



# HP PageWide XL Pro 8200 40-in Multifunction Printer

Grow into new short-term applications with the fastest large-format printer<sup>1</sup>



## Fastest response to meet the tightest deadlines<sup>1</sup>

- Respond immediately with the fastest large-format printer<sup>1</sup> with print speeds up to 30 D/A1 pages/minute.<sup>2</sup>
- Offer a combination of technical prints and short-term retail posters, and meet the different demands quickly.
- Deliver full projects 3X faster by printing mixed outputs of both CAD drawings and presentation boards.<sup>3</sup>
- Start printing in 50% of the time<sup>4</sup> with an ultra-fast processor, native PDF management, and HP SmartStream.

## Grow—print poster applications, now on boards

- Gain the ability to print on boards, cardstock, and paper from A2 to B1, and thickness up to 3/8 in (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>5</sup>
- Use responsibly sourced FSC®-certified papers, make recyclable prints, enjoy water-based HP pigment inks.<sup>6</sup>

## Help boost profits and security—compelling end-to-end solution

- Enjoy low running costs for both CAD drawings and posters with 3-liter Original HP Eco-Carton ink cartridges.
- Free up operator time with a versatile stacker, inline folders, auto-switch, and up to 6 rolls.
- Accept new orders and at the same time, reduce manual work—save up to 50% preparation and finishing costs.<sup>7</sup>
- Save further with up to 10X lower energy consumption than comparable LED printers.<sup>8</sup>
- World class printer protection with HP Wolf Pro Security.

For more information, please visit <http://www.hp.com/go/pagewidexlpro8200>

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 testing commissioned by HP and performed by Sogeti in October, 2020. Fastest compared to alternatives for large-format printing of technical documents, GIS maps, and point-of-sale (POS) posters under \$200,000 USD as of October, 2020. Fastest response compared to the HP PageWide XL Pro 5200 Multifunction Printer.

<sup>2</sup> The HP PageWide XL Pro 8200 Multifunction Printer delivers 30 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 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>4</sup> Based on testing commissioned by HP and performed by Sogeti in September, 2020 comparing select competitor printers that represent the majority market share of LED printers worldwide as of 2019 according to IDC, and software to HP SmartStream software, measuring the time required to extract pages from a 63-page document and print them using several printers compared with using equivalent software programs.

<sup>5</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>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. 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/ecsolutions> for details.

<sup>7</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>8</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 16-22 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.

Technical specifications

| General                                |   |
|--|---|
| Description                            | Large-format color MFP  |
| Technology                             | HP PageWide Technology  |
| Applications                           | Line drawings; Maps; Orthophotos; Posters; Double-sided posters; Presentation boards; Wrapping paper  |
| Ink types                              | Pigment-based (C, M, Y, K)  |
| Ink cartridges                         | 4 (C, M, Y, K)  |
| Cartridge size                         | 3 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   |
| Print resolution                       | 1 200 x 1 200 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 1 500 A1 pages/hr, 30 A1 pages/min<br>Up to 800 A0 pages/hr, 18 A0 pages/min  |
| Poster full coverage (from roll)       | Up to 500 m²/hr, 700 B1 pages/hr, 15 B1 pages/min   |
| Poster full coverage (from input tray) | Up to 100 m²/hr, 3 B1 pages/min   |
| Maximum print speed                    | 23 m/min  |
| Warm-up time                           | No warm up  |
| First page out                         | 18 sec (from roll and USB), 50 sec (from input tray and USB)  |
| Media                                  |   |
| Media rolls                            | 2 rolls default with auto-switching, expandable to 6 rolls  |
| Roll size                              | 279 to 1 016 mm   |
| Maximum roll diameter                  | Up to 177 mm  |
| Roll core diameter                     | 7.6 cm  |
| Sheet/board size                       | 297 to 1 020 mm (width), 450 <sup>2</sup> to 765 <sup>3</sup> mm (length)   |
| Standard sheets/boards                 | SRA3 <sup>4</sup> , A2, A1, B2, B1  |
| Grammage                               | 70 to 200 g/m² (roll); 80 to 1 050 g/m² (sheet/board)   |
| Media 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   |
| 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                     | 1 200 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>5</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 Core i5   |
| Memory                                 | 16 GB DDR4  |
| Hard drive                             | 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   |
| 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 1 637 mm  |
| Shipping               | 2257 x 1 040 x 1 595 mm  |
| Weight                 |  |
| Printer                | 527 kg   |
| Shipping               | 655 kg   |
| Environmental          |  |
| Operating temperature  | 5 to 40°C  |
| Operating humidity     | 20 to 80% RH, depending on media type  |
| Acoustics              |  |
| Sound pressure         | ≤60 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep)   |
| Sound power            | ≤7.8 B(A) (operating), ≤5.5 B(A) (idle), ≤3.5 B(A) (sleep)   |
| Power                  |  |
| Consumption            | 0.37 kW (typical); 1.2 kW (max printing); 120 W (ready); <16 W (sleep)   |
| Requirements           | Input voltage (auto ranging) 200-240 V (±10%), 50/60 Hz (±3 Hz), 8 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  |   |
|--|---|
| 4VW20A   | HP PageWide XL Pro 8200 40-in Multifunction Printer                               |
| Accessories  |   |
| 85B02A   | HP PageWide XL Drawer   |
| 85B04A   | HP PageWide XL Pro Stacker  |
| 85B05A   | HP PageWide XL Pro Sheet Feeder   |
| 85B07A   | HP PageWide XL PostScript/PDF Upgrade Kit   |
| 85B09A   | HP PageWide XL Folder Upgrade Kit for Long Plots                                  |
| 85F70A   | HP F70 Folder   |
| 85W00A   | HP SmartStream USB Preflight Manager  |
| 85W00AAE   | HP SmartStream Preflight Manager  |
| 85W05A   | HP SmartStream Print Controller USB for HP PageWide XL Pro 5/8000 Printer series  |
| 85W05AAE   | HP SmartStream Print Controller for HP PageWide XL Pro 5/8000 Printer series      |
| 85W07A   | HP SmartStream Print Controller USB Upgrade for HP PageWide XL Pro Printer series |
| 85W07AAE   | HP SmartStream Print Controller Upgrade for HP PageWide XL Pro Printer series     |
| CZ320B   | HP PageWide XL Top Stacker  |
| Original HP printing supplies  |   |
| 3EE00A   | HP 869B 3-liter Magenta PageWide XL Pro Ink Cartridge                             |
| 3EE01A   | HP 869B 3-liter Yellow PageWide XL Pro Ink Cartridge                              |
| 3EE02A   | HP 869B 3-liter Cyan PageWide XL Pro Ink Cartridge                                |
| 3EE03A   | HP 869B 3-liter Black PageWide XL Pro 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                                  |
| 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 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> 420 mm (16.5 in) supported only in boards.  
<sup>3</sup> Longer lengths may be supported depending on the accessories installed.  
<sup>4</sup> A3 (Arch B and ANSI B) 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.

