



# HP DesignJet Z6610 Production Printer

The fastest graphics production printing solution<sup>1</sup>



## **SHARP**—High-quality, durable output

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

## **PRODUCTIVE**—Handle production peaks

- Manage high workloads with print speeds up to 212 ft<sup>2</sup>/hr on glossy and 548 ft<sup>2</sup>/hr on plain paper.<sup>3</sup>
- 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.<sup>4</sup>

For more information, please visit  
[hp.com/go/DesignJetZ6610](http://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: [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies)

<sup>1</sup> Compared with large-format inkjet printers under \$25,000 USD for graphics applications. Based on the fastest-rated color speeds as published by manufacturers as of June, 2017. Test methods vary.

<sup>2</sup> 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 [HPLFMedia.com/printpermanence](http://HPLFMedia.com/printpermanence).

<sup>3</sup> Using glossy paper and Normal mode, the HP DesignJet Z6610 Production Printer can achieve print speeds up to 212 ft<sup>2</sup>/hour. Using plain paper and Normal mode, the HP DesignJet Z6610 Production Printer can achieve speeds up to 548 ft<sup>2</sup>/hour.

<sup>4</sup> 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

<b>Print</b>	Max print speed	1500 ft <sup>2</sup> /hr <sup>1</sup> (140 m <sup>2</sup> /hr <sup>1</sup> ) on plain media
	Color images	Normal: 1.5 min/page <sup>2</sup> on A1/D or up to 283 ft <sup>2</sup> /hr <sup>1</sup> (26.3 m <sup>2</sup> /hr <sup>1</sup> ) on coated media Best: 3.2 min/page <sup>2</sup> on A1/D or up to 141 ft <sup>2</sup> /hr <sup>1</sup> (13.1 m <sup>2</sup> /hr <sup>1</sup> ) on glossy media
	Print resolution	Up to 2400 x 1200 optimized dpi
	Technology	HP Thermal Inkjet
	Margins	0.2 x 0.2 x 0.2 x 0.2 in (5 x 5 x 5 mm)
	Ink types	Pigment-based
	Ink cartridges	6 (Cyan, magenta, yellow, light gray, matte black, photo black)
	Printheads	6 (Cyan, magenta, yellow, light gray, matte black, photo black)
	Short term color stability	< 1 dE2000 less than 5 minutes <sup>3</sup>
	Long term print-to-print repeatability	Average < 0.5 dE2000, 95% of colors < 1.25 dE2000 <sup>3</sup>
<b>Image quality</b>	Maximum optical density	4.5 L* min/2.31 D <sup>3</sup>
	Handling	roll feed, automatic horizontal cutter, take-up reel
	Roll size	11 to 60 in; (280 to 1524 mm)
	Weight	Up to 460 g/m <sup>2</sup>
<b>Media</b>	Thickness	Up to 22 mil (Up to 0.6 mm)
	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
<b>Memory</b>	64 GB (virtual) <sup>4</sup> ; 500 GB hard disk	
<b>Connectivity</b>	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
<b>Security features</b>	SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase	
<b>Dimensions (w x d x h)</b>	Printer	95.7 x 27.2 x 53.9 in (2430 x 690 x 1370 mm)
	Shipping	105.6 x 29.5 x 47.2 in (2684 x 750 x 1200 mm)
<b>Weight</b>	Printer	419 lb (190 kg)
	Shipping	485 lb (220 kg)
<b>What's in the box</b>	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	
<b>Software included</b>	Printer drivers, HP Click, HP Applications Center, HP DesignJet Utility including HP Color Center	
<b>Environmental ranges</b>	Operating temperature	41 to 104° F (5 to 40° C)
	Operating humidity	20 to 80% RH
<b>Acoustic</b>	Sound pressure	53 dB(A) (printing); 39 dB(A) (ready); 39 dB(A) (sleep)
	Sound power	7.0 B(A) (printing); 5.5 B(A) (ready); 5.5 B(A) (sleep)
<b>Power</b>	Consumption	270 watts (printing); < 48 watts (ready); < 5.3 watts (sleep); < 0.3 watts (off)
	Requirements	Input voltage (auto ranging): 100-127 V (±10%), 5 A; 220-240 V (±10%), 3 A; 50/60 Hz (±3 Hz)
<b>Certification</b>	Safety	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); 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
<b>Warranty</b>	One-year limited hardware warranty	

<sup>1</sup> Maximum rate of output for color image 100% color coverage. Printed in Economode, on HP Bright White Inkjet Paper (bond), maximum roll size, with Original HP Vivid Photo Inks.  
<sup>2</sup> Mechanical printing time with Original HP Vivid Photo Inks.  
<sup>3</sup> With HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks.  
<sup>4</sup> Based on 1 GB RAM  
<sup>5</sup> 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.  
<sup>6</sup> 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 [HPLFMedia.com/hp/ecosolutions](http://HPLFMedia.com/hp/ecosolutions) for details.

