# HP DesignJet XL 3600 Multifunction Printer series



Experience a new standard with the most immediate and robust MFP in the market<sup>1</sup>



\*Product image may differ from actual product

#### IMMEDIATE RESULTS-Fastest first page out1

- 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 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.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 color prints at the same price and using up to 10X less energy.1

### 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<sup>6</sup>.

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

<sup>1</sup> 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.

Requires purchase of the HP DesignJet XL 3600 Multifunction Printer series PostScript models or optional HP DesignJet PostScript/PDF Upgrade Kit.

Using Lightweight Directory Access Protocol (LDAP).

\*\*Osk modified Protection to 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/designjetx/cloims.

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/designietxl3600















# **Technical specifications**

Print		Interfaces	
First page out	29 sec <sup>1</sup> ; Wake-up time less than 10 sec (no warm-up time)	,	
Print speed	180 A1/hr; 19.3 sec/A1; 3 A1/min <sup>2</sup>		
Print resolution	Up to 2400 x 1200 optimized dpi		
Technology	HP Thermal Inkjet	Printing paths	
Ink types	Dye-based (C, G, M, pK, Y); pigment-based (mK)		
Print Cartridges, Number	6 (cyan, grey, magenta, matte black, photo black, yellow)		
Ink drop	6 pl (C, M, Y, G, pK); 9 pl (mK)	Mobile printing	
Print cartridge volume	300 ml	Drivers	
Printheads	1(C, M, Y, G, mK, pK)		
Line accuracy	±0.1% <sup>3</sup>	Security featur	
Scan and copy		Coounty Toutur	
Linear scan speed	Scan: Up to 7.62 cm/sec (colour, 200 dpi), up to 25.4 cm/sec (greyscale, 200 dpi); Copy: Up to 15.24 cm/sec (colour, 200 dpi), up to 25.4 cm/sec (greyscale, 200 dpi)		
Scan resolution	Up to 600 dpi	Dimensions	
Scan format	JPEG, TIFF and multipage TIFF, PDF and multipage PDF <sup>4</sup>	Product	
Scan destinations	USB, shared network folder, printer HDD, email	Shipping	
Maximum scan length	50 m (PDF), 12 m (TIFF), 8 m (JPEG) <sup>5</sup>	Weight	
Technology	Sheetfed, CIS (Contact Image Sensor)	Product	
Copier, reduce enlarge	25 to 400%, at 1% increment	Shipping	
Media		Included	
Applications	Line drawings; Maps; Orthophotos; Presentations; Renderings	What's in the ba	
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	HP Software an	
Maximum media width	914 mm		
Media rolls	2	Environment	
Roll size	279 to 914-mm width, up to 200-m length, 3-in core (default) or 2-in core (optional)	Operating temp	
Maximum roll weight	15 kg	Operating humi	
Maximum roll diameter	180 mm	Storage temper	
Sheet size	210 x 279 to 914 x 1219 mm	Acoustics	
Standard media sizes supported	A4, A3, A2, A1, A0	Sound pressure	
Media Weight Recommended	60 to 328 g/m²	Sound power	
Media thickness (maximum)	Up to 0.5 mm	Power	
	Bond and coated paper (bond, coated, heavyweight coated, super heavyweight plus	Consumption	
Media types	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,	Requirements	
		Certification	
	scrim banner)	Safety	
Embedded controller			
Memory	128 GB (file processing) <sup>8</sup>	Electromagnetic	
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	Environmental	
Print languages (optional)  Connectivity	Non-PostScript Printer: Adobe PostScript 3, Adobe PDF 1.7	Warranty	
Ordering informo	ition	Use Original HP	
HP DesignJet XL 3600 Multifunction	on Printer series	and reliable perf together as an o	
	Jet XL 3600dr 36-in Multifunction Printer Jet XL 3600dr 36-in Multifunction Printer	Protect your HP visit https://hp.c	

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), I-PD, 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, 8021X, 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 (WxDxH)		
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 <sup>4</sup> , HP mobile, ePrint and iOS/Android support plus the HP Smart app for mobile, HP Web Jetadmin, HP JetAdvantage Security Manager, HP SmartStream <sup>4</sup> (optional)	
Environmental ranges		
Operating temperature	5 to 35°C	
Operating humidity	20 to 80% RH	
Storage temperature	-25 to 55°C	
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 & Complic	ance	
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	A versions: 90-day limited hardware warranty; H versions: Two-year limited hardware warranty	

#### Accessorie

3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory

5FK00A HP HD Pro 2 42-in Scanne 5EK01A HP SD Pro 2 44-in Scanne 7HC76A

HP DesignJet PostScript/PDF Upgrade Kit HP F40 Folder 8SF40A 8SW00A HP SmartStream USB Preflight Manager 8SW00AAF

HP SmartStream Preflight Manager
HP SmartStream Print Controller USB for HP XL 3000 Printer series
HP SmartStream Print Controller for HP XL 3000 Printer series 8SW02A 8SW02AAE

HP SmartTracker USB for HP XL 3000 Printer series
HP SmartTracker for HP XL 3000 Printer series
HP DesignJet XL 3600 MFP Folder Upgrade Kit 8SW12A 8SW12AAE 6SE87A

# Original HP printing supplies

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

Pinks and printheads, and HP large format printing materials, to experience consistent high quality rformance that enable less downtime. These critical components are designed and engineered rformance that enable less downtime. These critical components are designed and engineered optimized printing system, and Original HP inks are designed to maximize the life of HP printheads. Printer investment by using Original HP inks for full HP warranty protection. For more information, om/go/OriginalHPinks

#### Original HP large format printing materials

C6810A HP Bright White Inkjet Paper (FSC¬ certified)<sup>9</sup> (recyclable)<sup>10</sup> 914 mm x 91.4 m C6980A HP Coated Paper (PEFC» certified)<sup>9</sup> (recyclable)<sup>10</sup> 914 mm x 91.4 m

L5C80A HP Universal Heavyweight Coated Paper, 3-in Core (FSC - certified) $^9$  (recyclable) $^{10}$  914 mm x 91.4 m D9R28A HP Everyday Matte Polypropylene, 3-in Core 914 mm x 61 mm

 $For the \ entire\ HP\ Large\ Format\ Printing\ Materials\ portfolio, please\ see\ HPLFMedia.com.$ 

## Service and Support

UCON8E HP 3 year Parts and Remote Support with Defective Media Retention UCON9E HP 4 year Parts and Remote Support with Defective Media Retention UCOP0E HP 5 year Parts and Remote Support with Defective Media Retention

UCOJIPE HP 1 year Post Warranty Parts and Remote Support with Defective Media Retention UCOJ2PE HP 2 year Post Warranty Parts and Remote Support with Defective Media Retention

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**

<sup>1</sup>For testing criteria, see http://www.hp.com/go/designjetxlclaims <sup>2</sup> 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 23°C, 50-60% relative humidity, on A0 HP Matte Film in Best or Normal mode with Original HP inks.

<sup>4</sup> Available on PostScript models only.

Scanned at 200 dpi. PDF scanning available on PostScript models only.
 Applicable for dual-roll printers only.
 From A4 to A0, with up to 100 A1-size capacity.

BMG trademark license code FSC\*-C115319, see http://www.fsc.org. HP trademark license code FSC\*-C17543, 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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