



# HP Designjet Z6600 Production Printer

The fastest 60-in graphics production printer with efficient operation<sup>1</sup>



## Designed for speed and productivity

- Print as fast as 1500 ft<sup>2</sup>/hr (140 m<sup>2</sup>/hr) in fast mode and 212 ft<sup>2</sup>/hr (20 m<sup>2</sup>/hr) in high-quality mode<sup>2</sup>
- Cut turnaround times and effortlessly handle large data loads thanks to high file-processing power
- Create quality prints at top speed with HP Double Swath Technology and the HP Optical Media Advance Sensor
- Confidently print unattended thanks to long media rolls, 775-ml HP ink cartridges, and a built-in take-up reel

## High-impact image quality

- Achieve smooth color tones thanks to HP Multi-dimensional Smart Drop Placement Technology
- Create unique black-and-white prints—three shades of black HP ink deliver rich density and smooth transitions
- Offer your customers durable prints that last up to 200 years, using HP Vivid Photo Inks<sup>3</sup>
- Print a wide range of jobs—from posters, photos, and signs to canvas and backlit prints—on many substrates

<sup>1</sup> Compared with large-format inkjet printers under \$25,000 USD for graphic applications. Based on the fastest-rated color speeds as published by manufacturers as of October 2013. Test methods vary.

<sup>2</sup> Using plain paper and fast mode, the HP Designjet Z6600 Production Printer can achieve speeds up to 1500 ft<sup>2</sup>/hr (140 m<sup>2</sup>/hr). Using glossy paper and normal mode, the Z6600 can achieve print speeds up to 212 ft<sup>2</sup>/hr (20 m<sup>2</sup>/hr).

<sup>3</sup> Display permanence rating for interior displays/away from direct sunlight by HP Image Permanence Lab, and by Wilhelm Imaging Research, Inc. on a range of HP media. For more information, see [globalBMG.com/hp](http://globalBMG.com/hp).

## Efficient operation with a 6-ink printing system

- Print up to 30% more efficiently, using a 6-ink printing system with an optimized configuration<sup>4</sup>
- Choose how you want to print—send jobs right from your preferred design applications or through third-party RIPs
- Ensure image quality—and reduce cleaning and waste—using automatic drop detection and intelligent masking
- Gain color reliability with HP Professional PANTONE<sup>®</sup> color emulation and embedded Adobe<sup>®</sup> PostScript<sup>®</sup>/PDF<sup>5</sup>

## Eco Highlights

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



<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<sup>®</sup>-C115319, see [fsc.org](http://fsc.org). HP trademark license code FSC<sup>®</sup>-C017543, see [fsc.org](http://fsc.org). Not all FSC<sup>®</sup>-certified products are available in all regions.

<sup>3</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)

<sup>4</sup> The HP Designjet Z6600 Production Printer uses 30% less ink than the HP Designjet Z6100 Printer (demonstrated by internal HP tests on glossy media in production mode).

<sup>5</sup> HP Professional PANTONE color emulation and embedded Adobe PostScript/PDF upgrade kit sold separately.



1. With Aurasma installed, please go to the HP Designjet channel at <http://auras.ma/s/ke25m>
2. Without Aurasma installed, please download it:
  - a. Google Play - <http://auras.ma/s/android>
  - b. Apple Store - <http://auras.ma/s/ios>Once done, go to the HP Designjet channel at <http://auras.ma/s/ke25m>
3. Open the application and point to the image to view the HP Designjet video

## Technical specifications

<b>Print</b>	Max print speed <sup>6</sup>	140 m <sup>2</sup> /hr (1500 ft <sup>2</sup> /hr) on plain media	
	Color images <sup>7</sup>	Best: 3.2 min/page on A1/D or up to 13.1 m <sup>2</sup> /hr (141 ft <sup>2</sup> /hr) on glossy media Normal: 2.1 min/page on A1/D or up to 19.7 m <sup>2</sup> /hr (212 ft <sup>2</sup> /hr) on glossy media	
	Print resolution	Up to 2400 x 1200 optimized dpi	
	Margins	5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)	
	Ink types	Pigment-based	
	Technology	HP Thermal Inkjet	
	Ink cartridges	Cyan, magenta, yellow, light gray, matte black, photo black	
	Line accuracy	+/- 0.1% <sup>8</sup>	
	Minimum line width	0.02 mm (0.0008 in) (HP-GL/2 addressable)	
	Guaranteed minimum line width	0.067 mm (0.0026 in) (ISO/IEC 13660:2001(E)) <sup>9</sup>	
<b>Image quality</b>	Color accuracy	Median < 1.19 dE2000, 95% of colors < 2.77 dE2000 <sup>10</sup>	
	Short term color stability	< 1 dE2000 in less than 5 minutes <sup>11</sup>	
	Long term print-to-print repeatability	Average < 0.5 dE2000, max < 1 dE2000 <sup>11</sup>	
	Maximum optical density	4.5 L* min/2.31 D <sup>12</sup>	
<b>Media</b>	Handling	Roll feed, automatic cutter, take-up reel	
	Media types	Bond and coated paper, technical paper, film, photographic paper, proofing paper, backlit, self-adhesive, banner and sign, fabric, fine art printing material	
	Size	279 to 1524-mm (11 to 60-in) rolls	
	Thickness	Up to 0.56 mm (22 mil)	
<b>Applications</b>		Posters, Banners, Mockups, Photos, Digital fine art, Banners, Exhibition, Event graphics, Light boxes – film, Point of sale/display	
<b>Memory</b>		64 GB (virtual) <sup>13</sup> , 320 GB hard disk	
<b>Connectivity</b>	Interfaces (standard)	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	
	Printing paths	Printer driver, HP Embedded Web Server	
	Drivers (included)	HP-GL/2, HP-RTL drivers for Windows; PostScript Windows and Mac drivers with optional PostScript/PDF Upgrade Kit	
	<b>Dimensions (w x d x h)</b>	Printer	2430 x 690 x 1370 mm (95.7 x 27.2 x 53.9 in)
		Shipping	2700 x 750 x 1200 mm (106.3 x 29.5 x 47.2 in)
<b>Weight</b>	Printer	190 kg (419 lb)	
	Shipping	251 kg (553.4 lb)	
<b>What's in the box</b>		HP Designjet Z6600 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>Environmental ranges</b>	Operating temperature	5 to 40° C (41 to 104° F)	
	Storage temperature	-20 to 55° C (-4 to 131° F)	
	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 to 127 VAC (+/- 10%), 5 A; 220 to 240 VAC (+/- 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	

