



HP PageWide XL 4100 Printer series

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 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.²
- Anyone can copy and scan with intuitive multifunction workflows, including automatic background removal.³
- 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 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.⁴
- 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.⁶
- Work with durable—moisture/fade-resistant—prints, even on uncoated bond, with HP PageWide XL pigment inks.⁵

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>

¹ 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>.

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. HP PageWide XL PostScript/PDF Upgrade Kit required for HP PageWide XL 4100 series printers.

³ Multifunction capabilities are available on the HP PageWide XL 4100 Multifunction Printer only.

⁴ 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>.

⁵ 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>.

⁶ 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)) ¹ |
| Line accuracy | ±0.1% ² |
| 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 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 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 ⁴ |
| 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 | |
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| 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 |
| K5H75A | HP F70 Folder |
| Z8J18A | HP SmartTracker USB for HP PageWide XL 4x00 Printer series |
| MOV04A | HP PageWide XL Folder Upgrade Kit for Long Plots |
| L3M58B | HP F70 Folder with Tab Applicator |
| L3J76AAE | HP SmartStream Print Controller for HP PageWide XL 4x00 Printer series |
| L3J71AAE | HP SmartStream Preflight Manager One-Year Subscription |
| L3J69AAE | HP SmartStream Preflight Manager |
| L3J69A | HP SmartStream USB Preflight Manager |
| K5H73A | HP PageWide XL 4000 Speed Upgrade Kit |
| 2NH46AAE | HP SmartStream Document Organiser 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 |
| 3JJ54A | HP F40 Folder |
| ZUE10A | HP Click USB for HP PageWide XL 4x00 Printer series |
| 2NH47AAE | HP SmartStream Pixel Analysis Module |
| Z8J18AAE | HP SmartTracker for HP PageWide XL 4x00 Printer series |

| 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[®] 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. Recycling programs may not exist in your area. See <http://www.HPLFMedia.com/hp/ecosolutions> for details.
⁶ Measured on HP Universal Bond paper.
² ±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.
³ For longer plots (up to 200 m/656 ft), image quality might be affected.
⁴ Depth: 800 + 64-mm (31.5 + 2.5-in) removable scanner input tray to pass through doorways.
⁵ 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>.
⁶ Can be recycled through commonly available recycling programs.

