



HP PageWide XL 8200 40-in Printer

High efficiency—the fastest large format printing¹ and cost-efficient production workflow



React immediately, and meet the tightest deadlines

- Respond immediately with the fastest large-format printer¹—up to 30 A1 pgs/min²—end-to-end productivity.
- Reliable technical prints with HP PageWide XL pigment inks—vivid colour, crisp lines, fine detail beat LED.³
- Gain productivity—one device delivers mixed sizes/paper types in 50% of the time, no mono/colour collating.⁴
- Start printing in 50% of the time⁵ with an ultra-fast processor, native PDF management, and HP SmartStream.

Boost efficiency, enhanced workflows and security

- The market's largest 15-inch touchscreen⁶ makes it easy to operate from the front and the back.
- Avoid errors and reduce reprints by automatically detecting hidden layers before printing with HP SmartStream.
- Save preparation and finishing time by managing folder styles and adding job separators with HP SmartStream.
- Protect your network with the world's most secure printer⁷—control printer access, create security settings.

Full end-to-end solution, up to 50% less costs⁸

- Free up operator time with a high-capacity stacker, inline folders, auto-switch, and up to 6 rolls.
- Print monochrome and color technical documents at the same or lower cost than comparable LED printers.⁸
- Up to 10 times lower energy consumption than comparable LED printers.⁹
- Eco-Carton replaces plastic cartridge—80% reduction in plastic and 66% CO₂e reduction¹⁰, free take back.¹¹

For more information, please visit <http://www.hp.com/go/pagewidexl8200>

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>

¹ 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.
² The HP PageWide XL 8200 Printer delivers 30 CAD output 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 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.
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 testing commissioned by HP and performed by Sogeti in September, 2020. Test 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.
⁶ 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.
⁷ 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.
⁸ 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 5 years and assuming a production of 10,000 m²/month with a printing category distribution of 50% colour lines and 50% black and white lines on the HP PageWide XL 8200 Printer vs. printing colour lines plots on a comparable competitive printer and black and white plots on a comparable competitive printer. Based on testing commissioned by HP and performed by Sogeti in September, 2020.
⁹ 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 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.
¹⁰ 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.
¹¹ 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.

Technical specifications

| General | |
|---------------------------------|--|
| Description | Large-format colour printer |
| 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 | 1 L |
| Printheads | 8 (C, M, Y, K) |
| Average printhead life | 32 L |
| Printhead warranty | 12 months from the date of installation, or 10L, 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% ¹ |
| Print speed | |
| Technical documents (from roll) | Up to 1500 A1 pages/hr; 30 A1 pages/min Up to 800 A0 pages/hr; 18 A0 pages/min |
| Maximum print speed | 23 m/min |
| Warm-up time | No warm up |
| First page out | 18 sec (from USB) |
| Media | |
| Media rolls | 2 rolls default with auto-switching, expandable to 6 rolls |
| Roll size | 279 to 1016 mm |
| Roll diameter | Up to 177 mm |
| Roll core diameter | 7.6 cm |
| Grammage | 70 to 200 g/m ² |
| Media thickness | Up to 0.4 mm |
| Media types | Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film |
| Media output (standard) | Basket |
| Media output (optional) | Top staker (up to 100-page capacity), high-capacity staker (up to 500-page capacity), online folder |
| 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 PCL 3), 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 1637 mm |
| Shipping | 2257 x 1040 x 1578 mm |
| Weight | |
| Printer | 448 kg |
| Shipping | 577 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), 8A |
| 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 | |
|-------------------------------|--|
| 4VW18A | HP PageWide XL 8200 40-in Printer |
| Accessories | |
| 2NH46AAE | HP SmartStream Document Organizer Module |
| 2NH47AAE | HP SmartStream Pixel Analysis Module |
| 5EK00A | HP HD Pro 2.42-in Scanner |
| 6LJA02AAE | HP SmartStream Workflow Management Module |
| 8S802A | HP PageWide XL Drawer |
| 8S803A | HP PageWide XL High-capacity Stacker |
| 8S807A | HP PageWide XL PostScript/PDF Upgrade Kit |
| 8S809A | HP PageWide XL Folder Upgrade Kit for Long Plots |
| 8SF61A | HP F60 Folder with Tab Applicator |
| 8SF70A | HP F70 Folder |
| 8SF71A | HP F70 Folder with Tab Applicator |
| 8SW00AAE | HP SmartStream Preflight Manager |
| 8SW04AAE | HP SmartStream Print Controller 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 |
| 6G450B | HP SD Pro 44-in Scanner |
| Original HP printing supplies | |
| 31222A | HP 878 1-liter Cyan PageWide XL Ink Cartridge |
| 31223A | HP 878 1-liter Magenta PageWide XL Ink Cartridge |
| 31224A | HP 878 1-liter Yellow PageWide XL Ink Cartridge |
| 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 |
| 3WV73A | HP 874/876 PageWide XL Cleaning Container |
| 3WV99A | HP 841/874/876 PageWide XL Maintenance Cartridge |
| C1Q19A | HP 841/874 PageWide XL Printhead |
| F9K42A | HP 868 1-liter Black PageWide XL Ink Cartridge |

| Original HP large format printing materials | |
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| HP Universal Bond Paper, 3-in Core (FSC® certified) ² (recyclable) ³ | |
| HP Production Matte Poster Paper, 3-in Core (FSC® certified) ² (recyclable) ³ | |
| HP Production Satin Poster Paper, 3-in Core (FSC® certified) ² (recyclable) ³ | |
| HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified) ² (recyclable) ³ | |
| HP Matte Polypropylene, 3-in Core | |

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

¹ ±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.
² 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>.
³ Can be recycled through commonly available recycling programs.