## Ordering information

<b>Product</b>	F2571A	HP Designjet Z6600 60-in Production Printer
<b>Accessories</b>	CQ654C	HP Designjet HD 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
	<b>Original HP printheads</b>	C1Q20A
	CE018A	HP 771 Magenta and Yellow Designjet Printhead
	CE020A	HP 771 Photo Black and Light Gray Designjet Printhead
<b>Original HP ink cartridges and maintenance supplies</b>	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
<b>Original HP large format printing materials</b>	Q8000A	HP Premium Instant-dry Satin Photo Paper (FSC® certified) <sup>14</sup> 1524 mm x 30.5 m (60 in x 100 ft)
	Q6578A	HP Universal Instant-dry Gloss Photo Paper (FSC® certified) <sup>14</sup> 1524 mm x 30.5 m (60 in x 100 ft)
	Q8707A	HP Artist Matte Canvas 1524 mm x 15.2 m (60 in x 50 ft)
	Q8750A	HP Premium Vivid Colour Backlit Film <sup>15</sup> 1524 mm x 30.5 m (60 in x 100 ft)

## Service and support

H4518E	HP Installation Service with Network Setup
U1ZM7E	HP 2 years Next Business Day Onsite Support with DMR*
U1ZM8E	HP 3 years Next Business Day Onsite Support with DMR*
U1ZM9E	HP 5 years Next Business Day Onsite Support with DMR*
U1ZN0PE	HP 1 years Post Warranty, Next Business Day Onsite Support with DMR*
U1ZN1PE	HP 2 years Post Warranty, Next Business Day Onsite Support with DMR*
U1XV4E	HP Preventive Maintenance Service

\* Defective Media Retention keeps your sensitive data safe. To comply with security regulations you can keep the defective hard-drive or data-retentive memory component while getting a new replacement disk or memory.

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/designjet/support](http://hp.com/go/designjet/support).

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 optimised efficiency, a wide color gamut, and prints with over 200 years fade resistance.<sup>17</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 [globalBMG.com/hp](http://globalBMG.com/hp).

<sup>6</sup> Mechanical printing time. Printed in Fast mode with HP Vivid Photo Inks.  
<sup>7</sup> Mechanical printing time. Printed with HP Vivid Photo Inks.  
<sup>8</sup> +/- 0.1% 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 HP Vivid Photo Inks.  
<sup>9</sup> Measured on HP Matte Film.  
<sup>10</sup> ICC absolute colorimetric accuracy with HP Vivid Photo Inks.  
<sup>11</sup> With HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks, right after calibration.  
<sup>12</sup> With HP Premium Instant-dry Gloss Photo Paper with HP Vivid Photo Inks.  
<sup>13</sup> Based on 1 GB RAM. Expandable to 1.5 GB RAM through a Designjet qualified SODIMM included only in the optional HP Designjet PostScript®/PDF Upgrade Kit accessory.  
<sup>14</sup> BMG trademark license code FSC®-C115319, see [fsc.org](http://fsc.org). HP trademark license code FSC®-C017543, see [fsc.org](http://fsc.org). Not all FSC®-certified products are available in all regions.  
<sup>15</sup> In Europe, recyclable in consumer collection systems that accept liquid packaging.  
<sup>16</sup> HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See [hp.com/recycle](http://hp.com/recycle) for details.  
<sup>17</sup> Display permanence rating for interior displays/away from direct sunlight, under glass by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media with Original HP inks. See [globalBMG.com/hp](http://globalBMG.com/hp).



For more information, please visit [hp.com/go/DesignjetZ6600](http://hp.com/go/DesignjetZ6600)

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