

# HP DesignJet XL 3600 Multifunction Printer series



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



## IMMEDIATE RESULTS—Fastest first page out<sup>1</sup>

- Don't wait in front of your printer with the fastest first page out, in just 29 seconds.<sup>1</sup>
- Free up your time with radically simple and fast batch PDF printing using HP Click software.<sup>2</sup>
- Quickly access your personal and group folders from the 15.6-inch touchscreen, so you can print and share right away.<sup>3</sup>
- 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.<sup>1</sup>
- Best fit for your office with up to 30% smaller footprint and the most quiet operation.<sup>4</sup>
- 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.<sup>1</sup>

## 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>.

## Sustainability in action

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.

<sup>2</sup> Requires purchase of the HP DesignJet XL 3600 Multifunction Printer series PostScript models or optional HP DesignJet PostScript/PDF Upgrade Kit.

<sup>3</sup> Using Lightweight Directory Access Protocol (LDAP).

<sup>4</sup> 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/designjetclaims>.

<sup>5</sup> Advanced embedded security features are based on HP review of 2019 published embedded security features of competitive printers, as of February 2019.

<sup>6</sup> HP Security Manager must be purchased separately. To learn more, please visit [hp.com/go/securitymanager](http://hp.com/go/securitymanager)

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



POWERED BY  
Adobe PDF Print Engine



Datasheet

# Technical specifications

<b>Print</b>	
<b>First page out</b>	29 sec <sup>1</sup> ; Wake-up time less than 10 sec (no warm-up time)
<b>Print speed</b>	180 D/hr; 19.3 sec/D; 3 D/min <sup>2</sup>
<b>Print resolution</b>	Up to 2400 x 1200 optimized dpi
<b>Technology</b>	HP Thermal Inkjet
<b>Ink types</b>	Dye-based (C, G, M, pK, Y); pigment-based (mK)
<b>Print Cartridges/Bottle, Number</b>	6 (cyan, gray, magenta, matte black, photo black, yellow)
<b>Ink drop</b>	6 pl (C, M, Y, G, pK); 9 pl (mK)
<b>Print cartridge/bottle volume delivered</b>	300 ml
<b>Printheads</b>	1 (C, M, Y, G, mK, pK)
<b>Line accuracy</b>	±0.1% <sup>3</sup>
<b>Scan and copy</b>	
<b>Linear scan speed</b>	Scan: Up to 3 in/sec (color, 200 dpi), up to 10 in/sec (grayscale, 200 dpi); Copy: Up to 6 in/sec (color, 200 dpi), up to 10 in/sec (grayscale, 200 dpi)
<b>Scan resolution</b>	Up to 600 dpi
<b>Scan format</b>	JPEG, TIFF and multipage TIFF, PDF and multipage PDF <sup>4</sup>
<b>Scan destinations</b>	USB, shared network folder, printer HDD, email
<b>Maximum scan length</b>	164 ft (PDF), 39 ft (TIFF), 26 ft (JPEG) <sup>5</sup>
<b>Technology</b>	Sheetfed, CIS (Contact Image Sensor)
<b>Thickness</b>	0.03 in
<b>Media</b>	
<b>Applications</b>	Line drawings; Maps; Orthophotos; Presentations; Renderings
<b>Handling</b>	Sheet feed, spindle-less drawers, automatic front-loading roll feed, smart roll switching <sup>6</sup> , integrated output stacker <sup>7</sup> , media bin, automatic horizontal cutter; Scanner: straight-through scan paper path for sheet and cardboard originals
<b>Maximum media width</b>	36 in
<b>Media rolls</b>	2
<b>Roll size</b>	11 to 36-in width, 656-ft length, 3-in core (default) or 2-in core (optional)
<b>Maximum roll weight</b>	33 lb
<b>Maximum roll diameter</b>	7 in
<b>Sheet/board size</b>	8.3 x 11 to 36 x 48 in
<b>Standard sheets/boards</b>	A, B, C, D, E
<b>Media types</b>	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)
<b>Embedded controller</b>	
<b>Memory</b>	128 GB (file processing) <sup>8</sup>
<b>Hard disk</b>	Standard, 500 GB (AES-256 encrypted)
<b>Native print languages</b>	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
<b>Print languages (optional)</b>	Non-PostScript Printer: Adobe PostScript 3, Adobe PDF 1.7
<b>Connectivity</b>	

