



# HP PageWide XL 4100 Printer series

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



## FAST—Immediate, simple access to final prints

- Don't waste time waiting for prints with speeds up to 10 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.<sup>2</sup>
- Anyone can copy and scan with intuitive multifunction workflows, including automatic background removal.<sup>3</sup>
- 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 LED<sup>1</sup> in monochrome and colour.
- 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.<sup>4</sup>
- Secure data and help cut breach-related costs—self-encrypted HDD, Secure Disk Erase, and role access control.

## ONSOLIDATE—Mono and colour printing in one

- Improve manageability and simplify your workflow with one device for mono and colour.
- Help meet all your needs, from job preparation to finishing, with a fully integrated HP solution.
- Produce excellent technical prints—vivid colour, crisp lines, fine detail, smooth grayscales that beat LED.<sup>6</sup>
- Work with durable—moisture/fade-resistant—prints, even on uncoated bond, with HP PageWide XL pigment inks.<sup>5</sup>

For more information, please visit <http://www.hp.com/go/pagewidexl4100>

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 D/A1 pages/minute) as of November, 2018. Operational costs based on low-volume LED technology under \$20,000 USD in the market as of November, 2018. Operational costs consist of supplies and service costs. For testing criteria, see <http://www.hp.com/go/pagewidexlclaims>.

<sup>2</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 4100 series printers.

<sup>3</sup> Multifunction capabilities are available on the HP PageWide XL 4100 Multifunction Printer only.

<sup>4</sup> Conclusions based on internal HP testing for a specific use scenario. Comparable printers using LED technology based on LED printers capable of printing 4-6 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>.

<sup>5</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/pagewidexlclaims>.

<sup>6</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 2018 according to IDC. For testing criteria, see <http://www.hp.com/go/pagewidexlclaims>.

## Technical specifications

General	
Descriptions	Large-format colour MFP or printer
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	
A1/Arch D/ANSI D (long edge first)	10 pages/min (15 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 177 mm
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: High Capacity Stacker, online folder (only compatible in conjunction with the optional HP PageWide XL 4x00 Accessory Upgrade Kit)
Scanner	
Description	36-in (91-cm) CIS scanner
Speed	Colour: 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	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
Dimensions (w x d x h)	
Printer	Printer: 1960 x 800 x 1303 mm; MFP: 1960 x 864 x 1303 mm <sup>4</sup>
Shipping	2180 x 1068 x 1764 mm
Weight	
Printer	Printer: 415 kg; MFP: 430 kg
Shipping	Printer: 521 kg; MFP: 546 kg

Environmental	
Operating temperature	5 to 40°C
Operating humidity	20 to 80% RH, depending on media type
Acoustics	
Sound pressure	Printing: ≤ 58 dB(A); Ready: ≤ 35 dB(A); Sleep: ≤ 16 dB(A)
Sound power	Printing: ≤ 7.6 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

Product	
J2V01A	HP PageWide XL 4100 40-in Printer with Top Stacker
J2V02A	HP PageWide XL 4100 40-in Multifunction Printer with Top Stacker

### Accessories

1AT07B	HP PageWide XL 3900/4x00 Accessory Upgrade Kit
Z8J18A	HP SmartTracker USB for HP PageWide XL 4x00 Printer series
L3J76AAE	HP SmartStream Print Controller for HP PageWide XL 4x00 Printer series
L3J69AAE	HP SmartStream Preflight Manager
L3J69A	HP SmartStream USB Preflight Manager
K5H73A	HP PageWide XL 4000 Speed Upgrade Kit
ZNH46AAE	HP SmartStream Document Organiser Module
ZNH47AAE	HP SmartStream Pixel Analysis Module
G6H51B	HP HD Pro 42-in Scanner
G6H50B	HP SD Pro 44-in Scanner
CZ318A	HP PageWide XL Drawer
CZ317A	HP PageWide XL PostScript/PDF Upgrade Kit
Z8J18AAE	HP SmartTracker for HP PageWide XL 4x00 Printer series
3JJ54A	HP F40 Folder

### Original HP ink cartridges and maintenance supplies

C1Q19A	HP 841 PageWide XL Printhead
F9J47A	HP 841 PageWide XL Cleaning Container
F9J48A	HP 841 PageWide XL Maintenance Cartridge
C1Q61A	HP 843B 400-ml Black PageWide XL Ink Cartridge
C1Q62A	HP 843B 400-ml Cyan PageWide XL Ink Cartridge
C1Q63A	HP 843B 400-ml Magenta PageWide XL Ink Cartridge
C1Q64A	HP 843B 400-ml Yellow PageWide XL Ink Cartridge

## ECO highlights

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

<sup>1</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.  
<sup>2</sup> EPEAT<sup>®</sup> registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.  
<sup>3</sup> Program availability varies. Please check <http://www.hp.com/recycle> for details.  
<sup>4</sup> BMG trademark license code FSC<sup>®</sup>-C115319, see <http://www.fsc.org>. HP trademark license code FSC<sup>®</sup>-C017543, see <http://www.fsc.org>. Not all FSC<sup>®</sup>-certified products are available in all regions. For information about HP large format printing materials, please visit <http://www.HPLFMedia.com>.  
<sup>5</sup> 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. Recycling programs may not exist in your area. See <http://www.HPLFMedia.com/hp/ecosolutions> for details.  
<sup>6</sup> Measured on HP Universal Bond paper.  
<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>3</sup> For longer plots (up to 200 m/656 ft), image quality might be affected.  
<sup>4</sup> Depth: 800 + 64-mm (31.5 + 2.5-in) removable scanner input tray to pass through doorways.  
<sup>5</sup> BMG trademark license code FSC<sup>®</sup>-C115319, see <http://www.fsc.org>. HP trademark license code FSC<sup>®</sup>-C017543, see <http://www.fsc.org>. Not all FSC<sup>®</sup>-certified products are available in all regions. For information about HP large format printing materials, please visit <http://www.HPLFMedia.com>.  
<sup>6</sup> Can be recycled through commonly available recycling programs.

