HP PageWide XL 5200 Printer series



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



*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.²
- Reliable technical prints with HP PageWide XL pigment inks-vivid color, crisp lines, fine detail beat LED.
- 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
- World-class printer protection with HP Wolf Pro Security - stay ahead of evolving security threats.

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.
- Eco-Carton replaces plastic cartridge-80% reduction in plastic and 66% CÖ2e reduction⁹, free take back.¹⁰

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

Multifunction capabilities are available on the HP PaaeWide 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 1.5 mm of line. On vertical 1 px C,M,Y,K lines. Printed on Oce 75 g plain paper

*Bosed on testing commissioned by HP and performed by Soget in September, 2020. Fine detail absed on the number of line breaks found in 1.3 mm of line. On vertical 1 px C,M,Y,K lines, Printed on Oce 73 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.

*Bosed 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.

*Bosed 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 Lived printers worldwide as of 2019 according to IDC.

majority market share of LED and UV-gel printers worldwide as of 2019 according to IDC.

Based on comparison of published security specifications commissioned by HP and performed by Sogett 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.

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 Sogett in and assuming a production of 3,000 Int-friorital wild a printing category a distribution of 1,705 limes, 2000. We denote the production of 3,000 Int-friorital wild a printing category and bottom of 1,705 limes, 2000. The category and actions of 1,705 limes, 2000. The category and 2000 limes, 2000 limes

driven by an average passenger vehicle or 4,718,692 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 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



















Technical specifications

Description	Large-format color MFP or printer
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)
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 delivered	500 ml (C, M, Y, K)
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 Warrante Ends date printed on the packaging, whichever comes first
Line accuracy	±0.1% ¹
Minimum line width	0.02 mm (HP-GL/2 addressable)
Scan and copy	
Linear scan speed	Color: up to 15.24 cm/sec; Grayscale: up to 25.4 cm/sec
Scan resolution	1200 dpi
Technology	36-in (91-cm) CIS scanner
Scan format	JPEG, TIFF, multi-TIFF, PDF, PDFA, multi-PDF, multi-PDFA (with PostScript/PDF upgrade)
Scan destinations	Printer storage, USB drive, network folder (SMB), My home folder, scan to email, scan to HP SmartStream software
Maximum scan width	Up to 914 mm
Maximum scan length	50 m (PDF), 12 m (TIFF), 8 m (JPEG) ²
Maximum copy length	9.5 m
Original thickness	0.26 mm
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)
Media	
Applications	Line drawings; Maps; Orthophotos; Posters
Rolls	Media rolls: 2 rolls default with auto-switching, expandable to 4 rolls Roll size: 279 to 1016 mm; Roll length: Up to 200 m; Maximum roll diameter: Up to 177 mm; Roll core diameter: 7.6 cm
Recommended Grammage	70 to 200 g/m²
Grammage	70 to 200 g/m ²
Thickness	Up to 0.4 mm
Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film

