



HP DesignJet Z6610 60-in Production Printer

The fastest graphics production printing solution¹



SHARP – High-quality, durable output

- Achieve high impact and clear readability from line drawings to posters, with optimised printheads.
- Maintain high quality with optimised maintenance routines.
- Work without concern for damage with water-/fade-resistant prints by HP Vivid Photo Inks.²

PRODUCTIVE – Handle production peaks

- Manage high workloads with print speeds up to 212 ft²/h (19.7 m²/h) on glossy and 548 ft²/h (50.9 m²/h) on plain paper.³
- Handle more jobs with 500 GB hard disk capacity.
- Complete job after job with long media rolls, 775-ml HP ink cartridges, and a built-in take-up reel.

RELIABLE – Fits your current workflow

- Seamlessly integrate with the market-leading software.
- Improve operator efficiency with HP SmartStream job preparation and processing software.
- Enjoy one-click printing with HP Click printing software.⁴

For more information, please visit <http://www.hp.com/go/designjetz6610>

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: <http://www.hp.com/go/learnaboutsupplies>

¹ Compared with large-format inkjet printers under €25,000 for graphics applications. Based on the fastest-rated colour speeds as published by manufacturers as of June, 2017. Test methods vary.

² Performance may vary based on writing system differences. Print permanence estimates by HP Image Permanence Lab based on the same formulation of HP Vivid Photo Inks used with the HP DesignJet Z6200 Photo Production Printer, using 6 inks. Water resistance performance varies based on printer and print profile. Water resistance testing by HP Image Permanence Lab on a range of HP media and follows ISO 18935 method. Display permanence rating for interior displays/away from direct sunlight by HP Image Permanence Lab on a range of HP media. For more information, see <http://www.HPLFMedia.com/printpermanence>.

³ Using glossy paper and normal mode, the HP DesignJet Z6610 Production Printer can achieve print speeds up to 212 ft²/h (19.7 m²/h). Using plain paper and Normal mode, the HP DesignJet Z6610 Production Printer can achieve speeds up to 548 ft²/h (50.9 m²/h).

⁴ Once image is selected, one-click printing when printing the entire file without any modifications to the print settings. Applicable to PDF, JPEG, TIFF, and HP-GL/2 files.

Technical specifications

Print

Print speed	Up to 140 m ² /hr ¹ (Up to 1500 ft ² /hr ¹) on plain media 1.5 min/page ² on A1/D or up to 26.3 m ² /hr ¹ (283 ft ² /hr ¹) on coated media 3.2 min/page ² on A1/D or up to 13.1 m ² /hr ¹ (141 ft ² /hr ¹) on glossy media
Print resolution	Up to 2400 x 1200 optimised dpi
Technology	HP Thermal Inkjet
Margins	Roll: 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 in)
Ink types	Pigment-based
Ink cartridges	6 (cyan, magenta, yellow, matte black, photo black, light grey)
Printheads	6 (cyan, magenta, yellow, matte black, photo black, light grey)
Line accuracy	±0.1%
Minimum line width	0.02 mm (HP-GL/2 addressable)
Guaranteed minimum line width	0.067 mm (ISO/IEC 13660:2001(E))

Media

Handling	Roll feed, automatic horizontal cutter, take-up reel
Media type	Bond and coated paper, technical paper, film, photographic paper, proofing paper, backlit, self-adhesive, banner and sign, fabric, fine art printing material
Roll size	280 to 1524 mm (11 to 60 in)
Grammage	80 to 500 g/m ²
Applications	Exhibition and event graphics; Graphics design; Indoor posters; Layouts and comps; Light boxes - paper; Line drawings; Maps; Office Graphics; Orthophotos; Photo maps; Photos; Point of sale/display; POP/POS; Posters; Presentations; Renderings; Schematics; Technical presentations

Memory 64 GB (virtual)³; 500 GB Hard disk

Connectivity

Interfaces	Gigabit Ethernet (1000Base-T), EIO Jetdirect accessory slot
Print languages (standard)	HP-GL/2, HP-RTL, CALS G4
Print languages (optional)	Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG
Drivers	Raster drivers for Windows and macOS; PostScript drivers for Windows and macOS with optional PostScript/PDF Upgrade Kit

