



# DESIGNJET Series Z6100/Z6100ps PRINTER

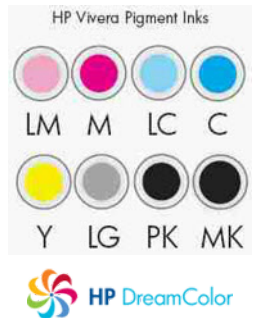


What would you like to know? [www.unicadigital.com](http://www.unicadigital.com)

## Short turnaround times

Let this exceptionally fast printer handle peak workloads, last-minute requests, or real-time changes.

- Print at extremely high speeds. HP Double Swath technology and the first-ever HP Optical Media Advance Sensor give you a wide print swath and extremely accurate printing for great results at exceptionally high speeds.
- Benefit from unattended printing. High volume, unattended printing—even overnight—is easy, thanks to Original HP jumbo-length rolls up to 574 ft. long.
- Skip the interruptions. High-capacity 775 ml Original HP 91 Ink Cartridges with HP Vivera pigment inks mean even fewer stops and starts in your printing.



## Outstanding image quality

Achieve vivid color and exceptional fade resistance with OEM HP Vivera pigment inks<sup>2</sup>

- Discover vivid color. Eight Original HP Vivera pigment inks deliver a wide color gamut with true neutral grays for outstanding image quality and detail.
- Get lasting quality. Interior display prints produced with Original HP Vivera pigment inks resist fading in or near a window for more than one year unlaminated, more than three years laminated and more than 200 years away from direct sun.<sup>1</sup>
- Choose the media you need. Attain outstanding quality on a wide variety of Original HP media types including photo, matte, banner, fine-art, and technical and graphic media and films.
- Produce prints fast without sacrificing quality. HP's innovative printhead design delivers accurate, small drop sizes, enabling high-quality, high-speed printing.

- Print using the HP Designjet system for best results. HP printers, HP Vivera pigment inks and Original HP media are developed together as a system to deliver optimal print quality and reliability.

## Breakthrough color accuracy

Get consistent results print to print and printer to printer with HP's advanced closed-loop color calibration.

- Count on consistent colors. HP DreamColor Technologies provide you reliable, accurate colors every time you print regardless of fluctuating environmental conditions.
- Easily add new media types and get accurate color. The built-in spectrophotometer provides breakthrough color accuracy and lets you create ICC profiles in just 20 minutes for accurate pro filing and precision printer calibration.
- Create the best results every time. HP's Advanced Profiling Solution allows you to accurately calibrate and profile colors. The HP Color Center provides step-by-step instructions or adding new media, calibrating and optimizing color output.

## Easy-to-use job management tools

Increase your efficiency with more options.

- Track your supplies costs. Accounting features track ink and media use to help you monitor costs on a print-by-print basis.
- Change what you need, minus the hassle. Easily adapt in real time by resetting job priorities, reprinting stored jobs, and previewing before printing.
- Store jobs as long as you want. The 40 GB disk, allows you to keep jobs on your printer.



