



HP PageWide XL 5200 Printer series

Gain efficiency with fast, easy, and cost-effective print/scan/copy production¹



Instant delivery of mono and color printouts

- Respond to your customers' requests right away with print speeds up to 20 D/A1 pages/minute.²
- Reliable technical prints with HP PageWide XL pigment inks—vivid color, crisp lines, fine detail beat LED.³
- Gain productivity—one device delivers mixed sizes/paper types in 50% of the time, no mono/color collating.⁴

Enhanced workflows, added efficiency and security

- The market's largest 15-inch touchscreen⁵ 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.
- Scan on the fly, gain agile digitalization with live scan preview and contextual post-edit capabilities.¹
- Protect your network with the world's most secure printer⁶—control printer access, create security settings.

Help cut production costs up to 30%⁷

- Print, scan, and copy in monochrome and color with a single HP-branded solution.¹
- Gain broad control over your printing costs with HP SmartTracker software.
- Up to 10 times lower energy consumption than comparable LED printers.⁸
- Eco-Carton replaces plastic cartridge—80% reduction in plastic and 66% CO₂e reduction⁹, free take back.¹⁰

For more information, please visit <http://www.hp.com/go/pagewidexl5200>

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 Multifunction capabilities are available on the HP PageWide XL 5200 Multifunction Printer only.

² 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.

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 15 mm of line. On vertical 1px CMYK 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 and UV-gel printers worldwide as of 2019 according to IDC. Comparison matrix and further details available upon request.

⁵ 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.

⁶ 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.

⁷ 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 3,000 m²/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.

⁸ 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.

⁹ 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 4,78,692 smartphones charged.

¹⁰ 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 Partner 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 color MFP or 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 | 500 ml (C, M, Y, K) |
| Printheads | 8 (C, M, Y, K) |
| Average printhead life | 32L |
| 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% ¹ |
| Print speed | |
| Technical documents (from roll) | Up to 1100 A1 pages/hr, 20 A1 pages/min Up to 603 A0 pages/hr, 11 A0 pages/min |
| Maximum print speed | 15 m/min |
| Warm-up time | No warm-up |
| First page out | 20 sec (from USB) |
| Media | |
| Media rolls | 2 rolls default with auto-switching, expandable to 4 rolls |
| Roll size | 279 to 1016 mm |
| Roll diameter | Up to 177 mm |
| Roll core diameter | 7.6 cm |
| Grammage | 70 to 200 g/m² |
| Media thickness | Up to 0.4 mm |
| Media types | Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film |
| Media output (standard) | Varies by model top stacker (up to 100-page capacity), high-capacity stacker (up to 500-page capacity), basket |
| Media output (optional) | Varies by model top stacker (up to 100-page capacity), high-capacity stacker (up to 500-page capacity), online folder |
| Scanner | |
| Description | 36-in (91-cm) CIS scanner |
| Speed | Color: up to 15.24 cm/sec 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) ² |
| 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 i3 |
| Memory | 16 GB DDR4 |
| Hard drive | 1x 128 GB SSD, 1x 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 PartnerLink, 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 (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 1414 mm |
| Shipping | 2257 x 1040 x 1578 mm |
| Weight | |
| Printer | Printer: 382 kg; MFP: 412 kg |
| Shipping | Printer: 516 kg; MFP: 541 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 | 0.29 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+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 | |
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| 4VW16A | HP PageWide XL 5200 40-in Printer |
| 4VW17A | HP PageWide XL 5200 40-in Multifunction Printer |
| Accessories | |
| 5EK00A | HP HD Pro 242-in Scanner |
| 5EK01A | HP SD Pro 244-in Scanner |
| 8SB01A | HP PageWide XL Dryer |
| 8SB02A | HP PageWide XL Drawer |
| 8SB03A | HP PageWide XL High-capacity Stacker |
| 8SB07A | HP PageWide XL PostScript/PDF Upgrade Kit |
| 8SB09A | HP PageWide XL Folder Upgrade Kit for Long Plots |
| 8SF70A | HP F70 Folder |
| 8SW00A | HP SmartStream USB Pre-flight 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 |
| CZ320B | HP PageWide XL Top Stacker |
| 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) ³ (recyclable) ⁴ | |
| HP Production Matte Poster Paper, 3-in Core (FSC® certified) ³ (recyclable) ⁴ | |
| HP Production Satin Poster Paper, 3-in Core (FSC® certified) ³ (recyclable) ⁴ | |
| HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified) ³ (recyclable) ⁴ | |
| 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 at ±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.
² Scanned at 200 dpi. PDF scanning available on PostScript models only.
³ 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>.
⁴ Can be recycled through commonly available recycling programs.