Dimensions (w x d x h)

Printer	2430 x 690 x 1370 mm (95.7 x 27.2 x 53.9 in)
Shipping	2684 x 750 x 1200 mm (105.6 x 29.5 x 47.2 in)

Weight

Printer	190 kg (419 lb)
Shipping	220 kg (485 lb)

What's in the box HP DesignJet Z6610 Production Printer; Spindle; Printheads; Introductory ink cartridges; Maintenance cartridge; Printer stand; Take-up reel; 3-in spindle adapter kit; Quick reference guide; Setup poster; Startup software; Power cord

Software available Free: HP Applications Center, HP Click, printer drivers, HP DesignJet Utility including HP Color Center, HP Partner Link Pay-per-use, HP Web JetAdmin; Pay: HP SmartStream

Environmental ranges

Operating temperature	5 to 40°C (41 to 104°F)
Operating humidity	20 to 80% RH

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	EU (LVD and EN 60950-1 compliant); Russia (GOST)
Electromagnetic	Compliant with Class A requirements, including: EU (EMC Directive)
Environmental	ENERGY STAR; WEEE; RoHS (EU); REACH; EPEAT Bronze
Warranty	One-year limited hardware warranty

Ordering information

Product

ZQU13A HP DesignJet Z6610 60-in Production Printer

Accessories

CQ754A	HP DesignJet Z6200 60-in Spindle
Q6714A	HP DesignJet 60-in Media Bin
Q6715A	HP DesignJet User Maintenance Kit
G6H51B	HP HD Pro 42-in Scanner
J8025A	HP Jetdirect 640n Print Server
CQ745B	HP DesignJet PostScript/PDF Upgrade Kit
L3J69AAE	HP SmartStream Preflight Manager
L3J79AAE	HP SmartStream Print Controller for HP DesignJet Z6xx0 Production Printers

Original HP printing supplies

P2V99A	HP 774 Magenta/Yellow DesignJet Printhead
P2W00A	HP 774 Photo Black/Light Gray DesignJet Printhead
P2W01A	HP 774 Matte Black/Cyan DesignJet Printhead
C1Q37A	HP 773C 775-ml Matte Black DesignJet Ink Cartridge
C1Q39A	HP 773C 775-ml Magenta DesignJet Ink Cartridge
C1Q40A	HP 773C 775-ml Yellow DesignJet Ink Cartridge
C1Q42A	HP 773C 775-ml Cyan DesignJet Ink Cartridge
C1Q43A	HP 773C 775-ml Photo Black DesignJet Ink Cartridge
C1Q44A	HP 773C 775-ml Light Gray DesignJet Ink Cartridge
CH644A	HP 771 DesignJet Maintenance Cartridge

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 hp.com/go/OriginalHPInks.

Service and Support

U9ZK1E HP 3 year Next Business Day plus Defective Media Retention Support
U9ZK3E HP 5 year Next Business Day plus Defective Media Retention Support
U9ZK4E HP 1 year Post Warranty, Next Business Day plus Defective Media Retention Support
U9ZK5E HP 2 year Post Warranty, Next Business Day plus Defective Media Retention Support
H4518E HP Installation Service with Network Setup

HP DesignJet Support Services offer solutions for business critical environments—installation, extended support and maintenance, as well as variety of value-added services. For more information, please visit hp.com/go/designjetsupport.

For the entire **HP Large Format Printing Materials** Portfolio, please see HPLFMedia.com.

ECO highlights

- ENERGY STAR[®] certified¹, EPEAT[®] Bronze registered as environmentally preferable product²
- Breakthrough colour consistency can help reduce unnecessary reprints
- Free, convenient HP ink cartridge and printhead recycling³
- FSC[®]-certified papers⁴, range of recyclable HP media with a take-back program⁵

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

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.

⁵ HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See <http://www.HPLFMedia.com/hp/ecosolutions> for details.

¹ Maximum rate of output for colour image 100% colour coverage. Printed in Economode, on HP Bright White Inkjet Paper (bond), maximum roll size, with Original HP Vivid Photo Inks.

² Mechanical printing time with Original HP Vivid Photo Inks.

³ Based on 1 GB RAM.

