



# HP PageWide XL 4000 Printer series

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



## FASTER

### Monochrome and color, faster than LED<sup>1</sup>

- Move projects forward with up to 8 A1/D pgs/min monochrome and color, 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 color 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>1</sup>

- Run at lower costs than low-volume LED<sup>1</sup>—in monochrome and color
- Produce excellent technical documents—crisp lines, fine detail, smooth grayscales that beat LED<sup>2</sup>
- HP PageWide XL pigment ink for dark blacks, vivid colors, moisture/fade resistance—even on uncoated bond<sup>3</sup>
- Use half the energy per page compared to equivalent LED printers<sup>4</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>5</sup>

For more information, please visit  
[hp.com/go/pagewidexl4000](http://hp.com/go/pagewidexl4000)



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best of the best



GOLD  
AWARD  
2016

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: [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies)

**Note:** HP PageWide XL printers are not designed to use continuous ink systems. HP PageWide XL printers are designed for ink cartridges to be used until they are empty. Refilling cartridges prior to depletion might cause the printer to fail, and voids the HP ink cartridge warranty.

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

<sup>2</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 [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<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 [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<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 to 6 A1/D 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 [hp.com/go/pagewidexlclaims](http://hp.com/go/pagewidexlclaims).

<sup>5</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 the HP PageWide XL 4000 Printer.

# Technical specifications

|                             |                                    |                                                                                                                                                                                    |
|-----------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>              | Description                        | Large-format color 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 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                 | 0.02 mm (0.0008 in) (HP-GL/2 addressable)                                                                                                                                          |
| <b>Print speed</b>          | Guaranteed minimum line width      | 0.085 mm (0.0033 in) (ISO/IEC 13660:2001(E)) <sup>11</sup>                                                                                                                         |
|                             | Line accuracy                      | ±0.1% <sup>6</sup>                                                                                                                                                                 |
|                             | Maximum print speed                | 6 m/min (19.68 ft/min) (9 m/min (29.52 ft/min) with optional speed upgrade) <sup>12</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 rolls                        | 2 rolls default with auto-switching, expandable to 4 rolls                                                                                                                         |
|                             | Roll width                         | 279 to 1016 mm (11 to 40 in)                                                                                                                                                       |
|                             | Roll length                        | Up to 200 m (650 ft)                                                                                                                                                               |
|                             | Roll diameter                      | Up to 177 mm (7 in)                                                                                                                                                                |
| <b>Media</b>                | Roll core diameter                 | 7.6 cm (3 in)                                                                                                                                                                      |
|                             | Printable width                    | Up to 1000 mm (39.4 in)                                                                                                                                                            |
|                             | Printable length                   | Up to 200 m (650 ft) for CAD and 30 m (98 ft) for poster <sup>13</sup>                                                                                                             |
|                             | Media weight                       | 70 to 200 g/m <sup>2</sup> (19 to 53 lb)                                                                                                                                           |
|                             | Media thickness                    | Up to 0.4 mm (15.7 mil)                                                                                                                                                            |
|                             | Media types                        | Bond and recycled papers, poster papers, polypropylene, Tyvek® papers, matte film                                                                                                  |
|                             | Media output (standard)            | Top stacker                                                                                                                                                                        |
|                             | Scanner <sup>14</sup>              | Description: 91-cm (36-in) CIS scanner                                                                                                                                             |
|                             | Speed                              | Color: up to 7.62 cm/sec (3 in/sec)<br>Grayscale: up to 25.4 cm/sec (10 in/sec)                                                                                                    |
|                             | Optical resolution                 | 1200 dpi                                                                                                                                                                           |
| <b>Scanner<sup>14</sup></b> | Scan width                         | Up to 914 mm (36 in)                                                                                                                                                               |
|                             | Original thickness                 | Up to 0.26 mm (0.01 in)                                                                                                                                                            |
|                             | Maximum copy length                | 9512 mm (374.5 in)                                                                                                                                                                 |
|                             | Maximum scan length                | 18 m (708.7 in) (TIFF, 610-mm (24-in) wide original at 200 dpi), 8 m (315 in) (JPEG), 5 m (196.9 in) (PDF)                                                                         |
|                             | Scan format                        | Standard: JPEG, TIFF<br>Optional: PDF 1.7, multipage PDF 1.7, PDF/A 1.4                                                                                                            |
|                             | Scan features                      | Preview with cropping, scan quicksets, batch scanning                                                                                                                              |
|                             | Scan destination                   | USB, network folder (SMB), scan to email and to HP SmartStream software                                                                                                            |
|                             | Embedded controller                | Processor: Intel Core i3<br>Memory: 8 GB DDR3<br>Hard drive: 1 x 500 GB HDD, self-encrypted with AES-256                                                                           |
|                             | Print languages (standard)         | HP-GL/2, PCL 3 Win                                                                                                                                                                 |
|                             | Print languages (optional)         | Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG (with PS/PDF upgrade)                                                                                                                |
| <b>Connectivity</b>         | Remote management                  | HP Partner Link, HP Embedded Web Server, HP Web Jetadmin                                                                                                                           |
|                             | Interfaces                         | TCP/IP, BootP/DHCP, USB 2.0 host (certified)                                                                                                                                       |
|                             | Printing paths                     | HP SmartStream software (optional)<br>HP Click printing software <sup>5</sup><br>HP Universal Print Driver (HP-GL/2 and PS)<br>HP PageWide XL print drivers (PDF, HP-GL/2, and PS) |
|                             | User interface                     | 203-mm (8-inch) capacitive touchscreen                                                                                                                                             |

