HP Designjet printers
Why upgrade?

From the HP Designjet 5000/5500 Printer series to the HP Designjet Z6800 Photo Production Printer and the HP Designjet Z6600 Production Printer

HP Designjet 5000/5500 Printer series

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 5000/5500 Printer series, when you upgrade you can:

Save money with a lower cost per copy

- Reduce your cost per copy up to 17% using Original HP pigment-based inks on the HP Designjet Z6600/Z6800 Printer series compared to dye-based inks[1]

- Help reduce your cost per copy up to 37% using Original HP pigment-based inks on the HP Designjet Z6600/Z6800 Printer series compared to UV inks[1]

Print more in less time

- Increase your top print speed from 569 ft^2/hr (53 m^2/hr) to 1500ft^2/hr (140 m^2/hr)

- Gain more unattended printing-even overnight - with long-roll support up to 246 ft (75 m) and 775-ml HP ink cartridges

- See faster file processing with an increase in HDD capacity and virtual memory—up to 320 GB HDD, 64 GB[2] virtual memory

- Take advantage of faster drying time with pigment-based Original HP Vivid Photo Inks

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

Offer better image quality

- Deliver improved print quality up to 2400 x 1200 dpi

- See improved scratch resistance[3]

- Print at top speeds and still get great image quality. The HP Optical Media Advance Sensor (OMAS) improves paper-advance control and accuracy

- Achieve a wider color gamut in prints that offer over 200 years indoor fade resistance with Original HP Vivid Photo Inks[4]

- Produce a wide range of blacks and grays, smooth transitions, and true neutral grays with three shades of black HP inks

- Up to 35% increased PANTONE coverage from 66% (HP Designjet 5000/5500 Printer series) to 84% with HP Designjet Z6600 Production Printer and to 89% with HP Designjet Z6800 Photo Production printer

- Produce better skin tones, see greater gloss uniformity

[1] Based on internal HP testing using HP Vivid Photo Inks on HP Premium Instant-dry Gloss Photo Paper in normal mode.

[2] 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.

[3] Based on internal HP testing.

[4] 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 and based on HP Vivid Photo inks. For more information, globalBMG.com/hp.

Upgrade from the HP Designjet 5000/5500 Printer series to the HP Designjet Z6600/ Z6800 Printer series

HP Designjet 5000/5500 Printer series

HP Designjet Z6800 Photo Production Printer
HP Designjet Z6600 Production Printer

Up to 37% savings

Ink costs for sample drawings		Normal mode		Normal		
HP Premium Instant-dry Gloss Photo Paper		using UV ink €4,88[5]		€3,06[5] for the HP Designjet Z6800 Photo Production		With HP Vivid Photo Inks, the HP Designjet Z6800 and Z6600 printers provide greater ink efficiency. Save up to 37% on ink costs, reduce your intervention rate, and increase your system duty cycle.
		using dye ink €3,70[5]		€3,09[5] for the HP Designjet Z6600 Production Printer		
Size A1						

More speed

Sample print speeds		Best mode	Normal mode	Fast mode	Best mode	Normal mode	Fast mode	
HP Premium Instant-dry Gloss Photo Paper		using UV ink 7 min 38 sec	6 min 20 sec	3 min 26 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 54% faster on HP Premium Instant-dry Gloss Photo Paper.
		using dye ink 7 min 36 sec	6 min	3 min 31 sec	**HP Designjet Z6600 Production Printer:** 5 min 22 sec	2 min 46 sec	2 min 05 sec	
Size A1								

Improved print quality

Print quality			
Maximum resolution	1200 x 600 dpi[6]	2400 x 1200 dpi	
Number of cartridges	Six ink cartridges	**HP Designjet Z6800 Photo Production Printer:** Eight ink cartridges (light gray, photo black, matte black, light magenta, magenta, cyan, chromatic red, yellow)	HP Vivid Photo Inks create glossy and uniform output. With chromatic red ink, create 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]
		HP Designjet Z6600 Production Printer: Six ink cartridges (light gray, photo black, matte black, magenta, cyan, yellow)	
Line accuracy	+/- 0,2%	+/- 0,1%[6]	
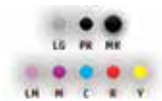
Additional improvements		
Cartridge capacity	680-ml ink cartridges	775-ml ink cartridges
Interfaces	HP Jetdirect 10/100Base-TX print server	Gigabit Ethernet (1000Base-T), EIO Jetdirect accessory slot
RAM memory	128 MB/256 MB Max	64 GB (virtual)[8]
Hard Disk Drive capacity	40 GB	320 GB
Loading system	Manual loading	Ergonomic loading table
Color management	Closed-loop color calibration	Color accuracy and ability to create custom ICC profiles with the HP embedded spectrophotometer (HP Designjet Z6800)

[5] Prices might vary per country.

[6] +/- 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.

[7] Based on internal HP testing.

[8] 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.

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

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