HP PageWide XL 8200 40-in Printer with High-capacity Stacker

High efficiency—the fastest large format printing[1] and cost-efficient production workflow

React immediately, and meet the tightest deadlines

- Respond immediately with the fastest large-format printer[1]—up to 30 D/A1 pgs/min[2]—end-to-end productivity.
- 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]
- Start printing in 50% of the time[5] with an ultra-fast processor, native PDF management, and HP SmartStream.

Boost efficiency, enhanced workflows and security

- The market's largest 15-inch touchscreen[6] 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 printer[7]—control printer access, create security settings.

Full end-to-end solution, up to 50% less costs[8]

- 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% CO_2e reduction[10], 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

Technical specifications

General

Description	Large-format color 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 10 L, or until the Warranty Ends date printed on the packaging, whichever comes first
Print resolution	1200 x 1200 dpi
Minimum line width	0.0008 in (HP-GL/2 addressable)
Line accuracy	±0.1%[1]

Print speed

Technical documents (from roll)	Up to 1500 ANSI D pages/hr, 30 ANSI D pages/min Up to 800 ANSI E pages/hr, 18 ANSI E pages/min
Maximum print speed	75 ft/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	11 to 40 in
Roll diameter	Up to 7 in
Roll core diameter	3 in
Grammage	19 to 53 lb
Media thickness	Up to 15.7 mil
Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film
Media output (standard)	High-capacity stacker (up to 500-page capacity), basket
Media output (optional)	Top stacker (up to 100-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, Adobe PostScript 3, Adobe PDF 1.7
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 blacklight) 16:9-format HD capacitive touchscreen

Dimensions (W x D x H)

Printer	Standard: 77 x 30.9 x 64.4 in; With high-capacity stacker: 77 x 80.3 x 64.4 in
Shipping	88.9 x 40.9 x 62.1 in

Weight

Printer	1274 lb
Shipping	1625 lb

Environmental

Operating temperature	41 to 104°F
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

4VW18B	HP PageWide XL 8200 40-in Printer with High-capacity Stacker

Accessories

2NH46AAE	HP SmartStream Document Organizer Module
2NH47AAE	HP SmartStream Pixel Analysis Module
5EK00A	HP HD Pro 2 42-in Scanner
8SB02A	HP PageWide XL Drawer
8SB09A	HP PageWide XL Folder Upgrade Kit for Long Plots
8SF70A	HP F70 Folder
8SW00A	HP SmartStream USB Preflight Manager
8SW00AAE	HP SmartStream 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	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

312Z2A	HP 878 1-liter Cyan PageWide XL Ink Cartridge
312Z3A	HP 878 1-liter Magenta PageWide XL Ink Cartridge
312Z4A	HP 878 1-liter Yellow 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
F9K42A	HP 868 1-liter Black PageWide XL Ink Cartridge

Original HP large format printing materials

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 (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] 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.