HP Designjet printers
Why Upgrade?

From HP Designjet Z6100 Photo Printer series to HP Designjet Z6200 Photo Printer series

HP Designjet Z6100 Photo Printer series

HP Designjet Z6200 Photo Printer series
The fastest production printer[1] for graphics with unrivaled print quality

Why should users upgrade from the HP Designjet Z6100 Printer series to the HP Designjet Z6200 Photo Printer series

Reduce your printing costs:
- The HP Designjet Z6200 Photo Printer series with HP Vivid Photo Inks is a much more ink efficient system. Benefit from cost savings of up to 11% on HP Premium ID Photo Gloss
- Save operating and maintenance costs. With a more ink efficient system you will see your intervention rates reducing

Improve productivity:
- Top speed from 105 sqf to 140 sqf
- Up to 54% speed improvement in photo applications with better scratch resistance
- Ergonomic loading table[2] to make the loading of heavy rolls easier
- Increased memory from 256 MB[3] to 1 GB[4] for faster file processing

Improve print quality:
- Wider color gamut to 89% Pantone coverage with the HP Designjet Z6200 Photo Printer
- Impressive backlits with pure black areas. Deep blacks with lower liter per minute on backlit film[5]
- Unique black-and white prints with three shades of black HP ink for outstanding optical density and smooth transitions
- HP chromatic red ink provides vibrant color and deep blacks to achieve true photo-realistic image quality

[1] Compared to large-format inkjet printers under $25,000 for graphic applications. Based on the fastest rated color speeds as published by manufacturers as of January 2010. Test methods vary.
[2] Loading table included in the take-up reel. Take-up reel included in the HP Designjet Z6200 60-in Photo Printer; is an optional configuration for the HP Designjet Z6200 42-in Photo Printer.
[3] Expandable to 512 MB through a 256 MB Designjet qualified IMM.
[4] Expandable to 1.5 GB RAM through a Designjet qualified ODIMM included only in the optional HP Designjet PostScript®/PDF Upgrade Kit accessory.
[5] According to internal HP testing.

HP Designjet Z6100 Printer series upgrade to HP Designjet Z6200 Photo Printer series

HP Designjet Z6100 Photo Printer series

HP Designjet Z6200 Photo Printer series

Ink costs for sample drawings		Normal			Normal	
HP Premium ID Photo Gloss		$5,37*			$5,52*	With HP Vivid Photo Inks, the HP Designjet Z6200 Photo Printer series are much more ink efficient systems. Save up to 11% on ink costs, reduce your intervention rate, and increase your system duty cycle.
size D						

Up to 11% savings

Sample print speeds	Best	Normal	Fast	Best	Normal	Fast	
HP Premium ID Photo Gloss	5'28"	3'50"	2'47"	4'08"	2'50"	2'07"	Faster in every print mode on every printing material. Up to 28% faster on HP Premium ID Photo Gloss paper.
size D							

Faster printing

Print quality			
Maximum resolution	1200 x 600 dpi	2400 x 1200 dpi	HP Vivid Photo Inks create glossy and uniform output. HP Vivid Photo Inks with chromatic red create a wide color gamut with vibrant color and deep, rich blacks for impressive backlits and 2x improvement of scratch resistance on photo applications.
Number of Cartridges	Six print cartridges	Eight print cartridges	
Backlit black optical density	L*min = 4.8 (Dmax = 2.39)	L*min = 3.2 (Dmax = 2.64)	
Deep blacks with low L*min on backlit film[4]			

Improved quality

Additional improvements		
Duty cycle (liters of usage without preventive maintenance kit)	180 L	300 L
RAM memory	256 MB[3]	1 GB[4]
Loading system	Manual loading	Ergonomic loading table[6]
Interfaces	Gigabit Ethernet	Gigabit Ethernet, Hi-Speed USB 2.0 certified

* Prices might vary per country

[3] Expandable to 512 MB through a 256 MB Designjet qualified IMM.
[4] Expandable to 1.5 GB RAM through a Designjet qualified ODIMM included only in the optional HP Designjet PostScript®/PDF Upgrade Kit accessory.
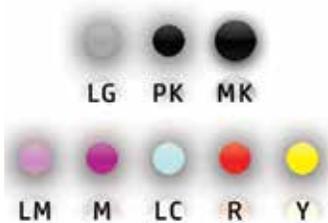[6] Loading table included in the take-up reel. Take-up reel included in the HP Designjet Z6200 60-in Photo Printer and is an optional configuration for the HP Designjet Z6200 42-in Photo Printer.

