

# HP PageWide XL Pro 5200 40-in Multifunction Printer



Expand into new short-term applications with instant printing



\*Product image may differ from actual product

## Respond faster to customer demands

- Respond to your customers' requests right away with print speeds up to 20 A1 pages/minute.<sup>1</sup>
- 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.<sup>2</sup>

## Expand your offering, printing board applications

- Gain the ability to print on boards, cardstock, and paper from A2 to B1, and thickness up to 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.<sup>3</sup>
- Use responsibly sourced FSC®-certified papers, make recyclable prints, enjoy water-based HP pigment inks.<sup>4</sup>

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

- 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.<sup>5</sup>
- Save further—up to 10X lower energy consumption<sup>6</sup>, free supply take-back program<sup>7</sup>, HP Eco-Carton cartridge.
- World class printer protection with HP Wolf Pro Security.

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

<sup>1</sup> The HP PageWide XL Pro 5200 Multifunction Printer delivers 20 CAD output A1 prints in 1 minute. Number of pages will vary depending on the print mode and application printed.

<sup>2</sup> 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.

<sup>3</sup> 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>.

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> 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 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.

<sup>7</sup> 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>



Datasheet

# Technical specifications

|                                         |                                                                                                                                                                                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print                                   |                                                                                                                                                                                               |
| Description                             | Large-format colour MFP                                                                                                                                                                       |
| 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)                                                                                                                                  |
| 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 | 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% <sup>1</sup>                                                                                                                                                                            |
| Minimum line width                      | 0.02 mm (HP-GL/2 addressable)                                                                                                                                                                 |
| Scan and copy                           |                                                                                                                                                                                               |
| Linear scan speed                       | Colour: up to 15.24 cm/sec; Greyscale: up to 25.4 cm/sec                                                                                                                                      |
| Scan resolution                         | 1200 dpi                                                                                                                                                                                      |
| Technology                              | 36-in (91-cm) CIS scanner                                                                                                                                                                     |
| Scan format                             | JPEG, TIFF, multi-TIFF, PDF, PDF/A, 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) <sup>2</sup>                                                                                                                                              |
| 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                                                                                          |
| 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 |
| Sheet size                              | 297 to 1020 mm (width), 450 <sup>2</sup> to 765 <sup>3</sup> mm (length)                                                                                                                      |
| Standard sheets                         | SRA3 <sup>4</sup> , A2, A1, B2, B1                                                                                                                                                            |
| 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)                                                                                                                                          |

## Ordering information

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| Product                       |                                                                               |
| 4VW19A                        | HP PageWide XL Pro 5200 40-in Multifunction Printer                           |
| Accessories                   |                                                                               |
| 2NH46AAE                      | HP SmartStream Document Organizer Module                                      |
| 2NH47AAE                      | HP SmartStream Pixel Analysis Module                                          |
| 6UA02AAE                      | HP SmartStream Workflow Management Module                                     |
| 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                                                                 |
| 8SF61A                        | HP F60 Folder with Tab Applicator                                             |
| 8SF70A                        | HP F70 Folder                                                                 |
| 8SF71A                        | HP F70 Folder with Tab Applicator                                             |
| 8SW00AAE                      | HP SmartStream Preflight Manager                                              |
| 8SW05AAE                      | HP SmartStream Print Controller for HP PageWide XL Pro 5/8000 Printer series  |
| 8SW07AAE                      | HP SmartStream Print Controller Upgrade for HP PageWide XL Pro Printer series |
| 8SW15AAE                      | HP SmartTracker for HP PageWide XL Pro 5/8000 Printer series                  |
| CZ320B                        | HP PageWide XL Top Stacker                                                    |
| Original HP printing supplies |                                                                               |

|                            |                                                                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 backlight) 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 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 40°C                                                                                                                                                                                           |
| 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                                                                                                                                                                                             |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 312Z2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | HP 878 1-liter Cyan PageWide XL Ink Cartridge    |
| 312Z3A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | HP 878 1-liter Magenta PageWide XL Ink Cartridge |
| 312Z4A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | HP 878 1-liter Yellow PageWide XL Ink Cartridge  |
| 3ED94A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | HP 866 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 <a href="https://hp.com/go/OriginalHPInks">https://hp.com/go/OriginalHPInks</a> |                                                  |
| Original HP large format printing materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                  |
| HP Universal Bond Paper, 3-in Core (FSC® certified) <sup>6</sup> (recyclable) <sup>7</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |
| HP Production Matte Poster Paper, 3-in Core (FSC® certified) <sup>6</sup> (recyclable) <sup>7</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |
| HP Production Satin Poster Paper, 3-in Core (FSC® certified) <sup>6</sup> (recyclable) <sup>7</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                  |
| HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified) <sup>6</sup> (recyclable) <sup>7</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |
| HP Matte Polypropylene, 3-in Core                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                  |
| For the entire HP Large Format Printing Materials portfolio, please see <a href="http://HPLFMedia.com">HPLFMedia.com</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                  |
| HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a>                                                                                                                                                                                                                                                                                                                                                      |                                                  |

## Specification Footnotes

<sup>1</sup> ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23°C, 50-60% relative humidity, on A0 printing material in Best or Normal mode with HP Matte Polypropylene and HP PageWide XL pigment ink.

<sup>2</sup> 420 mm supported only in boards.

<sup>3</sup> Longer lengths may be supported depending on the accessories installed.

<sup>4</sup> A3 supported only in boards.

<sup>5</sup> Scanned at 200 dpi. PDF scanning available on PostScript models only.

<sup>6</sup> 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>.

<sup>7</sup> Can be recycled through commonly available recycling programs.

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