HP PageWide XL 4100 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 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 LED[1] in monochrome and color.

- 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 color.

- Help meet all your needs, from job preparation to finishing, with a fully integrated HP solution.

- Produce excellent technical prints—vivid color, crisp lines, fine detail, smooth grayscales that beat LED.[5]

- Work with durable—moisture/fade-resistant—prints, even on uncoated bond, with HP PageWide XL pigment inks.[6]

For more information, please visit

RPG Squarefoot Solutions

(800) 521-6319

www.rpg.com

info@rpg.com

Technical specifications

General		
	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)
	Guaranteed minimum line width	0.0033 in (0.085 mm) (ISO/IEC 13660:2001(E))[7]
	Line accuracy	±0.1%[8]
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	11 to 40 in (279 to 1016 mm)
	Roll length	Up to 650 ft (200 m)
	Roll diameter	Up to 7 in (177 mm)
	Roll core diameter	3 in (7.6 cm)
	Media weight	19 to 53 lb (70 to 200 g/m²)
	Media thickness	Up to 15.7 mil (0.4 mm)
	Media types	Bond and recycled papers, poster papers, polypropylene, Tyvek® papers, matte film
	Media output (standard)	Standard: Top stacker Optional: High Capacity Stacker, online folder (only compatible in conjunction with the optional HP PageWide XL 4x00 Accessory Upgrade Kit)
Scanner[9]	Description	36-in (91-cm) CIS scanner
	Speed	Color: up to 3 in/sec (7.62 cm/sec) Grayscale: up to 10 in/sec (25.4 cm/sec)
	Optical resolution	1200 dpi
	Scan width	Up to 36 in (914 mm)
	Original thickness	Up to 0.01 in (0.26 mm)
	Maximum copy length	374.5 in (9512 mm)
	Maximum scan length	708.7 in (18 m) (TIFF, 24-in (610-mm) wide original at 200 dpi), 315 in (8 m) (JPEG), 196.9 in (5 m) (PDF)
	Scan format	Standard: JPEG, TIFF Optional: PDF 1.7, multipage PDF 1.7, PDF/A 1.4 (with PS/PDF upgrade)
	Scan features	Preview with cropping, scan quicksets, batch scanning
	Scan destination	USB, network folder (SMB), scan to email and 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 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 printing software[2] HP Universal Print Driver (HP-GL/2 and PS) HP PageWide XL print drivers (PDF, HP-GL/2, and PS)
User interface		8-inch (203-mm) capacitive touchscreen
Dimensions (w x d x h)	Printer	77.2 x 31.5 x 51.3 in (1960 x 800 x 1303 mm)
	MFP	77.2 x 34 x 51.3 in (1960 x 864 x 1303 mm)[10]
	Shipping	86.4 x 42.1 x 69.5 in (2180 x 1068 x 1764 mm)
Weight printer	Printer	915 lb (415 kg)
	Shipping	1149 lb (521 kg)
Weight MFP	MFP	948 lb (430 kg)
	Shipping	1204 lb (546 kg)

Environmental	Operating temperature	41 to 104°F (5 to 40°C)
	Operating humidity	20 to 80% RH, depending on media type
Acoustic	Sound pressure	≤58 dB(A) (printing), ≤35 dB(A) (ready), ≤16 dB(A) (sleep)
	Sound power	≤7.6 B(A) (printing), ≤5.2 B(A) (ready), ≤4.2 B(A) (sleep)
Power	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)
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	J2V01A, J2V02A	90 days
	J2V02H	3 years

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. artridges 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

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
	J2V02H	HP PageWide XL 4100 40-in Multifunction Printer 3-year warranty with PostScript/PDF
Accessories	G6H50B	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
	2NH46AAE	HP SmartStream Document Organizer Module
	2NH47AAE	HP SmartStream Pixel Analysis Module
	L3J69AAE	HP SmartStream Preflight Manager
	L3J71AAE	HP SmartStream Preflight Manager One-Year Subscription
	L3J76AAE	HP SmartStream Print Controller for HP PageWide XL 4x00 Printer series
	Z8J18AAE	HP SmartTracker for HP PageWide XL 4x00 Printer
	Z8J18A	HP SmartTracker USB for HP PageWide XL 4x00 Series
	2UE10A	HP Click USB for HP PageWide XL 4x00 Series
Original HP PageWide XL printheads and consumables	C1Q19A	HP 841 PageWide XL Printhead
	F9J47A	HP 841 PageWide XL Cleaning Container
	F9J48A	HP 841 PageWide XL Maintenance Cartridge
Original HP PageWide XL ink cartridges	C1Q57A	HP 843A 400-ml Black PageWide XL Ink Cartridge
	C1Q58A	HP 843A 400-ml Cyan PageWide XL Ink Cartridge
	C1Q59A	HP 843A 400-ml Magenta PageWide XL Ink Cartridge
	C1Q60A	HP 843A 400-ml Yellow PageWide XL Ink Cartridge
Original HP large format printing materials	L4L08A	HP Universal Bond Paper, 3-in Core (FSC® certified)[11] [12] 36 in x 500 ft (914 mm x 152.4 m)
	L5P98A	HP Production Matte Poster Paper, 3-in Core (FSC® certified)[11] [12] 40 in x 300 ft (1016 mm x 91.4 m)
	L5Q03A	HP Production Satin Poster Paper, 3-in Core (FSC® certified)[11] [12] 40 in x 300 ft (1016 mm x 91.4 m)
	L5C80A	HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[11] [12] 36 in x 300 ft (914 mm x 91.4 m)
	L6B19A	HP Matte Polypropylene, 3-in Core 40 in x 150 ft (1016 mm x 45.7 m)

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.

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.

Find the media solution that fits your business and your HP PageWide XL printer at hp.com/go/mediasolutionslocator.

Eco Highlights

- Save paper with automatic print settings and image nesting
- ENERGY STAR® certified[13] and EPEAT® Silver registered[14]
- Free, convenient HP ink cartridge recycling[15]
- FSC®-certified papers[16], recyclable HP media; some HP media eligible for take-back program[17]

Please recycle large-format printing hardware and printing supplies.

Find out how at our website hp.com/ecosolutions

---

[7] Measured on HP Universal Bond Paper.

[8] ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 73°F (23°C), 50–60% relative humidity, on A0/E printing material in Best or Normal mode with HP Matte Polypropylene and HP PageWide XL pigment ink.

[9] For longer plots (up to 656 ft (200 m)), image quality might be affected.

[10] Depth: 31.5 + 2.5-in (800 + 64-mm) removable scanner input tray to pass through doorways.

[11] BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit HPLFMedia.com.

[12] Can be recycled through commonly available recycling programs.

[13] ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

[14] EPEAT® registered where applicable. EPEAT registration varies by country. See epeat.net for registration status by country.

[15] Program availability varies. Please check hp.com/recycle for details.

[16] BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. For information about HP large format printing materials, please visit HPLFMedia.com.

[17] 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 HPLFMedia.com/hp/ecosolutions for details.