Datasheet

HP DesignJet XL 3600 Multifunction Printer series

Experience a new standard with the most immediate and robust MFP in the market[2]



IMMEDIATE RESULTS—Fastest first page out[2]

- Don't wait in front of your printer with the fastest first page out, in just 29 seconds.[2]
- Free up your time with radically simple and fast batch PDF printing using HP Click software.
- Quickly access your personal and group folders from the touchscreen, so you can print and share right away.[3]
- Easily digitize your projects with automated scanning, user-centric quicksets, and post-editing capabilities.

A NEW STANDARD—Experience extreme reliability

- Built with the most robust design for demanding environments.[2]
- Best fit for your office with up to 30% smaller footprint and the most quiet operation.[4]
- Flawless user experience thanks to automatic media loading and print stacking up to 100 pages.
- Get the lowest running costs, with mono and color prints at the same price and using up to 10X less energy.[2]

SECURE—World's most secure large-format printer[1]

- Rely on the best network protection with features like HP Secure Boot and whitelisting.[1]
- Control who accesses the printer and its confidential documents with secure user authentication.
- Keep your fleet secure at any time with HP JetAdvantage Security Manager.

SourceGraphics

[1] Advanced embedded security features are based on HP review of 2019 published embedded security features of competitive printers, as of February 2019.
[2] Based on comparable printers using LED technology and capable of printing 4-6 D/A1 pages per minute and which represent more than 70% of the share of low-volume LED printers in the US and Europe according to IDC as of November, 2018. Fastest first page out and up to 10 times less energy consumption based on internal HP testing for specific use scenarios. Operational costs based on low-volume LED technology under $17,000 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/designjetxlclaims.
[3] Using Lightweight Directory Access Protocol (LDAP).
[4] 30% smaller footprint based on comparable printers using LED technology and capable of printing 4-6 D/A1 pages per minute and which represent more than 40% of the share of low-volume LED printers in the US and Europe according to IDC as of November, 2018. Measure done considering operational footprint (with the media drawer open). Most quiet operation based on comparable printers using LED technology and capable of printing 4-6 D/A1 pages per minute and which represent more than 70% of the share of low-volume LED printers in the US and Europe according to IDC as of November, 2018. Most quiet according to internal HP testing of operation mode and ready/sound mode sound pressure (plain paper, line drawing, normal mode) compared to published specifications of competitive printers. For testing criteria, see http://www.hp.com/go/designjetxlclaims.

Technical specifications

General	
Technology	HP Thermal Inkjet
Applications	Line drawings; Maps; Orthophotos; Presentations; Renderings
Ink types	Dye-based (C, G, M, pK, Y); pigment-based (mK)
Ink cartridges	6 (cyan, gray, magenta, matte black, photo black, yellow)
Printheads	1 (C, M, Y, G, mK, pK)
Print resolution	Up to 2400 x 1200 optimized dpi
Minimum line width	0.0008 in (0.02 mm) (HP-GL/2 addressable)
Guaranteed minimum line width	0.07 mm (ISO/IEC 13660:2001(E))[3]
Line accuracy	±0.1%[2]
Print speed	
First page out	29 sec; Wake-up time less than 10 sec (no warm-up time)
Media	
Media rolls	2
Roll width	11 to 36-in (279 to 914-mm) width, 656-ft (200-m) length, 3-in core (default) or 2-in core (optional)
Roll diameter	7 in (180 mm)
Media thickness	Up to 19.7 mil Up to 0.5 mm
Media types	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus matte, colored), technical paper (natural tracing, translucent bond, vellum), film (matte, polyester), photographic paper (satin, gloss, semi-gloss, matte, high-gloss), backlit, self-adhesive (two-view cling, indoor paper, polypropylene, vinyl), banner and sign materials (polypropylene, scrim banner)
Scanner	
Description	Sheetfed, CIS (Contact Image Sensor)
Speed	Scan: Up to 3 in/sec (7.62 cm/sec) color, 200 dpi, up to 10 in/sec (25.4 cm/sec) grayscale, 200 dpi; Copy: Up to 6 in/sec (15.24 cm/sec) color, 200 dpi, up to 10 in/sec (25.4 cm/sec) grayscale, 200 dpi
Optical resolution	Up to 600 dpi
Scan width	36 x 315 in (914 x 8000 mm) JPEG; 24 x 590.5 in (610 x 15,000 mm) TIFF; 36 x 315 in (914 x 8000 mm) PDF
Original thickness	0.03 in (0.8 mm)
Scan format	JPEG, TIFF, PDF (for PostScript Printer)
Scan destination	USB, shared network folder, printer HDD, email
Embedded controller	
Memory	128 GB (file processing)[4]
Hard drive	Standard, 500 GB (AES-256 encrypted)
Print languages	Standard: PostScript Printer: Adobe PostScript 3, Adobe PDF 1.7, HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4; Non-PostScript Printer: HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4 Optional: Non-PostScript Printer: Adobe PostScript 3, Adobe PDF 1.7
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T), supporting the following standards: TCP/IP, BootP/DHCP (IPv4 only), DHCPv6, TFTP (IPv4 only), SNMP (v1, v2c, v3), Apple Bonjour Compatible, WS Discovery, Embedded Web Server (HTTP, HTTPS), IPsec, SMTP (email), Raw IP printing (9100), LPD, IPP, WS print, NTLM v2, SMBv3, SSL/TLS, 802.1X authentication (LEAP, PEAP, EAP-TLS), DFS
Printing paths	Direct printing from USB flash drive, print from network shared folder, email printing, HP driver for Windows, HP Print Service for Android, Apple AirPrint driver for macOS and iOS, HP Print for Chrome OS, HP Click, HP Smart App for iOS and Android, HP SmartStream (optional)
Dimensions (w x d x h)	
Printer	59 x 26 x 52 in (1500 x 660 x 1310 mm)
Shipping	64 x 30 x 50 in (1620 x 770 x 1260 mm)
Weight	
Printer	Single-roll: 340 lb (154 kg), Dual-roll: 375 lb (170 kg)
Shipping	Single-roll: 445 lb (202 kg), Dual-roll: 481 lb (218 kg)

