



HP PageWide XL 3900 Multifunction Printer

Do the work of two printers with one—faster and lower cost than LED¹



FAST—Immediate, simple access to final prints

- Don't waste time waiting for prints with speeds up to 6 D/A1 pages/min and a fast 30-second first page out.
- Gain reassurance that the print will turn out as you expect with one-click printing from HP Click.²
- Anyone can copy and scan with intuitive multifunction workflows, including automatic background removal.
- Focus on your project, not the printer with up to 4 rolls and integrated 100-page top stacker.

SAVE—Help keep costs under control

- Run at lower costs than low-volume LED¹ in monochrome and color.
- Gain broad control over your printing costs and turn them to your advantage with HP SmartTracker software.
- Use half the energy per page compared to equivalent LED printers.³
- Secure data and help cut breach-related costs—self-encrypted HDD, Secure Disk Erase, and role access control.

CONSOLIDATE—Mono and color printing in one

- Improve manageability and simplify your workflow with one device for mono and color.
- Help meet all your needs, from job preparation to finishing, with a fully integrated HP solution.
- Produce excellent technical prints—vivid color, crisp lines, fine detail, smooth grayscales that beat LED.⁵
- Work with durable—moisture/fade-resistant—prints, even on uncoated bond, with HP PageWide XL pigment inks.⁴

For more information, please visit <http://www.hp.com/go/pagewidexl3900>

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: <http://www.hp.com/go/learnaboutsupplies>

¹ Printing up to 6 D/A1 pages/minute, the HP PageWide XL 3900 Multifunction Printer is faster than alternative low-volume LED printers and MFPS (under 6 D/A1 pages/minute) as of November, 2018. Operational costs for printers based on low-volume LED technology under \$20,000 USD in the market as of January, 2019. Operational costs consist of supplies and service costs. For testing criteria, see <http://www.hp.com/go/pagewidexlclaims>.

² Once image is selected, one-click printing when printing the entire file without any modifications to the print settings. Applicable to PDF, JPEG, TIFF, and HP-GL/2 files.

³ Conclusions based on internal HP testing for a specific use scenario. Comparable printers using LED technology based on LED printers capable of printing 4-6 D/A1 pages per minute and which represent more than 80% of the share of mid-volume LED printers in the US and Europe according to IDC as of November, 2018. For testing criteria, see <http://www.hp.com/go/pagewidexlclaims>.

⁴ Compared to prints produced with HP 970/971/980 inks that are fade and moisture resistant per ISO 11798 Permanence and Durability Methods certification. For testing criteria, see <http://www.hp.com/go/pagewidexlclaims>.

⁵ For output produced with HP PageWide XL printers and LED printers from different manufacturers and that represent greater than 50% of the annual shipments of LED printers in North America as of 2018 according to IDC. For testing criteria, see <http://www.hp.com/go/pagewidexlclaims>.

Technical specifications

General

Descriptions	Large-format color MFP
Technology	HP PageWide Technology
Applications	Line drawings; Maps; Orthophotos; Posters
Ink types	Pigment-based (cyan, magenta, yellow, black)
Ink cartridges	4 (1 x 400-ml per color)
Printheads	8 x HP 841 PageWide XL Printheads
Average printhead life	32 liters
Printhead warranty	10 liters or 12 months from installation
Print resolution	1200 x 1200 dpi
Minimum line width	0.0008 in (0.02 mm) (HP-GL/2 addressable)
Guaranteed minimum line width	0.0033 in (0.085mm) (ISO/IEC 13660:2001(E)) ¹
Line accuracy	±0.1% ²

Print speed

A1/Arch D/ANSI D (long edge first)	6 pages/min
Warm-up time	No warm up
First page out	30 sec (from Ready mode)

Media

Media rolls	2 rolls default with auto-switching, expandable to 4 rolls
Roll width	11 to 40 in (279 to 1016 mm)
Roll length	Up to 650 ft (200 m)
Roll diameter	Up to 7 in (177 mm)
Roll core diameter	3 in (7.6 cm)
Media weight	19 to 53 lb (70 to 200 g/m ²)
Media thickness	Up to 15.7 mil Up to 0.4 mm
Media types	Bond and recycled papers, poster papers, polypropylene, tyvek papers, matte film
Media output	Standard: Top stacker

Scanner

Description	36-in (91-cm) CIS scanner
Speed	Color: up to 3 in/sec (7.62 cm/sec); grayscale: up to 10 in/sec (25.4 cm/sec)
Optical resolution	1200 dpi
Scan width	Up to 36 in (914 mm)
Original thickness	Up to 0.01 in (0.26 in)
Maximum copy length	374.5 in (9.5 m)
Maximum scan length	708.7 in (18 m) (TIFF, 24-in (610-mm) wide original at 200 dpi), 315 in (8 m) JPEG, 196.9 in (5 m) PDF
Scan format	Standard: JPEG, TIFF; optional: PDF 1.4, multi-page PDF 1.4 (with PS/PDF upgrade)
Scan features	Preview with cropping, scan quicksets, batch scanning
Scan destination	USB, network folder (SMB), scan to email, scan to HP SmartStream software, scan to FTP

