HP PageWide XL 4250 40-in Printer with Top Stacker

Fast, efficient printing experience with the ultimate security[1]

Fast mono and colour print, keep cost under control

- Don't waste time waiting on prints—high-productivity monochrome and colour speeds up to 12 A1 pages/min.[2]
- Excellent technical prints with HP PageWide XL pigment inks—vivid colour, crisp lines, fine detail beat LED.[3]
- Save with low running costs in mono and colour[4] and with up to 10 times lower energy consumption.[5]
- Eco-Carton replaces plastic cartridge—80% reduction in plastic and 66% C02e reduction[6], free take back.[7]

Extreme simplicity

- Easy printing and workflow efficiency with HP Click, HP SmartStream software, HP SmartTracker cost control.
- The market's largest 15-inch touchscreen[8] makes it easy to operate from the front and the back.
- Easy collaboration—access personal/network group folders at touchscreen; print, save, and share right away.

World class printer protection with HP Wolf Pro Security

- Best network protection with HP Connection Inspector dynamic security, HP Secure Boot, and Whitelisting.[1]
- Keep your fleet secure and set security preferences—any time—with HP Security Manager software.
- Control who accesses the printer and its confidential documents with secure user authentication.

For more information, please visit https://www.hp.com/go/pagewide-xl-4250

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	500 ml
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	0.02 mm (HP-GL/2 addressable)
Line accuracy	±0.1%[1]

Print speed

Technical documents (from roll)	Up to 650 A1 pages/hr, 12 A1 pages/min
Warm-up time	No warm up
First page out	22 sec (from USB)

Media

Media rolls	2 rolls default with auto-switching, expandable to 4 rolls
Roll size	279 to 1016 mm
Maximum 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)	Top stacker (up to 100-page capacity)
Media output (optional)	High-capacity stacker (up to 500-page capacity), online folder (only compatible in conjunction with the optional accessory upgrade kit)

Embedded controller

Processor	Intel Celeron
Memory	8 GB DDR4
Hard drive	500 GB HDD (AES-256 encrypted)
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 Click printing software, 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	1955 x 785 x 1414 mm
Shipping	2257 x 1040 x 1578 mm

Weight

Printer	442 kg
Shipping	596 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	0.27 kW (typical); 0.7 kW (max printing); 95 W (ready); <16 W (sleep)
Requirements	Input voltage (auto ranging) 100-127/200-240 V (±10%), 50/60 Hz (±3 Hz), 7/3.5 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 (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

86Z38A	HP PageWide XL 4250 40-in Printer with Top Stacker

Accessories

2NH46AAE	HP SmartStream Document Organizer Module
2NH47AAE	HP SmartStream Pixel Analysis Module
5EK00A	HP HD Pro 2 42-in Scanner
5EK01A	HP SD Pro 2 44-in Scanner
6UA02AAE	HP SmartStream Workflow Management Module
8SB02A	HP PageWide XL Drawer
8SB03A	HP PageWide XL High-capacity Stacker
8SB06A	HP PageWide XL 39x0/4x00 Accessory Upgrade Kit
8SB07A	HP PageWide XL PostScript/PDF Upgrade Kit
8SB08A	HP PageWide XL 4x00 Speed Upgrade Kit
8SB09A	HP PageWide XL Folder Upgrade Kit for Long Plots
8SF40A	HP F40 Folder
8SF61A	HP F60 Folder with Tab Applicator
8SW00A	HP SmartStream USB Preflight Manager
8SW00AAE	HP SmartStream Preflight Manager
8SW03A	HP SmartStream Print Controller USB for HP PageWide XL 4000 Printer series
8SW03AAE	HP SmartStream Print Controller for HP PageWide XL 4000 Printer series
8SW13A	HP SmartTracker USB for HP PageWide XL 4000 Printer series
8SW13AAE	HP SmartTracker for HP PageWide XL 4000 Printer series

Original HP printing supplies

3ED83A	HP 865 500-ml Magenta PageWide XL Ink Cartridge
3ED84A	HP 865 500-ml Yellow PageWide XL Ink Cartridge
3ED85A	HP 865 500-ml Cyan PageWide XL Ink Cartridge
3ED86A	HP 864 500-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)[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 23ºC (73ºF), 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.

gb-en June 2024