HP PageWide XL Pro 5200 40-in Multifunction Printer

Expand into new short-term applications with instant printing

Respond faster to customer demands

- Respond to your customers' requests right away with print speeds up to 20 D/A1 pages/minute.[1]
- Offer a combination of technical prints and short-term retail posters, and meet the different demands quickly.
- Deliver full projects 2X faster by printing mixed outputs of both CAD drawings and presentation boards.[2]

Expand your offering, printing board applications

- 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.[3]
- Use responsibly sourced FSC®-certified papers, make recyclable prints, enjoy water-based HP pigment inks.[4]

Help increase revenues and cut costs

- Enable rapid return on investment—grow your offering with a single HP-branded solution.
- Accept new orders and, at the same time, reduce manual work—save up to 50% preparation and finishing costs.[5]
- Save further—up to 10X lower energy consumption[6], free supply take-back program[7], HP Eco-Carton cartridge.

For more information, please visit http://www.hp.com/go/pagewidexlpro5200

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 5200 Multifunction Printer delivers 20 CAD output D/A1 prints in 1 minute. Number of pages will vary depending on the print mode and application printed.
[2] 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.
[3] 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.
[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. 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.
[5] 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 from the printer. Printed in fast/CAD equivalent print quality mode.
[6] 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 8-13 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.
[7] For free take-back of inner ink bag and printheads, 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.

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	1 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
Minimum line width	0.02 mm (HP-GL/2 addressable)
Line accuracy	±0.1%[1]

Print speed

Technical documents (from roll)	Up to 1100 A1 pages/hr, 20 A1 pages/min Up to 600 A0 pages/hr, 11 A0 pages/min
Poster full coverage (from roll)	Up to 400 m²/hr, 600 B1 pages/hr, 12 B1 pages/min
Poster full coverage (from input tray)	Up to 100 m²/hr, 3 B1 pages/min
Maximum print speed	15 m/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 4 rolls
Roll size	279 to 1016 mm
Maximum roll diameter	Up to 177 mm
Roll core diameter	7.6 cm
Sheet/board size	297 to 1020 mm (width), 450[2] to 765[3] mm (length)
Standard sheets/boards	SRA3[4], A2, A1, B2, B1
Grammage	70 to 200 g/m² (roll); 80 to 1050 g/m² (sheet/board)
Media thickness	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 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

Scanner

Description	36-in (91-cm) CIS scanner
Speed	Color: up to 15.24 cm/sec Grayscale: up to 25.4 cm/sec
Optical resolution	1200 dpi
Scan width	Up to 914 mm
Original thickness	0.26 mm
Maximum copy length	9.5 m
Maximum scan length	50 m (PDF), 12 m (TIFF), 8 m (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 i3
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 Click printing software (optional), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple AirPrint

User interface

User interface	15.6-inch (396-mm) TFT (LED backlight) 16:9-format HD capacitive touchscreen

Dimensions (W x D x H)

Printer	1955 x 785 x 1414 mm
Shipping	2257 x 1040 x 1595 mm

Weight

Printer	490 kg
Shipping	574 kg

Environmental

Operating temperature	5 to 40ºC
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	0.29 kW (typical); 0.9 kW (max printing); 100 W (ready); <18 W (sleep)
Requirements	Input voltage (auto ranging) 200-240 V (±10%), 50/60 Hz (±3 Hz), 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

Warranty	90 days

Ordering information

Product

4VW19A	HP PageWide XL Pro 5200 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

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.

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[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.