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HP Vivid Photo Inks

HP Optical Media Advance Sensor (OMAS)

HP Embedded Spectrophotometer

The HP Designjet printing system

Deliver the quality your customers expect and maintain the productivity you need. The HP Designjet Z6200 photo printing system, including Original HP Vivid Photo Inks, HP printheads, and HP large format printing materials, is designed and engineered together to provide uncompromising image quality, consistency, performance, durability, and value—with every print.

Original HP Vivid Photo Inks

Deliver across a versatile array of print jobs—from photo reproductions and POP displays to line drawings, even backlits with rich black backgrounds—with the impressive results produced by **HP Vivid Photo Inks**. HP Vivid Photo Inks are delivered by HP 771 Printheads that are designed to achieve precise, accurate placement of smaller drops at high speed. Each printhead prints two colors of ink with 1,056 nozzles per color.

Using **HP chromatic red ink**, your HP Designjet printing system provides the broad color gamut needed to produce vibrant color and deep, rich blacks and to achieve true photo-realistic image quality.

High, **uniform gloss** provides the professional finish. With a wide range of blacks and greys with smooth, subtle transitions, true grey neutrality, and rich black density, you can produce remarkable B&W prints. And these prints provide lasting results with exceptional print permanence indoors in-window and away from direct sun[7].

HP technology leadership

Outstanding speed

HP Double Swath Technology provides breakthrough speed and performance. The HP Designjet Z6200 Photo Printer series includes two sets of four HP 771 Designjet Printheads, creating a wide print swath—up to 1.67-inches/42.5 mm—and a high firing frequency to deliver prints with amazing speed. Four bi-color printheads feature 1,056 nozzles per color, 1,200 nozzles per inch, and small drop volumes for top photo quality.

The **HP Optical Media Advance Sensor (OMAS)** allows you to print at top speeds and still get great output results. This breakthrough technology improves paper-advance control and accuracy, so the printer can print at higher speeds across multiple environmental conditions without impairing image quality.

Amazing color

The **HP Embedded Spectrophotometer**, with i1 Color Technology from X-Rite, is mounted on the printer carriage for accurate printer calibration measurements that deliver print-to-print and printer-to-printer color consistency and accuracy. It revolutionizes professional color workflows by enabling the creation of media profiles.

High productivity

The **HP Easy Printer Care Tool** lets you easily navigate through color-management, printing, and job-management workflows, and the HP Color Centre provides easy-to-use, step-by-step instructions on how to add new media and calibrate the printer. Plus, the HP Designjet Z6200 printer's accounting tool allows you to easily track supplies use by job, while the job submitter tool lets you submit your HP-RTL, HP-GL/2, CALS G4, PostScript, PDF, TIFF, EPS, and JPEG files directly to the printer.

HP Instant Printing PRO allows you to quickly preview, crop, and print in large format using one simple tool, providing a quick and easy way for reprographic and copy shops to print in large format. You can easily manage your files from one single application. Just drag and drop PDF,[8] TIFF, JPEG, PPT,[9] HP-GL/2, and DWF files to HP Instant Printing PRO to manage and preview them. Access the job queue as well as accounting information with one simple click. HP Instant Printing PRO enables true print confidence. Avoid printing on the wrong-sized media with a realistic print preview.

[7] 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. For more information, see hp.com/go/supplies/ printpermanence.
[8] PDF version 1.9 or earlier.
[9] PowerPoint 2003 or higher must be installed.

Graphics services delivered with confidence

Predictable Return On Investment from your printing capital equipment is key to successful Print Service Provider business. With **HP Designjet Support Services** the warranty support experience can be extended to up to 5 years with no incremental costs during the coverage period. Coupled with choice of Maintenance services you get the maximum performance of your printing solution, delivering predictable uptime. On top, number of authorized HP support partners offer fully customizable services that meet your specific needs.

For more information, please visit hp.com/go/designjet/support.

Learn more at
hp.com/go/designjetZ6200

Adobe® PostScript® 3™

PANTONE®
Digital Color