 39 ft (TIFF), 26 ft (JPEG)[5]
Media sizes standard (metric rolls)	279 to 1016 mm
Media sizes standard (sheets, rolls)	11 to 40 in
Media sizes supported	SRA3[4], A2, A1, B2, B1
Media sizes supported	Arch B[4], C, D, E, ANSI B[4], C, D, ISO B2, B1

Media sizes, custom	297 to 1020 mm (width), 450[2] to 765[3] mm (length)
Media sizes, custom	11.7 to 40.2 in (width), 17.7[2] to 30.1[3] in (length)
Media thickness	Up to 15.7 mil (roll); up to 3/8 in (sheet/board)
Media thickness	0.01 in
Media thickness (metric)	Up to 0.4 mm (roll); up to 10 mm (sheet/board)
Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film
Media weight, supported	19 to 53 lb (roll); 0.032 to 1.83 lb (sheet/board)
Media weight, supported	70 to 200 g/m² (roll); 80 to 1050 g/m² (sheet/board)
Memory	16 GB DDR4
Number of print cartridges	4 (C, M, Y, K)
Operating humidity range	20 to 80% RH, depending on media type
Operating temperature range	41 to 104ºF
Operating temperature range	5 to 40ºC
Optional printer languages	Adobe PostScript 3, Adobe PDF 1.7 (with PostScript/PDF upgrade)
Package dimensions (W x D x H)	88.9 x 40.9 x 62.8 in
Package dimensions (W x D x H)	2257 x 1040 x 1595 mm
Package weight	1444 lb
Package weight	655 kg
Paper handling input, optional	Pro sheet feeder
Paper handling input, standard	Roll, input tray
Paper handling output, optional	Top stacker (100-page capacity), pro stacker (500-page capacity), online folder
Paper handling output, standard	Basket
Poster full coverage (from input tray)	Up to 100 m²/hr, 3 B1 pages/min
Poster full coverage (from input tray)	Up to 1100 ft²/hr, 3 ISO B1 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 roll)	Up to 500 m²/hr, 700 B1 pages/hr, 15 B1 pages/min
Power	Input voltage (auto ranging) 200-240 V (±10%), 50/60 Hz (±3 Hz), 8 A
Print cartridge volume delivered	3 L
Print heads	8 (C, M, Y, K)
Print languages	HP-GL/2, TIFF, JPEG
Print technology	HP PageWide Technology
Printhead warranty	16 L or 12 months
Printing path	HP SmartStream software (optional), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3)

Processor	Intel Core i5
Product logos	Adobe PDF Print Engine; Adobe PostScript 3; ColorPRO Technology; Energy Star; EPEAT green; Gold IPv6 Ready; Mac; UL 2801 ECOLOGO; Windows 10 Compatible
Recommended media	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
Roll external diameter	Up to 177 mm
Roll external diameter	Up to 7 in
Roll maximum input	2 rolls default with auto-switching, expandable to 6 rolls
Roll maximum output	Up to 650 ft
Roll maximum output	Up to 200 m
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)
Scan resolution, optical	1200 dpi
Scan size, maximum	Up to 914 mm
Scan size, maximum	Up to 36 in
Supported Primary Applications	Line drawings; Maps; Orthophotos; Posters; Double-sided posters; Presentation boards; Wrapping paper
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
Technical documents (from roll)	Up to 1500 A1 pages/hr, 30 A1 pages/min; Up to 800 A0 pages/hr, 18 A0 pages/min
Theoretical minimum line width	0.0008 in (HP-GL/2 addressable)
Theoretical minimum line width	0.02 mm (HP-GL/2 addressable)
UNSPSC code	43212104
UPC number	(ABG) 195122294618; (ACJ) 195122294625; (B19) 195122294656; (B1K) 195122294663; (BCD) 195122294687
Warm-up time	No warm up
Web address for additional information	http://www.hp.com/go/pagewidexlpro8200

HP PageWide XL Supplies

★ : Recommended

HP PageWide XL Supplies

HP 841/874/876 PageWide XL Maintenance Cartridge	3WW99A
HP 869 3-liter Cyan PageWide XL Pro Ink Cartridge	1XA89A
HP 869 3-liter Magenta PageWide XL Pro Ink Cartridge	1XA87A
HP 869 3-liter Yellow PageWide XL Pro Ink Cartridge	1XA88A
HP 869B 3-liter Black PageWide XL Pro Ink Cartridge	3EE03A
HP 869B 3-liter Cyan PageWide XL Pro Ink Cartridge	3EE02A
HP 869B 3-liter Magenta PageWide XL Pro Ink Cartridge	3EE00A
HP 869B 3-liter Yellow PageWide XL Pro Ink Cartridge	3EE01A
HP 874/876 PageWide XL Cleaning Container	3WW73A
HP 876 PageWide XL Pro Printhead	3WW75A

Accessories

Paper Handling

★ : Recommended

Paper Finishing Accessories

HP F60 Folder with Tab Applicator	8SF61A
HP F70 Folder	8SF70A
HP F70 Folder with Tab Applicator	8SF71A
HP PageWide XL Folder Upgrade Kit for Long Plots	8SB09A

Media Loading Accessories

HP PageWide XL Drawer	8SB02A

Automatic Document Feeders

HP PageWide XL Pro Sheet Feeder	8SB05A

Output Trays and Stackers

HP PageWide XL Pro Stacker	8SB04A
HP PageWide XL Top Stacker	CZ320B

Postscript/PCL5 Emulations

Postscript/PCL5 Emulations

HP PageWide XL PostScript/PDF Upgrade Kit	8SB07A

Scanners

★ : Recommended

Large Format Scanners

HP HD Pro 2 42-in Scanner	5EK00A
HP SD Pro 44-in Scanner	G6H50B

Software

Printing and Imaging Software

★ : Recommended

Printer Management Software

HP SmartStream Document Organizer Module	2NH46AAE
HP SmartStream Pixel Analysis Module	2NH47AAE
HP SmartStream Preflight Manager	8SW00AAE
HP SmartStream Print Controller USB for HP PageWide XL Pro 5/8000 Printer series	8SW05A
HP SmartStream Print Controller Upgrade for HP PageWide XL Pro Printer series	8SW07AAE
HP SmartStream Print Controller for HP PageWide XL Pro 5/8000 Printer series	8SW05AAE
HP SmartStream USB Preflight Manager	8SW00A
HP SmartStream Workflow Management Module	6UA02AAE
HP SmartTracker USB for HP PageWide XL Pro 5/8000 Printer series	8SW15A
HP SmartTracker for HP PageWide XL Pro 5/8000 Printer series	8SW15AAE

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