HP Designjet printers
Why upgrade?

From the HP Designjet Z6100 Printer to the HP Designjet Z6800 Photo Production Printer and the HP Designjet Z6600 Production Printer

HP Designjet Z6100 Printer

HP Designjet Z6800 Photo Production Printer
HP Designjet Z6600 Production Printer

Make the comparison and see the potential for your business

Compared to the HP Designjet Z6100 Printer, when you upgrade you can:

Reduce your printing costs

- Help save operating and maintenance costs. The printing system, using Original HP Vivid Photo Inks, provides greater ink efficiency

- See cost savings on ink of up to 21% when you print on HP Premium Instant-dry Gloss Photo Paper on the Designjet Z6600/Z6800 Printer series[1]

- See a reduction in your intervention rate

Boost your productivity

- Increase your top print speed from 1130 ft²/hr (105.4 m²/hr) to 1500 ft²/hr (140 m²/hr)

- Print up to 28% faster on photo applications[2] and see improved scratch resistance[3]

- Load heavy rolls with less effort with the ergonomic loading table

- See faster file processing with an increase in HDD capacity and virtual memory—up to 320 GB HDD, 64 GB[4] virtual memory

Improve your print quality

- Work with a wider color gamut up to 89% PANTONE® coverage with the HP Designjet Z6800 Photo Production Printer

- Produce impressive backlits with pure black areas you can achieve deep blacks at a lower cost using fewer liters per minute on backlit film[5]

- Create unique black-and white prints with three shades of black HP inks that deliver outstanding optical density and smooth transitions

- Achieve true photo-realistic image quality—HP chromatic red ink provides vibrant color and deep blacks on the HP Designjet Z6800 Photo Production Printer

[1] Based on internal HP testing using HP Vivid Photo Inks in normal mode.
[2] Based on internal HP testing, print speeds are faster in every print mode and 28% faster on HP Premium Instant-dry Gloss Photo Paper.
[3] According to internal HP testing.
[4] Based on 1 GB RAM. Expandable to 1.5 GB RAM through a Designjet qualified SODIMM included in the optional HP Designjet PostScript®/PDF Upgrade Kit accessory.
[5] According to internal HP testing on.

Upgrade from the HP Designjet Z6100 Printer to the HP Designjet Z6600/Z6800 Printer series

HP Designjet Z6100 Printer

HP Designjet Z6800 Photo Production Printer
HP Designjet Z6600 Production Printer

			Up to 23% savings			
Ink costs for sample drawings	**Normal mode**			**Normal**		
HP Premium Instant-dry Gloss Photo Paper	$2,79[6]			$2,14[6] for the HP Designjet Z6800 Photo Production Printer $2,19[6] for the HP Designjet Z6600 Production Printer		With HP Vivid Photo Inks, the HP Designjet Z6800 and Z6600 printers provide greater ink efficiency. Save up to 23% on ink costs, reduce your intervention rate, and increase your system duty cycle.

Size D

Faster printing

Sample print speeds	**Best mode**	**Normal mode**	**Fast mode**	**Best mode**	**Normal mode**	**Fast mode**	
HP Premium Instant-dry Gloss Photo Paper	5 min 28 sec	3 min 50 sec	2 min 47 sec	**HP Designjet Z6800 Photo Production Printer:** 4 min 8 sec	2 min 50 sec	2 min 07 sec	Faster in every print mode on every printing material tested. Up to 28% faster on HP Premium Instant-dry Gloss Photo Paper.
				HP Designjet Z6600 Production Printer: 5 min 22 sec	2 min 46 sec	2 min 05 sec	

Size D

Print quality

Improved print quality

Print quality			
Ink type	HP Photo Inks	HP Vivid Photo Inks	
Number of cartridges	Eight ink cartridges (light gray, photo black, matte black, light magenta, magenta, cyan,light cyan, yellow)	**HP Designjet Z6800 Photo Production Printer:** Eight ink cartridges (light gray, photo black, matte black, light magenta, magenta, cyan, chromatic red, yellow) **HP Designjet Z6600 Production Printer:** Six ink cartridges (light gray, photo black, matte black, magenta, cyan, yellow)	HP Vivid Photo Inks with chromatic red produce a wide color gamut with vibrant color and deep, rich blacks for impressive backlits and a scratch-resistance improvement of 2X on photo applications.[7]
Backlit black optical density	L*min = 4.8 (Dmax = 2.39)	**HP Designjet Z6800 Photo Production Printer** L*min = 3.2 (Dmax = 2.64) **HP Designjet Z6600 Production Printer** L*min = 3.2 (Dmax = 2.64)	
Deep blacks with low L*min on backlit film[8]			

LG   PK   MK

LM   M   LC/C   R   Y

Additional improvements

Additional improvements		
Duty cycle (liters of ink usage without preventive maintenance kit)	180 liters	300 liters
RAM memory	256 MB[8]	64 GB (virtual)[9]
Hard Disk Drive capacity	40 GB	320 GB
Loading system	Manual loading	Ergonomic loading table
Interfaces	Gigabit Ethernet	Gigabit Ethernet (1000Base-T), EIO Jetdirect accessory slot

Note: All results based on internal HP testing.

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[6] Prices may vary by country.
[7] Based on internal HP testing.
[8] Expandable to 512 MB through a 256 MB HP Designjet qualified DIMM.
[9] Based on 1 GB RAM. Expandable to 1.5 GB RAM through a Designjet qualified SODIMM included in the optional HP Designjet PostScript®/PDF Upgrade Kit accessory.

Learn more at
hp.com/go/DesignjetZ6800
hp.com/go/DesignjetZ6600