## Ordering information

<b>Product</b>	
HP DesignJet XL 3600 Multifunction Printer series	
6KD26A	HP DesignJet XL 3600dr 36-in Multifunction Printer with PostScript/PDF
<b>Accessories</b>	
5EK00A	HP HD Pro 2 42-in Scanner
5EK01A	HP SD Pro 2 44-in Scanner
7HC76A	HP DesignJet PostScript/PDF Upgrade Kit
8SW00A	HP SmartStream USB Preflight Manager
8SW00AAE	HP SmartStream Preflight Manager
8SW02A	HP SmartStream Print Controller USB for HP XL 3000 Printer series
8SW02AAE	HP SmartStream Print Controller for HP XL 3000 Printer series
8SW12A	HP SmartTracker USB for HP XL 3000 Printer series
8SW12AAE	HP SmartTracker for HP XL 3000 Printer series
<b>Original HP printing supplies</b>	
B3P06A	HP 727/732 DesignJet Printhead

## Specification Footnotes

<sup>1</sup> For testing criteria, see <http://www.hp.com/go/designjetclaims>

<sup>2</sup> Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks.

<sup>3</sup> ±01% of the specified vector length or ±0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with Original HP inks.

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

<sup>5</sup> Scanned at 200 dpi. PDF scanning available on PostScript models only.

<sup>6</sup> Applicable for dual-roll printers only.

<sup>7</sup> From A4/A to A0/E, with up to 100 A1/D-size capacity.

<sup>8</sup> Based on 8 GB RAM.

<sup>9</sup> 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.

<sup>10</sup> Can be recycled through commonly available recycling programs.

<b>Interfaces</b>	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
<b>Printing paths</b>	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)
<b>Mobile printing features</b>	Direct print from mobile apps on iOS, Android and Chrome OS; email printing with HP ePrint and HP Smart app for iOS and Android
<b>Drivers</b>	PostScript Printer: PostScript and PDF Windows drivers, raster drivers for Windows, AirPrint for macOS; Non-PostScript Printer: Raster drivers for Windows, AirPrint for macOS
<b>Security features</b>	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
<b>Dimensions (W x D x H)</b>	
<b>Printer</b>	59 x 26 x 52 in
<b>Shipping</b>	64 x 30 x 50 in
<b>Weight</b>	
<b>Printer</b>	Single-roll: 340 lb, dual-roll: 375 lb
<b>Shipping</b>	Single-roll: 448 lb, dual-roll: 485 lb
<b>Included</b>	
<b>What's in the box</b>	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
<b>HP Software and solutions</b>	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), HP SmartTracker (optional)
<b>Environmental ranges</b>	
<b>Operating temperature</b>	41 to 95°F
<b>Operating humidity</b>	20 to 80% RH
<b>Storage temperature</b>	-13 to 131°F
<b>Acoustics</b>	
<b>Sound pressure</b>	Printing: 42 dB(A) (operating), 32 dB(A) (idle), <19 dB(A) (sleep)
<b>Sound power</b>	Printing: 5.9 B(A) (operating), 4.9 B(A) (idle), <3.7 B(A) (sleep)
<b>Power</b>	
<b>Consumption</b>	<120 W (printing + scanning); 40 W (ready); <14 W (sleep); 0.3 W (off)
<b>Requirements</b>	Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A
<b>Certification</b>	
<b>Safety</b>	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia, Belarus, Khazakistan (EAC); Ukraine (UA); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); India (BIS)
<b>Electromagnetic</b>	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)
<b>Environmental</b>	ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT
<b>Warranty</b>	90-day limited hardware warranty

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)<sup>9</sup> (recyclable)<sup>10</sup> 914 mm x 914 m (36 in x 300 ft)  
**C6980A** HP Coated Paper (PEFC™ certified)<sup>9</sup> (recyclable)<sup>10</sup> 914 mm x 914 m (36 in x 300 ft)  
**L5C80A** HP Universal Heavyweight Coated Paper, 3-in Core (FSC® certified)<sup>9</sup> (recyclable)<sup>10</sup> 914 mm x 914 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](http://HPLFMedia.com).  
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>