Built in Spectrophotometer



# HP Designjet Z6100 Printer series

## Technical specifications

<b>Print speed<sup>2</sup></b>	720 ff/hr (66.9 m <sup>2</sup> /hr), 42 sec/page on D/A1 (on coated paper) 252 ff/hr (23.4 m <sup>2</sup> /hr), 2.1 min/page on D/A1 (on glossy paper)		
<b>Best</b>	147 ff/hr (13.7 m <sup>2</sup> /hr), 3.3 min/page on D/A1 (on coated paper) 98 ff/hr (9.1 m <sup>2</sup> /hr), 5 min/page on D/A1 (on glossy paper)		
<b>Maximum print speed</b>	1134 ff/hr (105.4 m <sup>2</sup> /hr), 35 sec/page on D/A1 (on plain paper)		
<b>Print resolution maximum</b>	2400 x 1200 optimized dpi		
<b>Memory</b>	42-inch models: 256 MB standard memory; <sup>4</sup> 40 GB hard disk 60-inch models: 512 MB standard memory, 40 GB hard disk		
<b>Media Handling</b>	Roll feed		
<b>Types</b>	Bond and coated paper (bond, bright white bond, coated, heavyweight coated, super heavyweight matte, colored); technical paper (natural tracing, translucent, vellum); film (clear, matte, polyester white matte); photographic paper (gloss, semi-gloss, satin, RC matte); proofing paper (high-gloss, semi-gloss, matte); backlit; self-adhesive (indoor paper, polypropylene, vinyl); banner and sign (display film, banner, polypropylene, scrim, Tyvek, outdoor paper, billboard paper blue back); fabric (flag fabric, polyester, silk satin); fine art printing material (satin canvas, matte canvas, canvas paper, aquarella, watercolor, smooth, textured, litho-realistic)		
<b>Weight</b>	Up to 430 g/m <sup>2</sup> depending on media type		
<b>Size</b>	42-inch models: 24- to 42-inch rolls 60-inch models: 24- to 60-inch rolls		
<b>Thickness</b>	Up to 22 mil		
<b>Maximum roll length</b>	575 ft/175 m		
<b>Printing</b>			
<b>Margins</b>	0.2 x 0.2 x 0.2 x 0.2 inch/5 x 5 x 5 mm		
<b>Technology</b>	HP Thermal Inkjet		
<b>Ink cartridge colors (8)</b>	Cyan, magenta, matte black, photo black, yellow, light cyan, light gray, light magenta		
<b>Ink types</b>	Original HP Vivera pigment inks		
<b>Ink drop</b>	4 pl (light cyan, light magenta, light gray, photo black), 6 pl (cyan, magenta, yellow, matte black)		
<b>Ink cartridge size</b>	775 ml Original HP ink cartridges; HP 3-ink Cartridge Multipacks also available		
<b>Nozzles</b>	2 colors per printhead, 1056 nozzles per color, 16,896 total nozzles		
<b>Minimum line width</b>	0.003 in./0.067 mm		
<b>Line accuracy</b>	+/- 0.1% <sup>5</sup>		
<b>Maximum print length</b>	575 ft/175 m (OS and application dependent)		
<b>Connectivity</b>			
<b>Interfaces (standard)</b>	One EIO slot, Gigabit Ethernet		
<b>Interfaces (optional)</b>	HP Designjet high-speed USB 2.0 card, compatible HP JetDirect LAN cards		
<b>Print languages (standard)</b>	<b>HP Designjet Z6100 Printer:</b> HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4; <b>HP Designjet Z6100ps Printer:</b> Adobe PostScript Level 3, Adobe PDF 1.6, HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4		
<b>Drivers (included)</b>	<b>HP Designjet Z6100 Printer:</b> HP-GL/2, HP-RTL Windows drivers, ADI driver for AutoCAD R14, support for AutoCAD 200x, support for Citrix MetaFrame environments; <b>HP Designjet Z6100ps Printer:</b> HP-GL/2, HP-RTL Windows drivers, PS Windows drivers, ADI driver for AutoCAD R14, support for AutoCAD 200x, support for Citrix MetaFrame environments, PS driver for Mac OS X v 10.2.8, 10.3, 10.4		
<b>Environmental ranges</b>			
<b>Operating temperature</b>	41 to 104° F/5 to 40° C		
<b>Recommended operating temperature</b>	59 to 95° F/15 to 35° C		
<b>Storage temperature</b>	-13 to 131° F/-25 to 55° C		
<b>Operating humidity</b>	20 to 80% RH		
<b>Acoustic</b>			
<b>Sound pressure, active</b>	51 dB(A)		
<b>Sound pressure, standby</b>	38 dB(A)		
<b>Sound power, active</b>	6.8 B(A)		
<b>Power consumption</b>			
<b>Maximum</b>	350 watts		
<b>Powersave</b>	21 watts		
<b>Off</b>	0.4 watts		
<b>Power requirements</b>	Input voltage: 100 to 127 VAC (+/- 10%), 4 amp; 220 to 240 VAC (+/- 10%), 2 amp; 50/60 Hz (+/- 3 Hz); voltage autorange		
<b>Certification</b>			
<b>Safety</b>	United States and Canada (CSA certified), EU (LVD and EN60950-1-compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYSCE)		
<b>Electromagnetic</b>	Compliant with Class A requirements, including USA (FCC rules), Canada (DoC), EU (EMC Directive), Australia (ACA), New Zealand (MoC), China (CCC), Japan (VCCI), Korea (MIC), Taiwan (BSMI)		
<b>Environmental</b>	ENERGY STAR <sup>®</sup> qualified models; see: <a href="http://www.hp.com/go/energystar">http://www.hp.com/go/energystar</a> , EU WEEE, and RoHS Directives		
<b>Warranty</b>	One-year limited hardware warranty; 8-hour, 5 days a week phone support		
<b>Service and support</b>			
<b>Care packs</b>			
	<b>42-inch model</b>	<b>60-inch model</b>	
	HP 3-Year Next Day Onsite Service	H5504E	UG731A
	HP 4-Year Next Day Onsite Service	H3615E	UG732E
	HP 5-Year Next Day Onsite Service	H3616E	UG733E
	HP 1-Year Post-Warranty Next Day Onsite Service	H44607PA/PE	UG738PE/PA
	HP Installation with Network Configuration Service	H4518E	H4518E
	HP Color Expert Service 1-Year/1 case	UF315E	UF315E
	HP Color Expert Service 1-Year/5 cases	UF037E	UF037E

