

# 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<sup>1</sup>
- See faster file processing with an increase in HDD capacity and virtual memory—up to 320 GB HDD, 64 GB<sup>4</sup> virtual memory

#### Boost your productivity

- Increase your top print speed from 1130 ft<sup>2</sup>/hr (105.4 m<sup>2</sup>/hr) to 1500 ft<sup>2</sup>/hr (140 m<sup>2</sup>/hr)
- Print up to 28% faster on photo applications<sup>2</sup> and see improved scratch resistance<sup>3</sup>
- 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<sup>4</sup> virtual memory

#### Improve your print quality

- Work with a wider color gamut up to 89% PANTONE<sup>®</sup> 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<sup>5</sup>
- 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

<sup>1</sup> Based on internal HP testing using HP Vivid Photo Inks in normal mode.

<sup>2</sup> Based on internal HP testing, print speeds are faster in every print mode and 28% faster on HP Premium Instant-dry Gloss Photo Paper.

<sup>3</sup> According to internal HP testing.

<sup>4</sup> Based on 1 GB RAM. Expandable to 1.5 GB RAM through a Designjet qualified SODIMM included in the optional HP Designjet PostScript<sup>®</sup>/PDF Upgrade Kit accessory.

<sup>5</sup> 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

\$5,37<sup>6</sup>

### Sample print speeds

HP Premium Instant-dry Gloss Photo Paper



Size D

Best mode	Normal mode	Fast mode
5 min 28 sec	3 min 50 sec	2 min 47 sec

### Print quality

<b>Ink type</b>	HP Photo Inks
<b>Number of cartridges</b>	Eight ink cartridges (light gray, photo black, matte black, light magenta, magenta, cyan, light cyan, yellow)

<b>Backlit black optical density</b>	L*min = 4.8 (Dmax = 2.39)
--------------------------------------	---------------------------

Deep blacks with low L\*min on backlit film<sup>8</sup>

### Additional improvements

<b>Duty cycle (liters of ink usage without preventive maintenance kit)</b>	180 liters
<b>RAM memory</b>	256 MB <sup>9</sup>
<b>Hard Disk Drive capacity</b>	40 GB
<b>Loading system</b>	Manual loading
<b>Interfaces</b>	Gigabit Ethernet

Note: All results based on internal HP testing.

<sup>6</sup> Prices may vary by country.

<sup>7</sup> Based on internal HP testing.

<sup>8</sup> Expandable to 512 MB through a 256 MB HP Designjet qualified DIMM.

<sup>9</sup> 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](http://hp.com/go/DesignjetZ6800)  
[hp.com/go/DesignjetZ6600](http://hp.com/go/DesignjetZ6600)

Up to 12% savings

Faster printing

Improved print quality



### Normal

\$4,71<sup>6</sup> for the HP Designjet Z6800 Photo Production Printer

\$4,76<sup>6</sup> 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 12% on ink costs, reduce your intervention rate, and increase your system duty cycle.

Best mode	Normal mode	Fast mode
<b>HP Designjet Z6800 Photo Production Printer:</b> 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

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.<sup>7</sup>

**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)

300 liters

64 GB (virtual)<sup>9</sup>

320 GB

Ergonomic loading table

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

