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 14% 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 35% 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 35% savings

Ink costs for sample drawings		Normal mode	Normal	
HP Premium Instant-dry Gloss Photo Paper	Size D	using UV ink $7,23[5] using dye ink $5,48[5]	$4,76[5] for the HP Designjet Z6800 Photo Production Printer $4,71[5] 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 35% on ink costs, reduce your intervention rate, and increase your system duty cycle.

More speed

Sample print speeds		Best mode	Normal mode	Fast mode	Best mode	Normal mode	Fast mode	
HP Premium Instant-dry Gloss Photo Paper	Size D	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	

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 Designjet Z6600 Production Printer:** Six ink cartridges (light gray, photo black, matte black, magenta, cyan, yellow)
Line accuracy	+/- 0,2%	+/- 0,1%[6]

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]

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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