<sup>6</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>7</sup> Special ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements. Special ventilation equipment installation is at the discretion of the customer. The need for special ventilation is not anticipated. In case of doubt, customers should consult state and local requirements and regulations.

<sup>8</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 A1/D 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 [hp.com/go/pagewidexclaims](http://hp.com/go/pagewidexclaims).

<sup>9</sup> Based on third-party testing conducted in 2014 and 2015, no ozone was detected.

<sup>10</sup> EPEAT registered where applicable and/or supported. See [epeat.net](http://epeat.net) for registration status and rating by country.

<sup>11</sup> Measured on HP Universal Bond Paper.

<sup>12</sup> Measured using 91-cm (36-in) print width.

<sup>13</sup> For longer plots (up to 200 m (656 ft)), image quality might be affected.

<sup>14</sup> Scanning functionality available with the HP PageWide XL 4000 Multifunction Printer only.

<sup>15</sup> Only compatible in conjunction with the optional HP PageWide XL 4000/4500 Accessory Upgrade Kit.

<sup>16</sup> Printing to non-HP large format printers is done through specific drivers, each of them covering several printers: Océ Windows Printer Driver (WPD), KIP Windows Driver WHQL, RICOH PostScript Driver, Xerox WHQL Driver. For more information, please visit: [hp.com/go/smartstream/trial](http://hp.com/go/smartstream/trial).

<sup>17</sup> BMG trademark license code FSC®-C115319, see [fsc.org](http://fsc.org). HP trademark license code FSC®-C017543, see [fsc.org](http://fsc.org). Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit [HPLFMedia.com](http://HPLFMedia.com).

<sup>18</sup> Can be recycled through commonly available recycling programs.

<sup>19</sup> Program availability varies. Please check [hp.com/recycle](http://hp.com/recycle) for details.



|                               |                         |                                                                                                                                                                                                 |
|-------------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dimensions (w x d x h)</b> | Printer                 | 1960 x 800 x 1303 mm (77.2 x 31.5 x 51.3 in)                                                                                                                                                    |
|                               | MFP                     | 1960 x 864 x 1303 mm (77.2 x 34 x 51.3 in)<br>Depth: 800 + 64 mm (31.5 + 2.5 in) removable scanner input tray to pass through doorways                                                          |
| <b>Weight printer</b>         | Shipping                | 2180 x 1068 x 1764 mm (86.8 x 42.1 x 69.5 in)                                                                                                                                                   |
|                               | Printer                 | 415 kg (915 lb)                                                                                                                                                                                 |
| <b>Weight MFP</b>             | Shipping                | 521 kg (1149 lb)                                                                                                                                                                                |
|                               | MFP                     | 430 kg (948 lb)                                                                                                                                                                                 |
| <b>Environmental</b>          | Shipping                | 546 kg (1204 lb)                                                                                                                                                                                |
|                               | Operating temperature   | 5 to 40°C (41 to 104°F)                                                                                                                                                                         |
| <b>Acoustic</b>               | Recommended temperature | 15 to 35°C (59 to 95°F)                                                                                                                                                                         |
|                               | Operating humidity      | 20 to 80% RH, depending on media type                                                                                                                                                           |
| <b>Power</b>                  | Sound pressure          | ≤53 dB(A) (printing), ≤36 dB(A) (ready), ≤24 dB(A) (sleep)                                                                                                                                      |
|                               | Sound power             | ≤6.8 B(A) (printing), ≤5.2 B(A) (ready), ≤4.2 B(A) (sleep)                                                                                                                                      |
| <b>Certification</b>          | Requirements            | Input voltage (auto ranging) 100-127 / 200-240 V (±10%), 50/60 Hz (±3 Hz), 7/3.5 A                                                                                                              |
|                               | Consumption             | 0.4 kW (typical); 0.7 kW (max printing); 108.4 watts (ready); < 1 watts (< 4.6 watts with embedded Digital Front End) (sleep)                                                                   |
| <b>Warranty</b>               | 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)                                   |
| <b>Warranty</b>               | 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 |

90 days  
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: [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies)

