

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 series¹
- 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 applications² and see improved scratch resistance³
- 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 GB⁴ 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 film⁵
- 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

Ink costs for sample drawings

HP Premium Instant-dry Gloss Photo Paper



Size D

Normal mode

\$2,79⁶

Up to 23% savings

Normal

\$2,14⁶ for the HP Designjet Z6800 Photo Production Printer

\$2,19⁶ 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.

Sample print speeds

HP Premium Instant-dry Gloss Photo Paper



Size D

Best mode

5 min 28 sec

Normal mode

3 min 50 sec

Fast mode

2 min 47 sec

Faster printing

Print quality

Ink type

HP Photo Inks

Number of cartridges

Eight ink cartridges (light gray, photo black, matte black, light magenta, magenta, cyan, light cyan, yellow)

Improved print quality



HP Vivid Photo Inks

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 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

HP Designjet Z6600 Production Printer:

Six ink cartridges (light gray, photo black, matte black, magenta, cyan, yellow)

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)

Backlit black optical density

L*min = 4.8 (Dmax = 2.39)

Deep blacks with low L*min on backlit film⁸

Additional improvements

Duty cycle

(liters of ink usage without preventive maintenance kit)

180 liters

RAM memory

256 MB⁹

Hard Disk Drive capacity

40 GB

Loading system

Manual loading

Interfaces

Gigabit Ethernet

300 liters

64 GB (virtual)⁹

320 GB

Ergonomic loading table

Gigabit Ethernet (1000Base-T), EIO
Jetdirect accessory slot

Note: All results based on internal HP testing.

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