## Ordering information

<b>Product</b>	ZQU13A	HP DesignJet Z6610 60-in Production Printer
<b>Accessories</b>	G6H51B	HP HD Pro 42-in Scanner
	CQ745B	HP DesignJet PostScript/PDF Upgrade Kit
	CQ754A	HP DesignJet 60-in Spindle
	J8025A	HP Jetdirect 640n Print Server
	Q6714A	HP DesignJet 60-in Media Bin
	Q6715A	HP DesignJet User Maintenance Kit
	L3J69AAE	HP SmartStream Preflight Manager <sup>14</sup>
	L3J79AAE	HP SmartStream Print Controller for HP DesignJet Z6200/6600/6800 Production <sup>14</sup>
	L3J71AAE	HP SmartStream Preflight Manager One-Year Subscription <sup>15</sup>
	<b>Original HP printheads</b>	P2V99A
P2W00A		HP 774 Photo Black/Light Gray DesignJet Printhead
P2W01A		HP 774 Matte Black/Cyan DesignJet Printhead
<b>Original HP ink cartridges and maintenance supplies</b>	C1Q21A	HP 773A 775-ml Matte Black DesignJet Ink Cartridge <sup>16</sup>
	C1Q23A	HP 773A 775-ml Magenta DesignJet Ink Cartridge <sup>16</sup>
	C1Q24A	HP 773A 775-ml Yellow DesignJet Ink Cartridge <sup>16</sup>
	C1Q26A	HP 773A 775-ml Cyan DesignJet Ink Cartridge <sup>16</sup>
	C1Q27A	HP 773A 775-ml Photo Black DesignJet Ink Cartridge <sup>16</sup>
	C1Q28A	HP 773A 775-ml Light Gray DesignJet Ink Cartridge <sup>16</sup>
	B6Y15A	HP 771A 775-ml Matte Black DesignJet Ink Cartridge
	B6Y17A	HP 771A 775-ml Magenta DesignJet Ink Cartridge
	B6Y18A	HP 771A 775-ml Yellow DesignJet Ink Cartridge
	B6Y20A	HP 771A 775-ml Light Cyan DesignJet Ink Cartridge
	B6Y21A	HP 771A 775-ml Photo Black DesignJet Ink Cartridge
	B6Y22A	HP 771A 775-ml Light Gray DesignJet Ink Cartridge
	B6Y39A	HP 771A 3-pack 775-ml Matte Black DesignJet Ink Cartridge
	B6Y41A	HP 771A 3-pack 775-ml Magenta DesignJet Ink Cartridge
	B6Y42A	HP 771A 3-pack 775-ml Yellow DesignJet Ink Cartridge
	B6Y44A	HP 771A 3-pack 775-ml Light Cyan DesignJet Ink Cartridge
B6Y45A	HP 771A 3-pack 775-ml Photo Black DesignJet Ink Cartridge	
B6Y46A	HP 771A 3-pack 775-ml Light Gray DesignJet Ink Cartridge	
CH644A	HP 771 DesignJet Maintenance Cartridge	
<b>Original HP large format printing materials</b>	Q8000A	HP Premium Instant-dry Satin Photo Paper (FSC® certified) <sup>17</sup> 60 in x 100 ft (524 mm x 30.5 m)
	Q6578A	HP Universal Instant-dry Gloss Photo Paper (FSC® certified) <sup>17</sup> 60 in x 100 ft (524 mm x 30.5 m)
	E4J58B	HP Artist Matte Canvas 60 in x 50 ft (1524 mm x 15.2 m)
	Q8750A	HP Premium Vivid Colour Backlit Film <sup>19</sup> 60 in x 100 ft (1524 mm x 30.5 m)
	Y3Z20A	Everyday Blockout Display Film 60 in x 100 ft (1524 mm x 30.5 m)

## 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
U9ZK4PE	HP 1 year Post Warranty, Next Business Day plus Defective Media Retention Support
U9ZK5PE	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](http://hp.com/go/DesignJetSupport).

Use HP Vivid Photo Inks and printheads to experience consistent high-quality and reliable performance that enable less downtime and increased productivity. These critical printing system components are designed and engineered together to provide optimized efficiency, a wide color gamut, and prints with over 200 years fade resistance.<sup>20</sup> For more information, visit [hp.com/go/OriginalHPInks](http://hp.com/go/OriginalHPInks).

For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](http://HPLFMedia.com).

### Eco Highlights

- Breakthrough color consistency can help reduce unnecessary reprints
- Free, convenient HP ink cartridge and printhead recycling<sup>1</sup>
- FSC®-certified papers,<sup>2</sup> range of recyclable HP media with a take-back program<sup>3</sup>
- ENERGY STAR® qualified. Registered EPEAT Bronze<sup>4</sup> for environmentally preferable product

<sup>1</sup> Program availability varies. Please check [hp.com/recycle](http://hp.com/recycle) for details.  
<sup>2</sup> BMG trademark license code FSC®-C115319, see [fsc.org](http://www.fsc.org). HP trademark license code FSC®-C017543, see [fsc.org](http://www.fsc.org). Not all FSC®-certified products are available in all regions.  
<sup>3</sup> 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 [HPLFMedia.com/hp/ecosolutions](http://HPLFMedia.com/hp/ecosolutions) for details.  
<sup>4</sup> EPEAT registered where applicable/supported. See [epeat.net](http://epeat.net) for registration status by country.

**Please recycle large-format printing hardware and printing supplies.**  
**Find out how at our website**  
[hp.com/ecosolutions](http://hp.com/ecosolutions)



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