

# HP PageWide XL 5200 40-in Printer

Gain efficiency with fast, easy, and cost-effective production



\*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.<sup>1</sup>
- Reliable technical prints with HP PageWide XL pigment inks—vivid color, crisp lines, fine detail beat LED.<sup>2</sup>
- Gain productivity—one device delivers mixed sizes/paper types in 50% of the time, no mono/color collating.<sup>3</sup>

## Enhanced workflows, added efficiency and security

- The market's largest 15-inch touchscreen<sup>4</sup> 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.
- Protect your network with world class printer protection with HP Wolf Pro Security—control printer access, create security settings.

## Help cut production costs up to 30%<sup>6</sup>

- Print in monochrome and color with a single HP-branded solution.
- Gain broad control over your printing costs with HP SmartTracker software.
- Up to 10 times lower energy consumption than comparable LED printers.<sup>7</sup>
- Eco-Carton replaces plastic cartridge—80% reduction in plastic and 66% CO2e reduction<sup>8</sup>, free take back.<sup>9</sup>

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 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.

<sup>2</sup> 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 Océ 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.

<sup>3</sup> 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.

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> 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 10,500 m<sup>2</sup>/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.

<sup>7</sup> 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.

<sup>8</sup> CO2e 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.

<sup>9</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/pagewidexl5200>



Datasheet

# Technical specifications

|                                 |   |
|---------------------------------|---|
| <b>Print</b>                    |   |
| Description                     | Large-format color MFP or printer   |
| Warm-up time                    | No warm up  |
| First page out                  | 20 sec (from USB)   |
| Technical documents (from roll) | Up to 1100 ANSI D pages/hr, 20 ANSI D pages/min; Up to 603 ANSI E pages/hr, 11 ANSI E pages/min                                   |
| Maximum print speed             | 50 ft/min   |
| 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   | 1 L   |
| 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% <sup>1</sup>  |
| Minimum line width              | 0.0008 in (HP-GL/2 addressable)   |
| <b>Media</b>                    |   |
| Applications                    | Line drawings; Maps; Orthophotos; Posters   |
| Media rolls                     | 2 rolls default with auto-switching, expandable to 4 rolls  |
| Roll size                       | 11 to 40 in   |
| Roll length                     | Up to 650 ft  |
| Maximum roll diameter           | Up to 7 in  |
| Roll core diameter              | 3 in  |
| Media weights by paper path     | 19 to 53 lb   |
| Media Weight Recommended        |   |
| Thickness                       |   |
| Media types                     | Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film  |
| Media output (standard)         | Basket  |
| Media output (optional)         | Top stacker (up to 100-page capacity), high-capacity stacker (up to 500-page capacity), online folder                             |
| <b>Embedded controller</b>      |   |

## Ordering information

|                    |  |
|--------------------|--|
| <b>Product</b>     |  |
| 4VW16A             | HP PageWide XL 5200 40-in Printer  |
| <b>Accessories</b> |  |
| 2NH46AAE           | HP SmartStream Document Organizer Module                                       |
| 2NH47AAE           | HP SmartStream Pixel Analysis Module   |
| 5EK00A             | HP HD Pro 2 42-in Scanner  |
| 5EK01A             | HP SD Pro 2 44-in Scanner  |
| 8SB02A             | HP PageWide XL Drawer  |
| 8SF70A             | HP F70 Folder  |
| 8SW00A             | HP SmartStream USB Preflight Manager   |
| 8SW00AAE           | HP SmartStream 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                     |
| 8SW22A             | HP Click USB for HP PageWide XL 5000 Printer series                            |

|                        |  |
|------------------------|--|
| 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, 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 PageWide XL print drivers (PDF, HP-GL/2, and PCL3) |

### Dimensions (W x D x H)

|          |                       |
|----------|-----------------------|
| Product  | 77 x 30.9 x 55.7 in   |
| Shipping | 88.9 x 40.9 x 62.1 in |

### Weight

|          |         |
|----------|---------|
| Product  | 842 lb  |
| Shipping | 1137 lb |

### Environmental ranges

|                       |                                       |
|-----------------------|---------------------------------------|
| Operating temperature | 41 to 104°F                           |
| 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  |

### Original HP printing supplies

|        |  |
|--------|--|
| 3ED91A | HP 867 1-liter Magenta PageWide XL Ink Cartridge |
| 3ED92A | HP 867 1-liter Yellow PageWide XL Ink Cartridge  |
| 3ED93A | HP 867 1-liter Cyan PageWide XL Ink Cartridge    |
| 3ED94A | HP 866 1-liter 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)<sup>2</sup> (recyclable)<sup>3</sup>  
HP Production Matte Poster Paper, 3-in Core (FSC® certified)<sup>2</sup> (recyclable)<sup>3</sup>  
HP Production Satin Poster Paper, 3-in Core (FSC® certified)<sup>2</sup> (recyclable)<sup>3</sup>  
HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)<sup>2</sup> (recyclable)<sup>3</sup>  
HP Matte Polypropylene, 3-in Core  
For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](http://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

<sup>1</sup> ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Matte Polypropylene and HP PageWide XL pigment ink.  
<sup>2</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>3</sup> Can be recycled through commonly available recycling programs.

