HP PageWide XL 4250 40-in Multifunction Printer with Top Stacker and 3-year Warranty (86Z39H)



Overview

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

Get high-productivity monochrome and color speeds up to 12 A1 pages/min[2], easy printing and workflow efficiency with HP software, and the best network protection with HP Connection Inspector dynamic security, HP Secure Boot, and Whitelisting.[1]

Fast mono and color print, keep cost under control

Don't waste time waiting on prints—high-productivity monochrome and color speeds up to 12 A1 pages/min.[2]

World class printer protection with HP Wolf Pro Security

Best network protection with HP Connection Inspector dynamic security, HP Secure Boot, and Whitelisting.[1]

Enhanced print/scan/copy for extreme simplicity

Easy printing and workflow efficiency with HP Click, HP SmartStream software, HP SmartTracker cost control.

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[1] Based on comparison of published security specifications commissioned by HP and performed by Sogeti in January, 2024. Comparison of the HP PageWide XL portfolio and competitors that represent the majority market share of LED and UV-gel printers worldwide as of 2023 according to IDC. Comparison matrix and further details available upon request.

[2] The HP PageWide XL 4250 Multifunction Printer delivers 12 CAD output D/A1 prints in 1 minute. Number of pages will vary depending on the print mode and application printed.

Specifications

Print quality color (best)	1200 x 1200 dpi
Scanner advanced 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)
Connectivity, standard	Gigabit Ethernet (1000Base-T), USB 2.0 host
Energy star certified	Yes
Scan file format	JPEG, TIFF, multi-TIFF, PDF, PDFA, multi-PDF, multi-PDFA (with PostScript/PDF upgrade)
Scan input modes	Printer storage, USB drive, network folder (SMB), My home folder, scan to email, scan to HP SmartStream software
Scanner type	36-in (91-cm) CIS scanner
Minimum dimensions (W x D x H)	1955 x 785 x 1414 mm
Minimum dimensions (W x D x H)	77 x 30.9 x 55.7 in
Weight	452 kg
Weight	996 lb
Power consumption	0.27 kW (typical); 0.7 kW (max printing); 95 W (ready); <16 W (sleep)
Environmental certification	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
Manufacturer Warranty	3 years

Additional specifications

Acoustic power emissions (active, printing)	≤7.8 B(A) (operating), ≤5.5 B(A) (idle), ≤3.5 B(A) (sleep)
Acoustic pressure emissions	≤60 dB(A) (operating), ≤36 dB(A) (idle), ≤20 dB(A) (sleep)
Average printhead life	32 L
Core size	7.6 cm
Core size	3 in
Datasheet photo 1	AHID/7f337e4923459c10e8f076be7f63499c3205e283
Description	Large-format color MFP
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KC)
First page out	22 sec (from USB)
Infrastructure management	HP Partner Link, HP Embedded Web Server, HP Web Jetadmin, PrintOS
Ink types	Pigment-based (C, M, Y, K)
Interface	15.6-inch (396-mm) TFT (LED blacklight) 16:9-format HD capacitive touchscreen
Internal Storage	500 GB HDD (AES-256 encrypted)
Line accuracy	±0.1%[1]
Linear scan speed	Color: up to 15.24 cm/sec; Grayscale: up to 25.4 cm/sec
Linear scan speed	Color: up to 6 in/sec; Grayscale: up to 10 in/sec
Maximum copy length	374.5 in
Maximum copy length	9.5 m
Maximum media thickness	0.26 mm
Maximum scan length	50 m (PDF), 12 m (TIFF), 8 m (JPEG)[2]
Maximum scan length	164 ft (PDF), 39 ft (TIFF), 26 ft (JPEG)[2]
Media sizes standard (metric rolls)	279 to 1016 mm
Media sizes standard (sheets, rolls)	11 to 40 in
Media thickness	Up to 15.7 mil
Media thickness	0.01 in
Media thickness (metric)	Up to 0.4 mm
Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek papers, matte film
Media weight, recommended	70 to 200 g/m²
Media weight, supported	19 to 53 lb

Media weight, supported	70 to 200 g/m²
Memory	8 GB DDR4
Number of print cartridges	4 (C, M, Y, K)
Operating humidity range	20 to 80% RH, depending on media type
Operating temperature range	5 to 40°C
Operating temperature range	41 to 104°F
Optional printer languages	Adobe PostScript 3, Adobe PDF 1.7 (with PostScript/PDF upgrade)
Package dimensions (W x D x H)	88.9 x 40.9 x 62.1 in
Package dimensions (W x D x H)	2257 x 1040 x 1578 mm
Package weight	1368 lb
Package weight	621 kg
Paper handling output, optional	High-capacity stacker (up to 500-page capacity), online folder (only compatible in conjunction with the optional accessory upgrade kit)
Paper handling output, standard	Top stacker (up to 100-page capacity)
Power	Input voltage (auto ranging) 100-127/200-240 V (±10%), 50/60 Hz (±3 Hz), 7/3.5 A
Print Technology	Ink
Print cartridge volume delivered	500 ml
Print heads	8 (C, M, Y, K)
Print languages	HP-GL/2, TIFF, JPEG
Print technology	HP PageWide Technology
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
Printing path	HP SmartStream software (optional), HP Click printing software, HP PageWide XL print drivers (PDF, HP-GL/2, and PCL3), Apple AirPrint
Processor	Intel Celeron
Product logos	AirPrint; CE marking; ENERGY STAR; EPEAT green; IPv6 Ready; Mac; UL ECOLOGO; Windows 10 Compatible; HP Wolf Security
Recommended media	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
Roll external diameter	Up to 7 in
Roll external diameter	Up to 177 mm
Roll maximum input	2 rolls default with auto-switching, expandable to 4 rolls
Roll maximum output	Up to 650 ft
Roll maximum output	Up to 200 m