Embedded controller

Processor	Intel Core i3
Memory	8 GB DDR3
Hard drive	1 x 500 GB HDD, self-encrypted with AES-256
Print languages	Standard: HP-GL/2, TIFF, JPEG Optional: Adobe PostScript 3, Adobe PDF 1.7 (with PS/PDF upgrade)
Remote management	HP Partner Link, HP Embedded Web Server, HP Web Jetadmin

Connectivity

Interfaces	TCP/IP, BootP/DHCP, USB 2.0 host (certified)
Printing paths	HP SmartStream software (optional), HP Click printing software, HP Universal Print Driver (HP-GL/2 and PS), HP PageWide XL print drivers (PDF, HP-GL/2, and PS)

User interface

User interface	8-inch (203-mm) capacitive touchscreen
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Dimensions (w x d x h)

Printer	77.2 x 34 x 51.3 in (1960 x 864 x 1303 mm) ⁴
Shipping	86.8 x 42.1 x 69.5 in (2180 x 1068 x 1764 mm)

Weight

Printer	948 lb (430 kg)
Shipping	1204 lb (546 kg)

Environmental

Operating temperature	41 to 104°F (5 to 40°C)
Operating humidity	20 to 80% RH, depending on media type

Acoustics

Sound pressure	Printing: ≤ 55 dB(A); Ready: ≤ 35 dB(A); Sleep: ≤ 16 dB(A)
Sound power	Printing: ≤ 7.3 B(A); Ready: ≤ 5.2 B(A); Sleep: ≤ 4.2 B(A)

Power

Consumption	0.4 kW (typical); 0.7 kW (max printing); 108.4 W (ready); < 1 W (< 4.6 W with embedded Digital Front End) (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 compliant; USA and Canada (CSA listed)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES)
Environmental	ENERGY STAR, EPEAT Silver, CE marking (including RoHS, WEEE, REACH)

Warranty

Warranty	90 days
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Ordering information

Product

6CC85A	HP PageWide XL 3900 40-in Multifunction Printer with Top Stacker
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Accessories

2NH46AAE	HP SmartStream Document Organizer Module
2NH47AAE	HP SmartStream Pixel Analysis Module
6CC86A	HP SmartTracker USB for HP XL 3000 Printer series
6CC86AAE	HP SmartTracker for HP XL 3000 Printer series
6SE88A	HP SmartStream Print Controller USB for HP XL 3000 Printer series
6SE88AAE	HP SmartStream Print Controller for HP XL 3000 Printer series
6UA02AAE	HP SmartStream Cloud Client Module
CZ317A	HP PageWide XL PostScript/PDF Upgrade Kit
CZ318A	HP PageWide XL Drawer
L3J69A	HP SmartStream USB Preflight Manager
L3J69AAE	HP SmartStream Preflight Manager
L3J71A	HP SmartStream Preflight Manager One-Year Subscription
L3J71AAE	HP SmartStream Preflight Manager One-Year Subscription

Original HP ink cartridges and maintenance supplies

F9J47A	HP 841 PageWide XL Cleaning Container
CTQ19A	HP 841 PageWide XL Printhead
F9J48A	HP 841 PageWide XL Maintenance Cartridge
1XB40A	HP 849 400-ml Black PageWide XL Ink Cartridge
1XB39A	HP 849 400-ml Cyan PageWide XL Ink Cartridge
1XB37A	HP 849 400-ml Magenta PageWide XL Ink Cartridge
1XB38A	HP 849 400-ml Yellow PageWide XL Ink Cartridge

ECO highlights

- Save paper with automatic print settings and image nesting
- ENERGY STAR® certified¹ and EPEAT® Silver registered²
- Free, convenient HP ink cartridge recycling³
- FSC®-certified papers⁴, recyclable HP media; some HP media eligible for take-back program⁵

¹ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

² EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

³ Program availability varies. Please check <http://www.hp.com/recycle> for details.

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 Recyclable HP papers can be recycled through commonly available recycling programs, or according to region-specific practices. Some HP media are eligible for return through the HP Large Format Media take-back program. Programs may not exist in your area. See <http://www.HPLFMedia.com/hp/ecosolutions> for details.

Please recycle large-format printing hardware and printing supplies. Find out how at our website: <http://www.hp.com/ecosolutions>

⁶ Measured on HP Universal Bond paper.

⁷ ±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.

⁸ For longer plots (up to 200 m/656 ft), image quality might be affected.

⁹ Depth: 800 + 64-mm (31.5 + 2.5-in) removable scanner input tray to pass through doorways.

¹⁰ 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>.

¹¹ Can be recycled through commonly available recycling programs.