Media output (optional)	Media output (standard)	Varies by model: top stacker (up to 100-page capacity), high-capacity stacker (up to 500-page capacity), basket
User interface 15.6-inch (396-mm) TFT (LED blacklight) 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 Print languages (optional) Adobe PostScript 3, Adobe PDF 1.7 (with PostScript/PDF upgrade) HP Partner Link, HP Embedded Web Server, HP Web Jetadmin, PrintOS Connectivity Interfaces Gigabit Ethernet (1000Base-T), USB 2.0 host HP SmartStream software (optional), HP Click printing software (optional), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple Air Print Dimensions (W x D x H) Product 1955 x 785 x 1414 mm Shipping 2257 x 1040 x 1578 mm Weight Product Printer: 382 kg: MFP: 412 kg Shipping Printer: 516 kg: MFP: 541 kg Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH, depending on media type Acoustics Sound pressure Printing: ≤0 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep) Power Consumption 0.29 kW (typical): 0.9 kW (max printing): 100 W (ready), <18 W (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 Electromagnetic Electromagnetic Environmental ENERGY STAR, EPA TRegistered, UL 2801 ECOLOGO, CE marking (including ReHs, Weer, Rep. Applied, Vietnam, Turkey, Serbia, and Ukraine	Media output (optional)	
Processor Intel Core i3 Memory I6 GB DDR4 Hard disk Ix 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, Print OS Connectivity Interfaces Gigabit Ethernet (1000Base-T), USB 2.0 host HP SmartStream software (optional), HP Click printing software (optional), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple AirPrint Dimensions (W x D x H) Product 1955 x 785 x 1414 mm Shipping 2257 x 1040 x 1578 mm Weight Product Printer: 382 kg; MFP: 412 kg Shipping Printer: 516 kg; MFP: 541 kg Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH, depending on media type Acoustics Sound pressure Printing: ≤7.8 B(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep) Power Consumption 029 kW (typical); 0.9 kW (max printing); 100 W (ready); <18 W (sleep) Power Consumption Q29 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 EC 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 Kazakhsuc (EAC); China (CCC) Congiliant with Class A requirements, including uSA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCO), Korea (KC) Environmental Environmental Environmental Environmental Environmental in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine	Embedded controller	
Memory 16 GB DDR4	User interface	
Hard disk 1 x 128 GB SSD, 1 x 500 GB HDD, both self-encrypted with AES-256 Native print languages 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 SmortStream software (optional), HP Click printing software (optional), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple Air Print Dimensions (W x D x H) Product 1955 x 785 x 1414 mm Shipping 2257 x 1040 x 1578 mm Welght Product Printer: 382 kg; MFP: 412 kg Shipping Printer: 516 kg; MFP: 541 kg Environmental ranges Operating temperature 5 to 40°C 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); USA (FCC rules), Canada (ICSA), Japan (VCC) (Korea (KC)), Korea (KC) Electromagnetic 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	Processor	Intel Core i3
Native print languages 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 (optional), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple Air Print Dimensions (W x D x H) Product 1955 x 785 x 1414 mm Shipping 2257 x 1040 x 1578 mm Weight Product Printer: 382 kg: MFP: 412 kg Shipping Printer: 516 kg: MFP: 541 kg Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH, depending on media type Acoustics Sound pressure Printing: ≤60 dB(A) (operating), ≤35 B(A) (idle), ≤20 dB(A) (sleep) Power Consumption 0.29 kW (typical): 0.9 kW (max printing): 100 W (ready); <18 W (sleep) Power Consumption Get 60950:1+A1+A2 and IEC 62368-1 2nd ed. compiliant; USA and Canada (CSA listed): Electromagnetic LEC 60950:1+A1+A2 and IEC 62368-1 2nd ed. compiliant; USA and Canada (CSA listed): EU (LVD and EN 60950-1 and 62368-1 compiliant; Russia, Belarus, and Kazakhsten (EAC): China (CCC) Electromagnetic Environmental ENERGY STAR, EPEAT Registered, UL 2801 ECOLOGO, CE marking (including ROHS, WEEE, REACH). In compiliance with WW ROHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine	Memory	16 GB DDR4
Print languages (optional) Remote management HP Partner Link, HP Embedded Web Server, HP Web Jetadmin, PrintOS Connectivity Interfaces Gigabit Ethernet (1000Base-T), USB 2.0 host HP SmartStream software (optional), HP Click printing software (optional), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple AirPrint Dimensions (W x D x H) Product 1955 x 785 x 1414 mm Shipping 2257 x 1040 x 1578 mm Weight Product Printer: 382 kg; MFP: 412 kg Shipping Printer: 516 kg: MFP: 541 kg Environmental ranges 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) 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 Elec 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); Russid, Belarus, and Kazakhstan (EAC); China (CCC) Electromagnetic 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	Hard disk	1 x 128 GB SSD, 1 x 500 GB HDD, both self-encrypted with AES-256
Remote management HP Partner Link, HP Embedded Web Server, HP Web Jetadmin, PrintOS Connectivity Interfaces Gigabit Ethernet (1000Base-T), USB 2.0 host HP SmartStream software (optional), HP Click printing software (optional), HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple AirPrint Dimensions (W x D x H) Product 1955 x 785 x 1414 mm Shipping 2257 x 1040 x 1578 mm Weight Product Printer: 382 kg; MFP: 412 kg Shipping Printer: 516 kg: MFP: 541 kg Environmental ranges Operating temperature 5 to 40°C 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 Inquirements Inquirements 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; Russid, Belarus, and Kazakhstan (EAC); China (CCC) Electromagnetic Compliant with Class A requirements, including: USA (FCC rules), Canada (ICSA), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCC), Korea (RCC) 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	Native print languages	HP-GL/2, TIFF, JPEG
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 Dimensions (W x D x H) Product 1955 x 785 x 1414 mm Shipping 2257 x 1040 x 1578 mm Weight Product Printer: 382 kg; MFP: 412 kg Shipping Printer: 516 kg; MFP: 541 kg Environmental ranges Operating temperature 5 to 40°C 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), ≤35 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 (VCC), 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	Print languages (optional)	Adobe PostScript 3, Adobe PDF 1.7 (with PostScript/PDF upgrade)
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Operating temperature 5 to 40°C 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)		Printer: 516 kg; MFP: 541 kg
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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		Canada (CSA listed); EU (LVD and EN 60950-1 and 62368-1
(including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine	Electromagnetic	Canada (ICES), EU (EMC Directive), Australia and New Zealand
Warranty 90 days	Environmental	(including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam,
	Warranty	90 days

Ordering information

Product	
	HP PageWide XL 5200 Printer series
4VW16A	HP PageWide XL 5200 40-in Printer
4VW17A	HP PageWide XL 5200 40-in Multifunction Printer
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
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 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 8SW14AAE CZ320B	HP SmartTracker USB for HP PageWide XL 5/6/8000 Printer series HP SmartTracker for HP PageWide XL 5/6/8000 Printer series HP PageWide XL Top Stacker

HP 865B 500-ml Magenta PageWide XL Ink Cartridge HP 865B 500-ml Yellow PageWide XL Ink Cartridge HP 865B 500-ml Cyan PageWide XL Ink Cartridge HP 864B 500-ml Black PageWide XL Ink Cartridge HP 874/876 PageWide XL Cleaning Container HP 844/874/876 PageWide XL Maintenance Cartridge HP 841/874 PageWide XL Printhead 1XA67A 1XA68A 1XA69A 1XA70A 1XA70A 3WW73A 3WW99A C1Q19A

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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

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Specification Footnotes

Original HP printing supplies

- 1±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.

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

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