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)
Scan resolution, optical	1200 dpi
Scan size, maximum	Up to 914 mm
Scan size, maximum	Up to 36 in
Supported Primary Applications	Line drawings; Maps; Orthophotos; Posters
Technical documents (from roll)	Up to 650 A1 pages/hr, 12 A1 pages/min
Technical documents (from roll)	Up to 650 ANSI D pages/hr, 12 ANSI D pages/min
Technology logo 1	AHID/cce10ebbd356d96074154a12dc62032a64b058f3
Technology logo 2	AHID/60d2a69d632efba286c546dd6a2fcfdb5c3c9e1f
Technology logo 3	AHID/cd33e848211911e4369b10008531951b0aa3cde7
Technology logo 4	AHID/c51bf05ff1023abad6fda02c5a970763b91946f4
Technology logo 5	AHID/6615658f92b8dd21f3c5b78f3bea628bd257123b
Technology logo 6	AHID/0e41ea2a916263d4c3403cc03016fcaae7311969
Technology logo 7	AHID/2eb006e1e0df2aec9ffb6e4681fd75e27a5c891f
Theoretical minimum line width	0.0008 in (HP-GL/2 addressable)
Theoretical minimum line width	0.02 mm (HP-GL/2 addressable)
UNSPSC code	43212104
UPC number	197498854304
Warm-up time	No warm up
Web address for additional information	https://www.hp.com/go/pagewide-xl-4250

Ink/Toner/Paper/Printer Supplies

HP PageWide XL Supplies

★ : Recommended

HP PageWide XL Supplies

HP 841/874 PageWide XL Printhead	C1Q19A
HP 841/874/876 PageWide XL Maintenance Cartridge	3WW99A
HP 864 500-ml Black PageWide XL Ink Cartridge	3ED86A
HP 864B 500-ml Black PageWide XL Ink Cartridge	1XA70A
HP 865 500-ml Cyan PageWide XL Ink Cartridge	3ED85A
HP 865 500-ml Magenta PageWide XL Ink Cartridge	3ED83A
HP 865 500-ml Yellow PageWide XL Ink Cartridge	3ED84A
HP 865B 500-ml Cyan PageWide XL Ink Cartridge	1XA69A
HP 865B 500-ml Magenta PageWide XL Ink Cartridge	1XA67A
HP 865B 500-ml Yellow PageWide XL Ink Cartridge	1XA68A
HP 874/876 PageWide XL Cleaning Container	3WW73A

Software

Printing and Imaging Software

★ : Recommended

Printer Management Software

HP Click USB for HP PageWide XL 4000 Printer series	8SW21A
HP SmartStream Document Organizer Module	2NH46AAE
HP SmartStream Pixel Analysis Module	2NH47AAE
HP SmartStream Preflight Manager	8SW00AAE
HP SmartStream Print Controller USB for HP PageWide XL 4000 Printer series	8SW03A
HP SmartStream Print Controller for HP PageWide XL 4000 Printer series	8SW03AAE
HP SmartStream USB Preflight Manager	8SW00A
HP SmartStream Workflow Management Module	6UA02AAE
HP SmartTracker USB for HP PageWide XL 4000 Printer series	8SW13A
HP SmartTracker for HP PageWide XL 4000 Printer series	8SW13AAE

Accessories

Paper Handling

★ : Recommended

Paper Finishing Accessories

HP F40 Folder	8SF40A
HP F60 Folder with Tab Applicator	8SF61A
HP F70 Folder	8SF70A
HP F70 Folder with Tab Applicator	8SF71A
HP PageWide XL Folder Upgrade Kit for Long Plots	8SB09A

Upgrade Kits

HP PageWide XL 39x0/4x00 Accessory Upgrade Kit	8SB06A
HP PageWide XL 4x00 Speed Upgrade Kit	8SB08A

Media Loading Accessories

HP PageWide XL Drawer	8SB02A

Output Trays and Stackers

HP PageWide XL High-capacity Stacker	8SB03A

Postscript/PCL5 Emulations

Postscript/PCL5 Emulations

HP PageWide XL PostScript/PDF Upgrade Kit	8SB07A

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