HP DesignJet XL 3600 Multifunction Printer series

Experience a new standard with the most immediate and robust MFP in the market[1]

*Product image may differ from actual product

IMMEDIATE RESULTS—Fastest first page out[1]

- Don't wait in front of your printer with the fastest first page out, in just 29 seconds.[1]
- Free up your time with radically simple and fast batch PDF printing using HP Click software.[2]
- Quickly access your personal and group folders from the 15.6-inch touchscreen, so you can print and share right away.[3]
- Easily digitise 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.[1]
- 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 colour prints at the same price and using up to 10X less energy.[2]

SECURE - World-class printer protection with HP Wolf Pro Security

- Safeguard your device from attacks by validating the integrity of your firmware and BIOS with Allowlisting and HP Secure Boot.
- Control who accesses the printer and its confidential documents with secure user authentication.
- Keep your fleet secure at any time with HP Security Manager[6].

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

Messaging Footnotes

[1] 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.
[2] Requires purchase of the HP DesignJet XL 3600 Multifunction Printer series PostScript models or optional HP DesignJet PostScript/PDF Upgrade Kit.
[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.
[5] Advanced embedded security features are based on HP review of 2019 published embedded security features of competitive printers, as of February 2019.
[6] HP Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager

For more information, please visit http://www.hp.com/go/designjetxl3600

Technical specifications

Print

First page out	29 sec[1]; Wake-up time less than 10 sec (no warm-up time)
Print speed	180 A1/hr; 19.3 sec/A1; 3 A1/min[2]
Print resolution	Up to 2400 x 1200 optimised dpi
Technology	HP Thermal Inkjet
Ink types	Dye-based (C, G, M, pK, Y); pigment-based (mK)
Print Cartridges, Number	6 (cyan, gray, magenta, matte black, photo black, yellow)
Ink drop	6 pl (C, M, Y, G, pK); 9 pl (mK)
Print cartridge volume	300 ml
Printheads	1 (C, M, Y, G, mK, pK)
Line accuracy	±0.1%[3]

Scan and copy

Linear scan speed	Scan: Up to 7.62 cm/sec (colour, 200 dpi), up to 25.4 cm/sec (grayscale, 200 dpi); Copy: Up to 15.24 cm/sec (colour, 200 dpi), up to 25.4 cm/sec (grayscale, 200 dpi)
Scan resolution	Up to 600 dpi
Scan format	JPEG, TIFF and multipage TIFF, PDF and multipage PDF[4]
Scan destinations	USB, shared network folder, printer HDD, email
Maximum scan length	50 m (PDF), 12 m (TIFF), 8 m (JPEG)[5]
Technology	Sheetfed, CIS (Contact Image Sensor)
Copier, reduce enlarge	25 to 400%, at 1% increment

Media

Applications	Line drawings; Maps; Orthophotos; Presentations; Renderings
Handling	Sheet feed, spindle-less drawers, automatic front-loading roll feed, smart roll switching[6], integrated output stacker[7], media bin, automatic horizontal cutter; Scanner: straight-through scan paper path for sheet and cardboard originals
Maximum media width	914 mm
Media rolls	2
Roll size	279 to 914-mm width, up to 200-m length, 3-in core (default) or 2-in core (optional)
Maximum roll weight	15 kg
Maximum roll diameter	
Sheet size	210 x 279 to 914 x 1219 mm
Standard media sizes supported	A4, A3, A2, A1, A0
Media Weight Recommended	60 to 328 g/m²
Media thickness (maximum)	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, vinyl), banner and sign materials (polypropylene, scrim banner)

Embedded controller

Memory	128 GB (file processing)[8]
Hard disk	Standard, 500 GB (AES-256 encrypted)
Native print languages	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
Print languages (optional)	Non-PostScript Printer: Adobe PostScript 3, Adobe PDF 1.7

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T), Wi-Fi (with optional Jetdirect accessory), 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)
Mobile printing features	Direct print from mobile apps on iOS, Android and Chrome OS; email printing with HP ePrint and HP Smart app for iOS and Android
Drivers	PostScript Printer: PostScript and PDF Windows drivers, raster drivers for Windows, AirPrint for macOS; Non-PostScript Printer: Raster drivers for Windows, AirPrint for macOS
Security features	HP Wolf Pro Security, HP Secure Boot, Allowlisting, TPM, Role Based Access Control, LDAP and Kerberos authentication, SNMPv3, HTTPS, Secure-IPP, IPsec/Firewall, Certificates management, 802.1X, TLS 1.0/1.1/1.2, HP Web Jetadmin compatible, HP JetAdvantage Security Manager compatible, Secure Disk erase (DoD 5220.22-M), Secure File erase, self-encrypting HDD, encrypted PIN printing, Syslog security logging

