



# HP PageWide XL 4000 Printer series

**Do the work of two printers with one—faster and lower cost than LED<sup>1</sup>**

Keep the focus on creating—fast, consolidated monochrome and colour printing, even print/scan/copy



## **FASTER—Monochrome and colour, faster than LED<sup>1</sup>**

- Move projects forward with up to 8 D/A1 pgs/min monochrome and colour, quick 30-second first page out.
- Print, scan, copy in a single device—integrated 1200 dpi scanner with advanced and convenient workflows.
- Consolidate—a single, easy-to-use device for all your monochrome and colour printing/scanning needs.
- Focus on your project, not the printer—up to 4 rolls with 100-page integrated top stacker.

## **SAVE—Better document quality vs LED, lower cost<sup>2</sup>**

- Run at lower costs than low-volume LED<sup>1</sup>—in monochrome and colour.
- Produce excellent technical documents—crisp lines, fine detail, smooth greyscales that beat LED.<sup>4</sup>
- HP PageWide XL pigment ink for dark blacks, vivid colours, moisture/fade resistance—even on uncoated bond.<sup>3</sup>
- Use half the energy per page compared to equivalent LED printers.<sup>5</sup>

## **SECURE—Help keep data safe, meet IT standards**

- Get a range of strict security features—self-encrypting HDD, Secure Disk Erase, IPsec, and PIN printing.
- Reduce time and costs of managing individual drivers by using HP DesignJet Universal Print Driver.
- Control your printer fleet with HP Web Jetadmin, monitor your device remotely with the HP Embedded Web Server.
- Streamline your print workflow with HP SmartStream software, print easily with HP Click submission tool.<sup>6</sup>

**For more information, please visit**  
<http://www.hp.com/go/pagewidexl4000>

**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>

<sup>1</sup> Fastest based on alternative low-volume LED printers and MFPs (under 7 A1 pages/minute) as of April, 2015. Operational costs based on low-volume LED technology under 20,000 € in the market as of April, 2015. Operational costs consist of supplies and service costs. For testing criteria, see <http://www.hp.com/go/pagewidexl4000>.

<sup>2</sup> Proven HP PageWide Technology powers HP PageWide Web Presses—currently producing 4 billion impressions monthly—and HP PageWide Pro and HP PageWide Enterprise printers.

<sup>3</sup> 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/pagewidexl4000>.

<sup>4</sup> 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 2014 according to IDC. For testing criteria, see <http://www.hp.com/go/pagewidexl4000>.

<sup>5</sup> Conclusions based on internal HP testing for a specific use scenario. Comparable printers using LED technology based on LED printers capable of printing 4 to 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 April, 2015. For testing criteria, see <http://www.hp.com/go/pagewidexl4000>.

<sup>6</sup> 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. HP PageWide XL PostScript/PDF Upgrade Kit required for HP PageWide XL 4000/4500 Printers.

# Technical specifications

General	
Descriptions	Large-format colour printer or 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 colour)
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	0.02 mm (HP-GL/2 addressable)
Guaranteed minimum line width	0.085 mm (ISO/IEC 13660:2001(E)) <sup>1</sup>
Line accuracy	±0.1% <sup>2</sup>
Print speed	
Maximum print speed	4.8 m/min (7.3 m/min with optional speed upgrade) <sup>3</sup>
A1/Arch D/ANSI D (long edge first)	8 pages/min (12 pages/min with optional speed upgrade)
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	279 to 1016 mm
Roll length	Up to 200 m
Roll diameter	Up to 17.7 cm (7 in)
Roll core diameter	7.6 cm
Media weight	70 to 200 g/m <sup>2</sup>
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 Optional:
Print area	Standard: Up to 1 x 200 m for CAD and 1 x 30 m for poster
Scanner*	
Description	36-in (91-cm) CIS scanner
Speed	Color: up to 7.62 cm/sec; grayscale: up to 25.4 cm/sec
Optical resolution	1200 dpi
Scan width	Up to 914 mm
Original thickness	Up to 0.26 mm
Maximum copy length	9.5 m
Maximum scan length	18 m (TIFF; 610-mm wide original at 200 dpi), 8 m (JPEG), 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 Optional: Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG (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 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
Dimensions (w x d x h)	
Printer	Printer 1960 x 800 x 1303 mm; MFP 1960 x 864 x 1303 mm (depth: 800 + 64 mm removable scanner input tray to pass through doorways);
Shipping	Shipping Printer 2180 x 1068 x 1764 mm; Shipping MFP 2180 x 1068 x 1764 mm;
Weight	
Printer	Printer 415 kg; MFP 430 kg;
Shipping	Shipping Printer 521 kg; Shipping MFP 546 kg;

\*Only for MFP

Environmental	
Operating temperature	5 to 40°C
Recommended temperature	15 to 35°C
Operating humidity	20 to 80% RH, depending on media type
Acoustic	
Sound pressure	Printing: ≤ 53 dB(A) Ready: ≤ 36 dB(A) Sleep: ≤ 24 dB(A)
Sound power	Printing: ≤ 6.8 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); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC)
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 Silver, 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

<b>Product</b>	
MOV02A	HP PageWide XL 4000 40-in Multifunction Printer
MOV01A	HP PageWide XL 4000 40-in Printer
<b>Accessories</b>	
GGH50B	HP SD Pro 44-in Scanner
G6H51B	HP HD Pro 42-in Scanner
CZ317A	HP PageWide XL PostScript/PDF Upgrade Kit
CZ318A	HP PageWide XL Drawer
CZ319A	HP PageWide XL High-capacity Stacker
1AT07B	HP PageWide XL 4000/4500 Accessory Upgrade Kit
K5H75A	HP PageWide XL Folder
L3M58A	HP PageWide XL Folder with Tab Applicator
W9C05A	HP PageWide XL Folder with Scandinavian Tab Applicator
MOV04A	HP PageWide XL Folder Upgrade Kit for Long Plots
1EW99A	HP F60 Folder
1EX00A	HP F60 Folder with Tab Applicator
K5H73A	HP PageWide XL 4000 Speed Upgrade Kit
L3J69AAE	HP SmartStream Preflight Manager
L3J71AAE	HP SmartStream Preflight Manager One-Year Subscription
L3J76AAE	HP SmartStream Print Controller for HP PageWide XL 4000/4500 Printer series
T9B46AAE	HP SmartStream Print Controller for Non-HP Large Format printers
<b>Original HP Printheads</b>	
C1Q19A	HP 841 PageWide XL Printhead
F9J47A	HP 841 PageWide XL Cleaning Container
F9J48A	HP 841 PageWide XL Maintenance Cartridge
<b>Original HP ink cartridges and maintenance supplies</b>	
C1Q65A	HP 843C 400-ml Black PageWide XL Ink Cartridge
C1Q66A	HP 843C 400-ml Cyan PageWide XL Ink Cartridge
C1Q67A	HP 843C 400-ml Magenta PageWide XL Ink Cartridge
C1Q68A	HP 843C 400-ml Yellow PageWide XL Ink Cartridge

## Eco Highlights

- Save paper with automatic print settings and image nesting
- ENERGY STAR® certified<sup>1</sup> and EPEAT Silver registered<sup>2</sup>
- Free, convenient HP ink cartridge recycling<sup>3</sup>
- FSC®-certified papers<sup>4</sup>, range of recyclable HP media<sup>5</sup>

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

<sup>2</sup> ±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.<sup>1</sup> Measured on HP Universal Bond paper<sup>3</sup> Measured using 91-cm print width