<b>Recommended system requirements</b>	
Macintosh	Mac OS X v 10.2.8, 10.3, 10.4: 1 GHz PowerPC G4, 256 MB, 512 MB available hard disk space
Windows	Microsoft Windows 2000, XP Home, XP Professional: Pentium IV, 3 GHz, 1 GB RAM, 2 GB available hard disk
<b>Dimensions (w x d x h)</b>	
Printer with stand	<b>42-inch models</b> 77.5 x 27.5 x 53 in./1970 x 700 x 1350 mm <b>60-inch models</b> 97 x 27.5 x 53 in./2450 x 700 x 1350 mm
Shipping	<b>42-inch models</b> 89 x 29.5 x 47.9 in./2260 x 750 x 1216 mm <b>60-inch models</b> 107.3 x 29.5 x 53.6 in./2725 x 750 x 1361 mm
<b>Weight</b>	
Printer with stand	<b>42-inch models:</b> 192 lb/87 kg <b>60-inch models:</b> 242.5 lb/110 kg
Shipping	<b>42-inch models:</b> 429.9 lb/195 kg <b>60-inch models:</b> 564.4 lb/256 kg

**What's in the box**  
**42-inch models:** Printer, Original HP 91 Printheads (4 x 2 colors each), Original HP 91 Ink Cartridges (8 x 775 ml), Original HP Maintenance Cartridge, Original HP Media roll, stand and basket (42 in.), maintenance kit, spindle, three-inch spindle adaptor kit, quick reference guide, setup poster, startup DVD, customer service guide, power cord  
**60-inch models:** Printer, Original HP 91 Printheads (4 x 2 colors each), Original HP 91 Ink Cartridges (8 x 775 ml), Original HP Maintenance Cartridge, Original HP Media roll, stand (60 in.), take-up reel (60 in.), maintenance kit, spindle, three-inch spindle adaptor kit, quick reference guide, setup poster, startup DVD, customer service guide, power cord

**HP Designjet Z6100 42-inch Take-Up Reel—What's in the box**  
 Spindle (42-in.), tubes, deflector, sensor module, right module, left module, hardware kit  
 Package dimensions 55.1 x 25.6 x 8.8 in./1400 x 650 x 224 mm  
 Package weight 27.8 lb/12.6 kg

**HP Designjet Z6100 60-inch Media Bin—What's in the box**  
 Basket (60-inch), hardware kit, setup poster  
 Package dimensions 69.5 x 5.3 x 7.5 in./1766 x 135 x 190 mm  
 Package weight 8.8 lb/4 kg

**HP Designjet Z6100 User Maintenance Kit—What's in the box**  
 Plate cleaning kit, carriage interconnect wiper kit, printhead carriage lubrication kit, roller lubrication kit, maintenance absorber  
 Package dimensions 10.8 x 10.8 x 2 in./275 x 275 x 50 mm  
 Package weight 1.3 lb/570 g

<b>Ordering information</b>
<b>Product</b>
Q6651A HP Designjet Z6100 42-inch Printer
Q6652A HP Designjet Z6100 60-inch Printer
Q6653A HP Designjet Z6100ps 42-inch Printer
Q6654A HP Designjet Z6100ps 60-inch Printer
<b>Accessories</b>
Q1277A HP Designjet 42-inch Scanner
Q5673A HP Designjet 256 MB Memory Upgrade
Q5680A HP Designjet High Speed USB 2.0 Card
Q6695A HP Advanced Profiling Solution International
Q6701A HP Advanced Profiling Solution Asia Pacific
Q6706A HP Designjet Z6100 42-inch Take-Up Reel
Q6707A HP Designjet Z6100 42-inch Spindle
Q6708A HP Designjet Z6100 60-inch Spindle
Q6714A HP Designjet Z6100 60-inch Media Bin
Q6715A HP Designjet Z6100 User Maintenance Kit
J7997G HP JetDirect 630n IPv6 Gigabit Print Server
<b>Printheads (4)</b>
C9460A HP 91 Matte Black and Cyan Printhead
C9461A HP 91 Magenta and Yellow Printhead
C9462A HP 91 Light Magenta and Light Cyan Printhead
C9463A HP 91 Photo Black and Light Gray Printhead
C9518A HP 91 Maintenance Cartridge
<b>Single ink cartridges (8)</b>
C9464A HP 91 775-ml Matte Black Ink Cartridge
C9465A HP 91 775-ml Photo Black Ink Cartridge
C9466A HP 91 775-ml Light Gray Ink Cartridge
C9467A HP 91 775-ml Cyan Ink Cartridge
C9468A HP 91 775-ml Magenta Ink Cartridge
C9469A HP 91 775-ml Yellow Ink Cartridge
C9470A HP 91 775-ml Light Cyan Ink Cartridge
C9471A HP 91 775-ml Light Magenta Ink Cartridge

<sup>2</sup> Mechanical printing time. Measured on a 60-in model.

<sup>4</sup> Expandable to 512 MB through a 256 MB Designjet-qualified DIMM

<sup>5</sup> ± 0.1% of the specified vector length or ± 0.1 mm (whichever greater)

