HP PageWide XL 5200 Printer series

Gain efficiency with fast, easy, and cost-effective print/scan/copy production[1]

*Product image may differ from actual product

Instant delivery of mono and color printouts

- Respond to your customers' requests right away with print speeds up to 20 D/A1 pages/minute.[2]
- Reliable technical prints with HP PageWide XL pigment inks—vivid color, crisp lines, fine detail beat LED.[3]
- Gain productivity—one device delivers mixed sizes/paper types in 50% of the time, no mono/color collating.[4]

Enhanced workflows, added efficiency and security

- The market's largest 15-inch touchscreen[5] makes it easy to operate from the front and the back.
- Save time—manage folder styles, add job separations, detect hidden layers before printing—with HP SmartStream.
- Scan on the fly, gain agile digitalization with live scan preview and contextual post-edit capabilities.[1]
- World-class printer protection with HP Wolf Pro Security — stay ahead of evolving security threats.

Help cut production costs up to 30%[7]

- Print, scan, and copy in monochrome and color with a single HP-branded solution.[1]
- Gain broad control over your printing costs with HP SmartTracker software.
- Up to 10 times lower energy consumption than comparable LED printers.[8]
- Eco-Carton replaces plastic cartridge—80% reduction in plastic and 66% C02e reduction[9], free take back.[10]

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] Multifunction capabilities are available on the HP PageWide XL 5200 Multifunction Printer only.

[2] The HP PageWide XL 5200 Printer series 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. Fine detail based on the number of line breaks found in 1.5 mm of line. On vertical 1 px C,M,Y,K lines. Printed on Oce 75 g plain paper using equivalent fast/high-speed print modes. For output produced with an HP PageWide XL 8200 Printer and comparable printers from different manufacturers and that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC.

[4] Based on testing commissioned by HP and performed by Sogeti in September, 2020 comparing the HP PageWide XL 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.

[5] Based on comparison of published front panel specifications commissioned by HP and performed by Sogeti in September, 2020. Comparison of the HP PageWide XL portfolio and competitors that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC.

[6] Based on comparison of published security specifications commissioned by HP and performed by Sogeti in September, 2020. Comparison of the HP PageWide XL portfolio and competitors that represent the majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC. Comparison matrix and further details available upon request.

[7] Calculation based on total cost of ownership comparison and a comparable competitive printer that represents the majority market share of LED printers worldwide as of 2019 according to IDC. Analysis period of 1 year and assuming a production of 3,000 m²/month with a printing category distribution of: 70% lines, 20% low-density images, and 10% high-density images. Based on testing commissioned by HP and performed by Sogeti in September, 2020.

[8] 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.

[9] C02e reduction based on moving from plastic ink cartridge to cardboard HP Eco-Carton ink cartridge, with annual manufacturing savings of 36 tons and transport savings of 1 ton. Equivalent to 147,755 km (91,811 miles) driven by an average passenger vehicle or 4,718,692 smartphones charged.

[10] 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/pagewidexl5200

Datasheet

Technical specifications

Print

Description	Large-format color MFP or printer
Technical documents (from roll)	Up to 1100 A1 pages/hr, 20 A1 pages/min; Up to 603 A0 pages/hr, 11 A0 pages/min
Maximum print speed	15 m/min
Warm-up time	No warm up
First page out	20 sec (from USB)
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	500 ml (C, M, Y, K)
Printheads	8 (C, M, Y, K)
Average printhead life	32 L
Printhead warranty	12 months from the date of installation, or 10 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)[2]
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
Rolls	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
Recommended Grammage	70 to 200 g/m²
Grammage	70 to 200 g/m²
Thickness	Up to 0.4 mm
Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film

Media output

Media output (standard)	Varies by model: top stacker (up to 100-page capacity), high-capacity stacker (up to 500-page capacity), basket
Media output (optional)	Varies by model: top stacker (up to 100-page capacity), high-capacity stacker (up to 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 1578 mm

Weight

Product	Printer: 382 kg; MFP: 412 kg
Shipping	Printer: 516 kg; MFP: 541 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) 100-127/200-240 V (±10%), 50/60 Hz (±3 Hz), 10/5 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	90 days

Ordering information

Product

	HP PageWide XL 5200 Printer series
4VW16A	HP PageWide XL 5200 40-in Printer
4VW17A	HP PageWide XL 5200 40-in Multifunction Printer

Accessories

5EK00A	HP HD Pro 2 42-in Scanner
5EK01A	HP SD Pro 2 44-in Scanner
8SB02A	HP PageWide XL Drawer
8SB03A	HP PageWide XL High-capacity Stacker
8SB07A	HP PageWide XL PostScript/PDF Upgrade Kit
8SB09A	HP PageWide XL Folder Upgrade Kit for Long Plots
8SF70A	HP F70 Folder
8SW00A	HP SmartStream USB Preflight Manager
8SW04A	HP SmartStream Print Controller USB for HP PageWide XL 5/6/8000 Printer series
8SW04AAE	HP SmartStream Print Controller for HP PageWide XL 5/6/8000 Printer series
8SW14A	HP SmartTracker USB for HP PageWide XL 5/6/8000 Printer series
8SW14AAE	HP SmartTracker for HP PageWide XL 5/6/8000 Printer series
CZ320B	HP PageWide XL Top Stacker

Original HP printing supplies

1XA67A	HP 865B 500-ml Magenta PageWide XL Ink Cartridge
1XA68A	HP 865B 500-ml Yellow PageWide XL Ink Cartridge
1XA69A	HP 865B 500-ml Cyan PageWide XL Ink Cartridge
1XA70A	HP 864B 500-ml Black PageWide XL Ink Cartridge
3WW73A	HP 874/876 PageWide XL Cleaning Container
3WW99A	HP 841/874/876 PageWide XL Maintenance Cartridge
C1Q19A	HP 841/874 PageWide XL Printhead

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)[3] (recyclable)[4]
HP Production Matte Poster Paper, 3-in Core (FSC® certified)[3] (recyclable)[4]
HP Production Satin Poster Paper, 3-in Core (FSC® certified)[3] (recyclable)[4]
HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[3] (recyclable)[4]
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] Scanned at 200 dpi. PDF scanning available on PostScript models only.
[3] 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.
[4] Can be recycled through commonly available recycling programs.

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