## 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>                                        | G6H50B   | HP SD Pro 44-in Scanner                                                            |
|                                                           | G6H51B   | HP HD Pro 42-in Scanner                                                            |
| <b>Original HP PageWide XL printheads and consumables</b> | CZ317A   | HP PageWide XL PostScript/PDF Upgrade Kit                                          |
|                                                           | CZ318A   | HP PageWide XL Drawer                                                              |
| <b>Original HP PageWide XL ink cartridges</b>             | CZ319A   | HP PageWide XL High-capacity Stacker <sup>15</sup>                                 |
|                                                           | 1AT07B   | HP PageWide XL 4000/4500 Accessory Upgrade Kit                                     |
| <b>Original HP large format printing materials</b>        | 1EW99A   | HP F60 Folder <sup>15</sup>                                                        |
|                                                           | 1EX00A   | HP F60 Folder with Tab Applicator <sup>15</sup>                                    |
| <b>Eco Highlights</b>                                     | K5H73A   | HP PageWide XL 4000 Speed Upgrade Kit                                              |
|                                                           | L3J69AAE | HP SmartStream Preflight Manager                                                   |
| <b>Original HP PageWide XL ink cartridges</b>             | L3J69A   | HP SmartStream Preflight Manager USB                                               |
|                                                           | L3J71AAE | HP SmartStream Preflight Manager One-Year Subscription                             |
| <b>Original HP PageWide XL ink cartridges</b>             | L3J76AAE | HP SmartStream Print Controller for HP PageWide XL 4000/4500                       |
|                                                           | T9B46AAE | HP SmartStream Print Controller for non-HP Large Format printers <sup>16</sup>     |
| <b>Original HP large format printing materials</b>        | L3J76A   | HP SmartStream Print Controller USB for HP PageWide XL 4000/4500 Printer Series    |
|                                                           | 2NH46AAE | HP SmartStream Document Organizer Module                                           |
| <b>Original HP large format printing materials</b>        | 2NH47AAE | HP SmartStream Pixel Analysis Module                                               |
|                                                           | Z8J18AAE | HP SmartTracker for HP PageWide XL 4000/4500 Printer                               |
| <b>Original HP large format printing materials</b>        | Z8J18A   | HP SmartTracker USB for HP PageWide XL 4000/4500 Series                            |
|                                                           | C1Q19A   | HP 841 PageWide XL Printhead                                                       |
| <b>Original HP large format printing materials</b>        | F9J47A   | HP 841 PageWide XL Cleaning Container                                              |
|                                                           | F9J48A   | HP 841 PageWide XL Maintenance Cartridge                                           |
| <b>Original HP large format printing materials</b>        | C1Q61A   | HP 843B 400-ml Black PageWide XL Ink Cartridge                                     |
|                                                           | C1Q62A   | HP 843B 400-ml Cyan PageWide XL Ink Cartridge                                      |
| <b>Original HP large format printing materials</b>        | C1Q63A   | HP 843B 400-ml Magenta PageWide XL Ink Cartridge                                   |
|                                                           | C1Q64A   | HP 843B 400-ml Yellow PageWide XL Ink Cartridge                                    |
| <b>Original HP large format printing materials</b>        | L4L08A   | HP Universal Bond Paper, 3-in Core (FSC® certified) <sup>17</sup> ♻️               |
|                                                           | L5Q03A   | HP Production Satin Poster Paper, 3-in Core (FSC® certified) <sup>17</sup> ♻️      |
| <b>Original HP large format printing materials</b>        | L5C80A   | HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified) <sup>17</sup> ♻️ |

Enjoy best-in-class support services, knowing HP works with HP PageWide XL Channel Partners to enable them to be properly trained, certified, and equipped to meet your needs. With efficient support and innovative support features, such as printer self-monitoring, predefined resolution paths, and intuitive maintenance wizards, you can work with confidence every day. For more information, please visit [hp.com/go/pagewidexlservice](http://hp.com/go/pagewidexlservice).

HP Financial Services can help you acquire an HP PageWide XL printing solution and accelerate the benefits to your business. Our solutions can help you increase your flexibility by preserving cash, freeing up budgets with a monthly payment structure, and offering an easy option to upgrade to the latest model when your business is ready. For more information, please visit the Programs and Promotions section at [hp.com/hpfinancialservices](http://hp.com/hpfinancialservices).

Find the media solution that fits your business and your HP PageWide XL printer at [hp.com/go/mediasolutionslocator](http://hp.com/go/mediasolutionslocator).

## Eco Highlights

- Save paper with automatic print settings and image nesting
- ENERGY STAR® certified and EPEAT Silver registered<sup>10</sup>
- Free, convenient HP ink cartridge recycling<sup>19</sup>
- FSC®-certified papers,<sup>17</sup> range of recyclable HP media<sup>18</sup>

Please recycle large-format printing hardware and printing supplies.

Find out how at our website [hp.com/ecosolutions](http://hp.com/ecosolutions)

