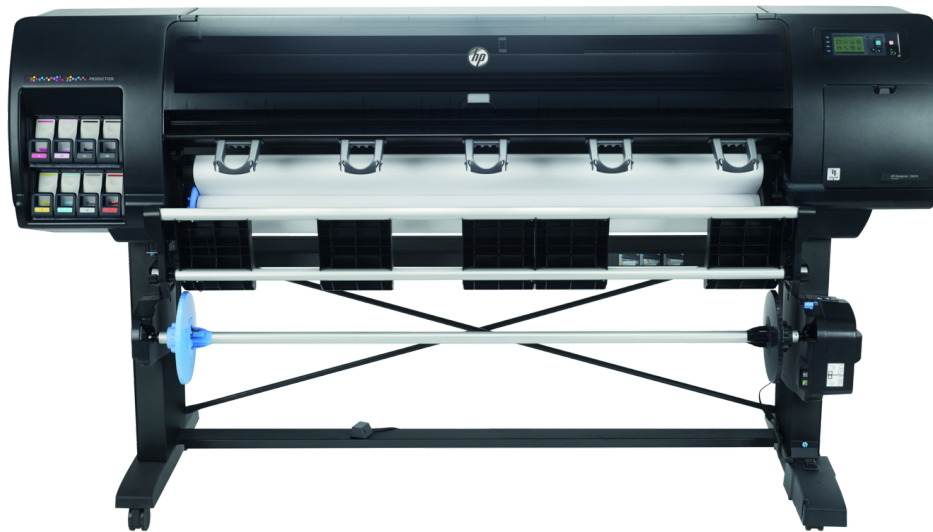




HP DesignJet Z6810 Production Printer series

The fastest high-quality production printing solution¹



IMPRESSIVE—Meet high-quality expectations

- Help your customers stand out from impactful photos to detailed maps/line drawings, with optimized printheads.
- Avoid rework with consistent, accurate color across prints and printers, with embedded spectrophotometer.³
- Meet your customers' expectations for precise colors with HP Professional PANTONE® color emulation.⁴

PRODUCTIVE—Increase your production volumes

- Accommodate production peaks with print speeds up to 212 ft²/hr on glossy and 548 ft²/hr on plain paper.⁵
- Handle more jobs with 500 GB hard disk capacity.
- Work without interruption with long media rolls, 775-ml HP ink cartridges, and a built-in take-up reel.

RELIABLE—No need to change the way you work

- Seamlessly integrate with the market-leading RIPs, enabled by HP's RIP certification program.²
- Turn operator efficiency into operating profit with HP SmartStream job preparation and processing software.
- Enjoy one-click printing that also helps reduce media waste using HP Click printing software.⁶

For more information, please visit <http://www.hp.com/go/designjetz6810>

¹ Compared with large-format photo inks inkjet printers under \$10,000 USD for graphics applications. Based on the fastest-rated color speeds as published by manufacturers as of June, 2017. Test methods vary.

² For a list of HP-certified RIPs, visit: <https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c07798647>

³ Embedded in the HP DesignJet Z6810 Production Printer is an i1 spectrophotometer from X-Rite. Close collaboration between HP and X-Rite ensures a reliable solution that's been thoroughly tested to meet customer demands for ease, quality, and dependability.

⁴ HP Professional PANTONE® color emulation and Adobe PostScript®/PDF upgrade kit sold separately.

⁵ Using glossy paper and Normal mode, HP DesignJet Z6810 Production Printers can achieve print speeds up to 212 ft²/hour. Using plain paper and Normal mode, HP DesignJet Z6810 Production Printers can achieve speeds up to 548 ft²/hour.

⁶ Once image is selected, one-click printing when printing the entire page without any modifications to the print settings. Applicable to PDF, JPEG, TIFF, and HP-GL/2 files.

