HP PageWide XL Pro 5200 40-in Multifunction Printer

Grow into new short-term applications with faster printing[1]

*Product image may differ from actual product

Respond faster to customer's requests

- Turnaround your customers' requests faster with print speeds of upto 20 A1 pages per minute.[2]
- Offer a combination of technical prints and short-term retail posters, and meet your customers' business requirements quickly.
- Deliver full projects fast by printing mixed outputs of both CAD drawings and presentation boards.[3]

Expand your print offering to board applications

- Expand your print offering with the ability to print on boards,cardstock, and paper from A2 to B1, and thickness up to 10mm.
- Expand into two-sided, short-term retail posters, and via HP SmartStream, complete the print job easily.
- Get intuitive workflows with simple application instructions available through HP Learn for a fast learning curve.[4]
- Use responsibly sourced FSC®-certified papers, make recyclable prints, with water-based HP pigment inks.[5]

Help increase revenues, cut costs, and protect your device, data, and documents

- Achieve a rapid return on investment by growing your print offering with a single and flexible HP-branded solution.
- Accept new orders and, at the same time, reduce manual work–save on preparation and finishing costs.[6]
- Save further–up to 10X lower energy consumption[7], free supply take-back program[8], HP Eco-Carton cartridge.
- World class printer protection with HP Wolf Pro Security.

Dynamic security enabled printer. Contains technology that may prevent cartridges with non-HP chips or circuitry from working now or in the future. More at: http://www.hp.com/learn/ds

Messaging Footnotes

[1] For diclaimer for faster printing
[2] 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.
[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] 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.
[5] 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.
[6] 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.
[7] 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.
[8] 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.

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

AirPrint · CE · ENERGY STAR · epeat · R6 READY · Mac · ECOLOGO · Windows 10 Compatible · HP WOLF SECURITY

Datasheet

Technical specifications

Print

Description	Large-format color MFP
Technical documents (from roll)	Maximum 1100 A1 pages/hr, 20 A1 pages/min Maximum 600 A0 pages/hr, 11 A0 pages/min;
Poster full coverage (from roll)	Maximum 400 m²/hr, Average 285 m²/hr [8];
Poster full coverage (from input tray)	Maximum 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)
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	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
Line accuracy	±0.1%[1]
Minimum line width	0.02 mm (HP-GL/2 addressable) ;

Scan and copy

Linear scan speed	Color: up to 15.24 cm/sec; Grayscale: up to 25.4 cm/sec;
Scan resolution	1200 dpi
Technology	36-in (91-cm) CIS scanner
Scan format	JPEG, TIFF, multi-TIFF, PDF, PDFA, multi-PDF, multi-PDFA (with PostScript/PDF upgrade)
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 914 mm;
Maximum scan length	50 m (PDF), 12 m (TIFF), 8 m (JPEG)[5]
Maximum copy length	9.5 m;
Original thickness	0.26 mm;
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)

Media

Applications	Line drawings; Maps; Orthophotos; Posters; Double-sided posters; Presentation boards; Wrapping paper
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;
Sheet size	297 to 1020 mm (width), 450[2] to 765[3] mm (length);
Media Weight Recommended	70 to 200 g/m² (roll); 80 to 1050 g/m² (sheet/board)
Media weights by paper path	70 to 200 g/m² (roll); 80 to 1050 g/m² (sheet/board);
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

Embedded controller

User interface	15.6-inch (396-mm) TFT (LED blacklight) 16:9-format HD capacitive touchscreen
Processor	Intel Core i3
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
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 (optional), 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 1595 mm;

Weight

Product	490 kg;
Shipping	574 kg;

Environmental ranges

Operating temperature	5 to 40ºC ;
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	0.29 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, 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
4VW19A	HP PageWide XL Pro 5200 40-in Multifunction Printer

Accessories
8SB02A	HP PageWide XL Drawer
8SB04A	HP PageWide XL Pro Stacker
8SB05A	HP PageWide XL Pro Sheet Feeder
8SB07A	HP PageWide XL PostScript/PDF Upgrade Kit
8SB09A	HP PageWide XL Folder Upgrade Kit for Long Plots
8SF40A	HP F40 Folder
8SF70A	HP F70 Folder
8SW00A	HP SmartStream USB Preflight Manager
8SW00AAE	HP SmartStream Preflight Manager
8SW05A	HP SmartStream Print Controller USB for HP PageWide XL Pro 5/8000 Printer series
8SW05AAE	HP SmartStream Print Controller for HP PageWide XL Pro 5/8000 Printer series
8SW07A	HP SmartStream Print Controller USB Upgrade for HP PageWide XL Pro Printer series
8SW07AAE	HP SmartStream Print Controller Upgrade for HP PageWide XL Pro Printer series
CZ320B	HP PageWide XL Top Stacker

Original HP printing supplies
1XA79A	HP 867B 1-liter Magenta PageWide XL Ink Cartridge
1XA80A	HP 867B 1-liter Yellow PageWide XL Ink Cartridge
1XA81A	HP 867B 1-liter Cyan PageWide XL Ink Cartridge
1XA82A	HP 866B 1-liter Black PageWide XL 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

May 2025
au-en