Datasheet

HP PageWide XL Pro 10000 40-in Printer

High-speed, cost-effective production printing of short-term posters on rolls, sheets, and boards

Maximum job turnaround time at breakthrough speed

- Respond immediately—help boost productivity with fast printing up to 700 m² or 1,000 B1 posters per hour.[1]
- Consolidate the capacity of your fleet into a single device that can efficiently print different sizes.
- Output is ready for finishing or delivery right away, with instant-dry prints on compatible substrates.

Highly cost-effective print production

- An affordable investment for retail poster production.
- Save your operator's time with the easy-to-maintain system and user-replaceable printheads.
- Get set up in less than 5 hours[2]—there are no special electrical/ventilation needs for this compact device.
- Keep fleet control on-site with the status beacon, remotely with HP PrintOS view into production and costs.[3]

Short-term posters on rolls, sheets, and boards

- End-to-end cut-sheet workflow with first HP large-format auto sheet feeder, versatile stacker.
- Fast large-format two-sided cut-sheet workflow with simple application instructions.
- Use a variety of sizes of paper, cardstock, and boards—from A2 up to B1, and thickness up to 10 mm.
- Use responsibly sourced FSC®-certified papers, make recyclable prints, enjoy water-based HP pigment inks.[4]

For more information, please visit http://www.hp.com/go/pagewidexlpro10000

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 colour printer
Technology	HP PageWide Technology
Applications	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	5 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	1200 x 1200 dpi

Print speed

Poster full coverage (from roll)	Fast: Up to 700 m²/hr, 1000 B1 pages/hr, 24 B1 pages/min Normal: Up to 400 m²/hr Best: Up to 300 m²/hr
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 1016 mm
Roll diameter	Up to 177 mm
Roll core diameter	7.6 cm
Sheet/board size	297 to 1020 mm (width), 450[1] to 765[2] mm (length)
Standard sheets/boards	SRA3[3], A2, A1, B2, B1
Grammage	70 to 200 g/m² (roll); 80 to 1050 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)	Pro stacker (500-page capacity)

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), 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 1595 mm

Weight

Printer	527 kg
Shipping	655 kg

Environmental

Operating temperature	5 to 40ºC
Operating humidity	20 to 80% RH, depending on media type

Acoustics

Sound pressure	≤60 dB(A) (operating), ≤38 dB(A) (idle), ≤20 dB(A) (sleep)
Sound power	≤7.8 B(A) (operating), ≤5.8 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

Warranty	90 days

Ordering information

Product

4VW21A	HP PageWide XL Pro 10000 40-in Printer

Accessories

2NH46AAE	HP SmartStream Document Organizer Module
2NH47AAE	HP SmartStream Pixel Analysis Module
5EK00A	HP HD Pro 2 42-in Scanner
6UA02AAE	HP SmartStream Workflow Management Module
6UA04AAE	HP SmartStream Ink Density Module
8SB02A	HP PageWide XL Drawer
8SB04A	HP PageWide XL Pro Stacker
8SB05A	HP PageWide XL Pro Sheet Feeder
8SB07A	HP PageWide XL PostScript/PDF Upgrade Kit
8SW00AAE	HP SmartStream Preflight Manager
8SW06AAE	HP SmartStream Print Controller for HP PageWide XL Pro 10000 Printer series
G6H50B	HP SD Pro 44-in Scanner

Original HP printing supplies

1XA91A	HP 870 5-liter Magenta PageWide XL Pro Ink Cartridge
1XA92A	HP 870 5-liter Yellow PageWide XL Pro Ink Cartridge
1XA93A	HP 870 5-liter Cyan PageWide XL Pro Ink Cartridge
1XA94A	HP 870 5-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)[4] (recyclable)[5]
HP Production Matte Poster Paper, 3-in Core (FSC® certified)[4] (recyclable)[5]
HP Production Satin Poster Paper, 3-in Core (FSC® certified)[4] (recyclable)[5]
HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[4] (recyclable)[5]
HP Matte Polypropylene, 3-in Core

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

[1] 16.5 in supported only in boards.
[2] Longer lengths may be supported depending on the accessories installed.
[3] A3 (Arch B and ANSI B) supported only in boards.
[4] 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.
[5] Can be recycled through commonly available recycling programs.