HP PageWide XL 4600 Printer series

Do the work of two printers with one – faster and lower cost than LED[1]

FAST – Immediate, simple access to final prints

- Don't waste time waiting for prints with speeds up to 15 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 LED[1] 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.

CONSOLIDATE – Mono and color 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.
- 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/pagewidexl4600

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

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 (0.0008 in) (HP-GL/2 addressable)
Guaranteed minimum line width	0.085 mm (0.0033 in) (ISO/IEC 13660:2001(E))[1]
Line accuracy	±0.1%[2]

Print speed

A1/Arch D/ANSI D (long edge first)	15 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 200 m (650 ft)
Roll diameter	Up to 177 mm (7 in)
Roll core diameter	3 in 7.6 cm
Media weight	70 to 200 g/m² (19 to 53 lb)
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 (3 in/sec); Greyscale: Up to 25.4 cm/sec (10 in/sec)
Optical resolution	1200 dpi
Scan width	Up to 914 mm (36 in)
Original thickness	Up to 0.26 mm (0.01 in)
Maximum copy length	374.5 in 9.5 m
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; 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	203 mm (8 in) capacitive touchscreen

Dimensions (w x d x h)

Printer	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)[4]
Shipping	2180 x 1068 x 1764 mm (86.8 x 42.1 x 69.5 in)

Weight

Printer	Printer: 415 kg (915 lb); MFP: 430 kg (948 lb)
Shipping	Printer: 521 kg (1149 lb); MFP: 546 kg (1204 lb)

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; EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC)
Electromagnetic	Compliant with Class A requirements, including: EU (EMC Directive)
Environmental	ENERGY STAR, EPEAT Silver, CE marking (including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in Turkey, Serbia, and Ukraine
Warranty	90 days

Ordering information

Product

RS312A	HP PageWide XL 4600 40-in Multifunction Printer with Top Stacker
RS313A	HP PageWide XL 4600 40-in Printer with Top Stacker

Accessories

1AT07B	HP PageWide XL 4x00 Accessory Upgrade Kit
CZ317A	HP PageWide XL PostScript/PDF Upgrade Kit
CZ318A	HP PageWide XL Drawer
CZ319A	HP PageWide XL High-capacity Stacker
K5H75A	HP F70 Folder
L3M58B	HP F70 Folder with Tab Applicator
1EX00B	HP F60 Folder with Tab Applicator
M0V04A	HP PageWide XL Folder Upgrade Kit for Long Plots
3JJ54A	HP F40 Folder
L3J69AAE	HP SmartStream Preflight Manager
2NH46AAE	HP SmartStream Document Organizer Module
2NH47AAE	HP SmartStream Pixel Analysis Module
L3J76AAE	HP SmartStream Print Controller for HP PageWide XL 4x00 Printer series
Z8J18AAE	HP SmartTracker for HP PageWide XL 4x00 Printer series
G6H50B	HP SD Pro 44-in Scanner
G6H51B	HP HD Pro 42-in Scanner

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
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[1] and EPEAT® Silver registered.[2]
- Free, convenient ink cartridge recycling.[3]
- FSC®-certified papers[4], recyclable HP media; some HP media eligible for take-back program.[5]

[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.

[1] 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.