Technical specifications

Print	
Print speed	42-in: Fast-Economode: 1225 f ¹ /hr on plain media Normal: 236 f ¹ /hr on coated media Best: 118 f ¹ /hr on glossy media 60-in: Fast-Economode: 1500 f ¹ /hr on plain media Normal: 283 f ¹ /hr on coated media Best: 141 f ¹ /hr on glossy media ¹
Print resolution	Upto 2400 x 1200 optimized dpi
Technology	HP Thermal Inkjet
Margins	Roll: 0.2 x 0.2 x 0.2 x 0.2 in
Ink types	Pigment-based
Print heads	8 (2x matte black/chromatized, 2x magenta/yellow, 2x light magenta/cyan, 2x photo black/light gray)
Print head nozzles	2112 per color
Line accuracy	±0.1%
Minimum linewidth	0.0008 in (HP-GL/2 addressable)
Color accuracy	Median < 1.25 dE2000, 95% of colors < 2.75 dE2000 ²
Short-term color stability	< 1 dE2000 in less than 5 minutes ²
Long-term print-to-print repeatability	Average < 0.5 dE2000, 95% of colors < 1.25 dE2000 ²
Max optical density	4.5 L*min/2.31 D ²
Media	
Handling	Roll feed, automatic horizontal cutter, media bin ³ , take-up reel ⁴
Roll size	42-in: 11 to 42 in 60-in: 11 to 60 in
Grammage	80 to 500 g/m ²
Thickness	Upto 22 mil
Applications	Exhibition and event graphics; Graphics design; Indoor posters; Layouts and comps; Light boxes; Paper; Lin drawings; Maps; Office graphics; Orthophotos; Photo maps; Point of sale/display; POP/POS; Posters; Presentations; Renderings; Schematics; Technical presentations
Memory	64 GB file processing (based on 1 GB RAM)
Hard disk	500 GB
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T); EIO JetDirect accessory slot
Native print languages	HP-GL/2, HP-RTL, CALS/G4
Print languages (optional)	Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG
Drivers	Raster driver for Windows PostScript driver for Windows and macOS with optional PostScript/PDF Upgrade Kit
Security features	SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure Erase, Secure disk erase
Dimensions (W x D x H)	
Printer	42-in: 77.5 x 27.2 x 53.9 in 60-in: 95.7 x 27.2 x 53.9 in
Shipping	42-in: 89.8 x 28.9 x 47.2 in 60-in: 105.6 x 29.5 x 47.2 in
Weight	
Printer	42-in: 271 lb 60-in: 419 lb
Shipping	42-in: 390.2 lb 60-in: 489.4 lb
What's in the box	HP DesignJet Z6810 Production Printer, spindle, print heads, introductory ink cartridges, maintenance cartridge, printer stand, media bin ³ , take-up reel ⁴ , 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord
HP Software and solutions	Printer drivers, HP Click, HP DesignJet Utility including HP Color Center
Environmental ranges	
Operating temperature	41 to 104°F
Operating humidity	20 to 80% RH
Storage temperature	-4 to 131°F
Acoustics	
Sound pressure	53 dB(A) (operating), 39 dB(A) (idle), 39 dB(A) (sleep)
Sound power	7.0 B(A) (operating), 5.5 B(A) (idle), 5.5 B(A) (sleep)
Power	
Consumption	270 W (printing); < 48 W (ready); < 5.3 W (sleep); < 0.3 W (off)
Requirements	Input voltage (auto ranging): 100-127 V (±10%), 5 A; 220-240 V (±10%), 3 A; 50/60 Hz (±3 Hz)

Certification	
Safety	USA and Canada (CSA certified); EU (LV D and EN 60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NCE); Korea (KC)
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 (MSIP)
Environmental	ENERGY STAR, WEEE, RoHS (EU, China, Korea, India); REACH, EPEAT Bronze
Warranty	One-year limited hardware warranty

