



# HP PageWide XL 4200 40-in Multifunction Printer with Top Stacker

Fast, seamless printing experience with the ultimate security<sup>1</sup>



## Fast mono and color print, keep cost under control

- Don't waste time waiting on prints—high-productivity monochrome and color speeds up to 10 D/A1 pages/min.<sup>2</sup>
- Excellent technical prints with HP PageWide XL pigment inks—vivid color, crisp lines, fine detail beat LED.<sup>3</sup>
- Save with low running costs in mono and color<sup>4</sup> and with up to 10 times lower energy consumption.<sup>5</sup>
- Eco-Carton replaces plastic cartridge—80% reduction in plastic and 66% CO<sub>2</sub>e reduction<sup>6</sup>, free take back.<sup>7</sup>

## Enhanced print/scan/copy for extreme simplicity<sup>8</sup>

- Easy printing and workflow efficiency with HP Click, HP SmartStream software; HP SmartTracker cost control.
- The market's largest 15-inch touchscreen<sup>9</sup> makes it easy to operate from the front and the back.
- Scan on the fly, gain agile digitalization with live scan preview and contextual post-edit capabilities.<sup>8</sup>
- Easy collaboration—access personal/network group folders at touchscreen; print, save, and share right away.

## World's most secure large-format printer<sup>1</sup>

- Best network protection with HP Connection Inspector dynamic security, HP Secure Boot, and Whitelisting.<sup>1</sup>
- Keep your fleet secure and set security preferences—any time—with HP Jet Advantage Security Manager software.
- Control who accesses the printer and its confidential documents with secure user authentication.

For more information, please visit <http://www.hp.com/go/pagewidexl4200>

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>

<sup>1</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>2</sup> The HP PageWide XL 4200 Printer series delivers 10 CAD output D/A1 prints in 1 minute. Number of pages will vary depending on the print mode and application printed.

<sup>3</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 0cc 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>4</sup> Calculation based on total cost of ownership comparison of comparable competitive printer, considering average printhead life. Results show maintenance costs reduced by 50% when printing technical drawings. Analysis period of 5 years and assuming a production of 1000 m<sup>2</sup>/month with a printing category distribution of: 80% lines, 20% high-density images. Testing commissioned by HP and performed by Sogeti in September, 2020.

<sup>5</sup> Based on tests performed internally by HP based on ISO 20590 and performed in September, 2020. Comparable printers using LED technology based on LED printers capable of printing 4-6 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>6</sup> Based on 1-liter cartridge, figures might be slightly different for 500-ml cartridge. CO<sub>2</sub>e 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>7</sup> For take-back of ink bag/printheads/prints, 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.

<sup>8</sup> Multifunction capabilities are available on the HP PageWide XL 4200 Multifunction Printer only.

<sup>9</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.

Technical specifications

| General                         |   |
|---------------------------------|---|
| Description                     | Large-format color MFP  |
| Technology                      | HP PageWide Technology  |
| Applications                    | Line drawings; Maps; Orthophotos; Posters   |
| Ink types                       | Pigment-based (C, M, Y, K)  |
| Ink cartridges                  | 4 (C, M, Y, K)  |
| Cartridge size                  | 500 ml  |
| 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   |
| Print resolution                | 1200 x 1200 dpi   |
| Minimum line width              | 0.02 mm (HP-GL/2 addressable)   |
| Line accuracy                   | ±0.1% <sup>1</sup>  |
| Print speed                     |   |
| Technical documents (from roll) | Up to 550 A1 pages/hr, 10 A1 pages/min (800 A1 pages/hr, 15 A1 pages/min with optional speed upgrade)   |
| Warm-up time                    | No warm up  |
| First page out                  | 22 sec (from 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  |
| Grammage                        | 70 to 200 g/m <sup>2</sup>  |
| Media thickness                 | Up to 0.4 mm  |
| Media types                     | Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film  |
| Media output (standard)         | Top stacker (up to 100-page capacity)   |
| Media output (optional)         | High-capacity stacker (up to 500-page capacity), online folder (only compatible in conjunction with the optional accessory upgrade kit)   |
| Scanner                         |   |
| Description                     | 36-in (91-cm) CIS scanner   |
| Speed                           | Color: up to 15.24 cm/sec<br>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) <sup>2</sup>  |
| Scan format                     | JPEG, TIFF, multi-TIFF, PDF, PDF/A, multi-PDF, multi-PDFA (with PostScript/PDF upgrade)   |
| 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 Celeron   |
| Memory                          | 8 GB DDR4   |
| Hard drive                      | 1 x 500 GB HDD, 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, 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 1578 mm  |
| Weight                 |  |
| Printer                | 452 kg   |
| Shipping               | 621 kg   |
| Environmental          |  |
| Operating temperature  | 5 to 40°C  |
| Operating humidity     | 20 to 80% RH, depending on media type  |
| Acoustics              |  |
| Sound pressure         | ≤58 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep)   |
| Sound power            | ≤7.6 B(A) (operating), ≤5.5 B(A) (idle), ≤3.5 B(A) (sleep)   |
| Power                  |  |
| Consumption            | 0.27 kW (typical); 0.7 kW (max printing); 95 W (ready); <16 W (sleep)  |
| Requirements           | Input voltage (auto ranging) 100-127/200-240 V (±10%), 50/60 Hz (±3 Hz), 7/3.5 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  |  |
|--|--|
| 4VW13A   | HP PageWide XL 4200 40-in Multifunction Printer with Top Stacker           |
| 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                                       |
| 8SB06A   | HP PageWide XL 39x0/4x00 Accessory Upgrade Kit                             |
| 8SB07A   | HP PageWide XL PostScript/PDF Upgrade Kit                                  |
| 8SB08A   | HP PageWide XL 4x00 Speed Upgrade Kit                                      |
| 8SF40A   | HP F40 Folder  |
| 8SW00A   | HP SmartStream USB Preflight Manager                                       |
| 8SW03A   | HP SmartStream Print Controller USB for HP PageWide XL 4000 Printer series |
| 8SW03AAE   | HP SmartStream Print Controller for HP PageWide XL 4000 Printer series     |
| 8SW13A   | HP SmartTracker USB for HP PageWide XL 4000 Printer series                 |
| 8SW13AAE   | HP SmartTracker for HP PageWide XL 4000 Printer series                     |
| 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   |
| Original HP large format printing materials  |  |
| HP Universal Bond Paper, 3-in Core (FSC® certified) <sup>3</sup> (recyclable) <sup>4</sup>               |  |
| HP Production Matte Poster Paper, 3-in Core (FSC® certified) <sup>3</sup> (recyclable) <sup>4</sup>      |  |
| HP Production Satin Poster Paper, 3-in Core (FSC® certified) <sup>3</sup> (recyclable) <sup>4</sup>      |  |
| HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified) <sup>3</sup> (recyclable) <sup>4</sup> |  |
| HP Matte Polypropylene, 3-in Core  |  |
| For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.                   |  |

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

<sup>3</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>4</sup> Can be recycled through commonly available recycling programs.

