HP Designjet Z6100 Printer series

Technical specifications

Print speed[5]	
Fast	720 ft²/hr (66.9 m²/hr), 42 sec/page on D/A1 (on coated paper) 252 ft²/hr (23.4 m²/hr), 2.1 min/page on D/A1 (on glossy paper)
Best	147 ft²/hr (13.7 m²/hr), 3.3 min/page on D/A1 (on coated paper) 98 ft²/hr (9.1 m²/hr), 5 min/page on D/A1 (on glossy paper)
Maximum print speed	1134 ft²/hr (105.4 m²/hr), 35 sec/page on D/A1 (on plain paper)
Print resolution maximum	2400 x 1200 optimized dpi
Memory	256 MB standard memory;[6] 40 GB hard disk
Media	
Handling	Roll feed
Types	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)
Weight	Up to 430 g/m² depending on media type
Size	42-inch models: 24- to 42-inch rolls (610 to 1067 mm) 60-inch models: 24- to 60-inch rolls (610 to 1067 mm)
Thickness	Up to 22 mil
Maximum roll length	575 ft/175 m
Printing	
Margins	0.2 x 0.2 x 0.2 x 0.2 inch/5 x 5 x 5 x 5 mm
Technology	HP Thermal Inkjet
Ink cartridge colors (8)	Cyan, magenta, matte black, photo black, yellow, light cyan, light gray, light magenta
Ink types	Original HP Vivera pigment inks
Ink drop	4 pl (light cyan, light magenta, light gray, photo black), 6 pl (cyan, magenta, yellow, matte black)
Ink cartridge size	775 ml Original HP ink cartridges; HP 3-ink Cartridge Multipacks also available
Nozzles	2 colors per printhead, 1056 nozzles per color, 16,896 total nozzles
Minimum line width	0.003 in./0.067 mm
Line accuracy	+/- 0.1%[7]
Maximum print length	575 ft/175 m (OS and application dependent)
Connectivity	
Interfaces (standard)	One EIO slot, Gigabit Ethernet
Interfaces (optional)	HP Designjet high-speed USB 2.0 card, compatible HP JetDirect LAN cards
Print languages (standard)	**HP Designjet Z6100 Printer:** HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4; **HP Designjet Z6100ps Printer:** Adobe PostScript Level 3, Adobe PDF 1.6, HP-GL/2, HP-RTL,TIFF, JPEG, CALS G4
Drivers (included)	**HP Designjet Z6100 Printer:** HP-GL/2, HP-RTL Windows drivers, support for AutoCAD 200x, support for Citrix MetaFrame environments; **HP Designjet Z6100ps Printer:** HP-GL/2, HP-RTL Windows drivers, PS Windows drivers, support for AutoCAD 200x, support for Citrix MetaFrame environments, PS driver for Mac OS X v 10.2.8, 10.3, 10.4
Environmental ranges	
Operating temperature	41 to 104° F/5 to 40° C
Recommended operating temperature	59 to 95° F/15 to 35° C
Storage temperature	-13 to 131° F/-25 to 55° C
Operating humidity	20 to 80% RH
Acoustic	
Sound pressure, active	51 dB(A)
Sound pressure, standby	38 dB(A)
Sound power, active	6.8 B(A)
Power consumption	
Maximum	350 watts
Powersave	23 watts (73 watts with embedded Digital Front End)
Off	0.4 watts
Power requirements	Input voltage: 100 to 127 VAC (+/- 10%), 4 amp; 220 to 240 VAC (+/- 10%), 2 amp; 50/60 Hz (+/- 3 Hz); voltage autorange
Certification	
Safety	United States and Canada (CSA certified), EU (LVD and EN60950-1–compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NYCE)
Electromagnetic	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)
Environmental	ENERGY STAR® qualified models; see: http://www.hp.com/go/energystar
Warranty	One-year limited hardware warranty; 8-hour, 5 days a week phone support

Service and support
HP Care Pack Services

	42-inch model	60-inch model
HP Onsite Installation with Network Configuration	H4518E	H4518E
HP 1-Day Onsite Operator Training	UG933E	UG933E
HP 3-Year Next Business Day Onsite Service	H5504E	UG731E
HP 4-Year Next Business Day Onsite Service	H3615E	UG732E
HP 5-Year Next Business Day Onsite Service	H3616E	UG733E
HP 1-Year Post-Warranty Next Business Day Service	H4607PE	UG738PE
HP Color Expert Service 1-Year/1 case	UF315E	UF315E
HP Color Expert Service 1-Year/5 cases	UF050E	UF050E

For more information, visit our website at www.hp.com/go/designjetZ6100

[5] Mechanical printing time. Measured on a 60-in model.
[6] Expandable to 512 MB through a 256 MB Designjet-qualified DIMM
[7] ±0.1% of the specified vector length or ±0.1 mm (whichever greater) at 23° C (73° F), 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film.

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Recommended system requirements	
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
Dimensions (w x d x h)	
Printer with stand	**42-inch models** 77.5 x 27.5 x 53 in./1970 x 700 x 1350 mm **60-inch models** 97 x 27.5 x 53 in./2450 x 700 x 1350 mm
Shipping	**42-inch models** 89 x 29.5 x 47.9 in./2260 x 750 x 1216 mm **60-inch models** 107.3 x 29.5 x 53.6 in./2725 x 750 x 1361 mm
Weight	
Printer with stand	**42-inch models:** 262 lb/119 kg **60-inch models:** 333 lb/151 kg
Shipping	**42-inch models:** 429.9 lb/195 kg **60-inch models:** 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

Ordering information

Product
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

Accessories
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
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
J7961G HP Jetdirect 635n IPv6/IPsec Print Server

Printheads (4)
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

Single ink cartridges (8)
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

Ink cartridge multipacks (8)
C9480A HP 91 775-ml 3-ink Matte Black Cartridges Multipack
C9481A HP 91 775-ml 3-ink Photo Black Cartridges Multipack
C9482A HP 91 775-ml 3-ink Light Gray Cartridges Multipack
C9483A HP 91 775-ml 3-ink Cyan Cartridges Multipack
C9484A HP 91 775-ml 3-ink Magenta Cartridges Multipack
C9485A HP 91 775-ml 3-ink Yellow Cartridges Multipack
C9486A HP 91 775-ml 3-ink Light Cyan Cartridges Multipack
C9487A HP 91 775-ml 3-ink Light Magenta Cartridges Multipack

Media supplies
Q8757A HP Universal Instant-dry Semi-gloss Photo Paper 60 in. x 200 ft/1524 mm x 61 m
Q8756A HP Universal Instant-dry Gloss Photo Paper 60 in. x 200 ft/1524 mm x 61 m
Q8755A HP Universal Instant-dry Semi-gloss Photo Paper 42 in. x 200 ft/1067 mm x 61 m
Q8748A HP Premium Vivid Color Backlit Film 42 in. x 100 ft/1067 mm x 30.5 m
Q8835A HP Self-adhesive Gloss Polypropylene 42 in. x 75 ft /1067 mm x 22.9 m
Q8751A HP Universal Inkjet Bond Paper 36 in. x 574 ft/914 mm x 175 m

More HP media offerings available at **www.hp.com/go/designjet/supplies**