Ordering information

Product	
Z6U12A	HP DesignJet Z6810 42-in Production Printer
Z6U12B	HP DesignJet Z6810 42-in Production Printer
Accessories	
SEK00A	HP HD Pro 242-in Scanner
SEK00D	HP HD Pro 242-in Scanner
SEK01A	HP SD Pro 244-in Scanner
SEK01D	HP SD Pro 244-in Scanner
CO745B	HP DesignJet PostScript/PDF Upgrade Kit
CO752A	HP DesignJet 42-in Take-up Reel
CO754A	HP DesignJet 60-in Spindle
L3J69AAE	HP SmartStream Pre-light Manager
L3J79AAE	HP SmartStream Print Controller for HP DesignJet Z6x0 Production Printers
Q6714A	HP DesignJet 60-in Media Bin
Q6715A	HP DesignJet User Maintenance Kit
Original HP printing supplies	
B6Y15A	HP771A775-ml Matte Black DesignJet Ink Cartridge
B6Y17A	HP771A775-ml Magenta DesignJet Ink Cartridge
B6Y18A	HP771A775-ml Yellow DesignJet Ink Cartridge
B6Y19A	HP771A775-ml Light Magenta DesignJet Ink Cartridge
B6Y20A	HP771A775-ml Light Cyan DesignJet Ink Cartridge
B6Y21A	HP771A775-ml Photo Black DesignJet Ink Cartridge
B6Y22A	HP771A775-ml Light Gray DesignJet Ink Cartridge
B6Y39A	HP771A3-pack 775-ml Matte Black DesignJet Ink Cartridges
B6Y41A	HP771A3-pack 775-ml Magenta DesignJet Ink Cartridges
B6Y42A	HP771A3-pack 775-ml Yellow DesignJet Ink Cartridges
B6Y43A	HP771A3-pack 775-ml Light Magenta DesignJet Ink Cartridges
B6Y44A	HP771A3-pack 775-ml Light Cyan DesignJet Ink Cartridges
B6Y45A	HP771A3-pack 775-ml Photo Black DesignJet Ink Cartridges
B6Y46A	HP771A3-pack 775-ml Light Gray DesignJet Ink Cartridges
CH844A	HP771 DesignJet Maintenance Cartridge
P2J97A	HP774 Matte Black/Chromatic Red DesignJet Printhead
P2J98A	HP774 Light Magenta/Cyan DesignJet Printhead
P2J99A	HP774 Magenta/Yellow DesignJet Printhead
P2W00A	HP774 Photo Black/Light Gray DesignJet Printhead
P2W02A	HP774 775-ml Chromatic Red DesignJet Ink Cartridge
Use Original HP Inks and print heads, and HP large format printing materials, to experience consistent high quality and reliable performance that enables less downtime. These critical components are designed and engineered together as an optimized printing system, and Original HP Inks are redesigned to maximize the life of HP print heads. Protect your HP printer investment by using Original HP Inks for full HP warranty protection. For more information, visit hp.com/go/OriginalHPInks .	
Original HP large format printing materials	
HP Everyday Matte Polypropylene	
HP Artist Matte Canvas	
HP Super Heavyweight Plus Matte Paper (FSC® certified) ⁵ (Recyclable) ⁶	
HP Premium Instant-dry Satin Photo Paper (FSC® certified) ⁵ (Recyclable) ⁶	
HP Premium Vivid Color Backlit Film	
For the entire HP Large Format Printing Materials portfolio, please see HP.LFMedia.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	

¹ Maximum rate of output for color image 100% color coverage. Printed on maximum roll size, with Original HP Vivid Photo Inks.
² With HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks.
³ Not included in the box for 60-in models.
⁴ Not included in the box for 42-in models.
⁵ BMJ 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.
⁶ Recyclable HP papers can be recycled through commonly available recycling programs, or according to region-specific practices, or can be returned through the HP Large Format Media take-back program. Recycling programs may not exist in your area. See <http://www.HPLFMedia.com/hp/ecosolutionsfor> details.