Environmental	
Operating temperature	41 to 95ºF (5 to 35ºC)
Operating humidity	20 to 80% RH
Acoustics	
Sound pressure	Printing: 42 dB(A); Ready: 32 dB(A); Sleep: < 19 dB(A)
Sound power	Printing: 5.9 B(A); Ready: 4.9 B(A); Sleep: < 3.7 B(A)
Power	
Consumption	< 120 W (printing + scanning); 40 W (ready); < 1.0 W (< 14 W with embedded Digital Front End) (sleep); 0.3 W (off)
Requirements	Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A
Certification	
Safety	USA and Canada (CSA certified)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES)
Environmental	ENERGY STAR; WEEE; REACH; EPEAT
Warranty	6KD24A, 6KD26A 90 days; 6KD24H, 6KD26H 3 years

Ordering information

Product	
6KD24A	HP DesignJet XL 3600 36-in Multifunction Printer with PostScript/PDF
6KD24H	HP DesignJet XL 3600 36-in Multifunction Printer with PostScript/PDF
6KD26A	HP DesignJet XL 3600dr 36-in Multifunction Printer with PostScript/PDF
6KD26H	HP DesignJet XL 3600dr 36-in Multifunction Printer with PostScript/PDF

Accessories	
6CC86A	HP SmartTracker USB for HP XL 3000 Printer series
6CC86AAE	HP SmartTracker for HP XL 3000 Printer series
6SE88A	HP SmartStream Print Controller USB for HP XL 3000 Printer series
6SE88AAE	HP SmartStream Print Controller for HP XL 3000 Printer series HP
C0C66C	DesignJet PostScript/PDF Upgrade Kit
L3J69A	HP SmartStream USB Preflight Manager
L3J69AAE	HP SmartStream Preflight Manager

Original HP ink cartridges and maintenance supplies	
B3P06A	HP 727 DesignJet Printhead
P2V89A	HP 766 300-ml Cyan DesignJet Ink Cartridge
P2V90A	HP 766 300-ml Magenta DesignJet Ink Cartridge
P2V91A	HP 766 300-ml Yellow DesignJet Ink Cartridge
P2V92A	HP 766 300-ml Matte Black DesignJet Ink Cartridge
P2V93A	HP 766 300-ml Gray DesignJet Ink Cartridge
P2V94A	HP 766 300-ml Photo Black DesignJet Ink Cartridge

ECO highlights

- Save paper with automatic print settings and image nesting
- ENERGY STAR® certified[1] and EPEAT® registered[2]
- Free, convenient HP 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. Programs may not exist in your area. See http://www.HPLFMedia.com/hp/ecosolutions for details.

Please recycle large-format printing hardware and printing supplies. Find out how at our website: http://www.hp.com/ecosolutions

[1] Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.
[2] ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23ºC (73ºF), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with Original HP inks.
[3] Measured on HP Matte Film.
[4] Based on 8 GB RAM.
[5] BMG trademark license code FSC®-C115319, see http://www.fsc.org. HP trademark license code FSC®-C017543, see http://www.fsc.org. BMG trademark license code PEFC™/29-31-261, see http://www.pefc.org. HP trademark license code PEFC™/29-31-198, see http://www.pefc.org. Not all FSC®- or PEFC™-certified products are available in all regions.
[6] Can be recycled through commonly available recycling programs.
[7] Applicable for dual-roll printers only.

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