Dimensions (W x D x H)

Product	1500 x 660 x 1310 mm
Shipping	1625 x 770 x 1260 mm

Weight

Product	Single-roll: 154 kg, dual-roll: 170 kg
Shipping	Single-roll: 203 kg, dual-roll: 220 kg

Included

What's in the box	HP DesignJet XL 3600 Multifunction Printer, printhead, introductory ink cartridges, scanner calibration sheet, 2-in hub right adapter kit, quick reference guide, setup poster, power cord
HP Software and solutions	HP Click[4], HP mobile, ePrint and iOS/Android support plus the HP Smart app for mobile, HP Web Jetadmin, HP JetAdvantage Security Manager, HP SmartStream[4] (optional)

Environmental ranges

Operating temperature	5 to 35ºC
Operating humidity	20 to 80% RH
Storage temperature	-25 to 55ºC

Acoustics

Sound pressure	Printing: 42 dB(A) (operating), 32 dB(A) (idle), <19 dB(A) (sleep)
Sound power	Printing: 5.9 B(A) (operating), 4.9 B(A) (idle), <3.7 B(A) (sleep)

Power

Consumption	<120 W (printing + scanning); 40 W (ready); <14 W (sleep); 0.3 W (off)
Requirements	Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A

Certifications & Compliance

Safety	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia, Belarus, Khazakstan (EAC); Ukraine (UA); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); India (BIS)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC)
Environmental	ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT
Warranty	90-day limited hardware warranty

Ordering information

Product

HP DesignJet XL 3600 Multifunction Printer series

6KD25A	HP DesignJet XL 3600dr 36-in Multifunction Printer
6KD26A	HP DesignJet XL 3600dr 36-in Multifunction Printer with PostScript/PDF

Accessories

5EK00A	HP HD Pro 2 42-in Scanner
5EK01A	HP SD Pro 2 44-in Scanner
6SE88AAE	HP SmartStream Print Controller for HP PageWide XL 3x00 Printer series
7HC76A	HP DesignJet PostScript/PDF Upgrade Kit
L3J69AAE	HP SmartStream Preflight Manager

Original HP printing supplies

3ED55A	HP 766B 300-ml Photo Black DesignJet Ink Cartridge
3ED56A	HP 766B 300-ml Gray DesignJet Ink Cartridge
3ED57A	HP 766B 300-ml Matte Black DesignJet Ink Cartridge
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
B3P06A	HP 727/732 DesignJet Printhead

Use Original HP inks and printheads, and HP large format printing materials, to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit https://hp.com/go/OriginalHPinks

Original HP large format printing materials

C6810A HP Bright White Inkjet Paper (FSC® certified)[9] (recyclable)[10] 914 mm x 91.4 m (36 in x 300 ft)
C6980A HP Coated Paper (PEFC™ certified)[9] (recyclable)[10] 914 mm x 91.4 m (36 in x 300 ft)
L5C80A HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)[9] (recyclable)[10] 914 mm x 91.4 m (36 in x 300 ft)
D9R28A HP Everyday Matte Polypropylene, 3-in Core 914 mm x 61 m (36 in x 200 ft)
For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Service and Support

UC0G7E HP 3-year NBD HW Support with DMR
UC0G8E HP 4-year NBD HW Support with DMR
UC0G9E HP 5-year NBD HW Support with DMR
UC0H0PE HP 1-year Post Warranty NBD HW Support with DMR
UC0H1PE HP 2-year Post Warranty NBD HW Support with DMR
UC0J5E HP Installation Service with Network Setup

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc

Specification Footnotes

[1] For testing criteria, see http://www.hp.com/go/designjetxlclaims
[2] Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.
[3] ±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.
[4] Available on PostScript models only.
[5] Scanned at 200 dpi. PDF scanning available on PostScript models only.
[6] Applicable for dual-roll printers only.
[7] From A4/A to A0/E, with up to 100 A1/D-size capacity.
[8] Based on 8 GB RAM.
[9] 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.
[10] Can be recycled through commonly available recycling programs.

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Datasheet