HP Designjet Z6200 1067 mm Photo Printer

The fastest[1] heavy-duty photo printer.

Offer the shortest turnaround times[1] and significantly boost productivity.

- Turn around orders in record time with this — the fastest printer in its class[1], and easily meet your client demands with print speeds up to 140 m²/hr (1500 feet²/hr).
- Print and handle high-quality photo images without losing time.
- Work more productively and comfortably with automated media loading and an ergonomic loading table[2].

Provide top photo quality and maximize your offering.

- Differentiate, expand: with the new HP Vivid Photo Inks, your versatile offering includes top photo-quality and exceptionally fade-resistant[3] prints.
- Take on tough photo printing challenges with a wide colour gamut enabled by chromatic red ink and uniform gloss.
- Bring in new print jobs offering remarkable black-and-white image quality; create POP displays and impressive backlit signs.

Rely on HP technology, see precise colour accuracy.

- Get the right colours and start printing them accurately every time on different substrates, thanks to the embedded spectrophotometer and HP colour technology features that help you operate with ease.
- Reliable operation: the optional PostScript®/PDF upgrade kit ensures compatibility and greater control over the final print with HP Professional PANTONE Emulation.
- Safely replace your old equipment without compromises using printer emulation functionality.

[1] Compared to large-format inkjet printers under £20.000 for graphic applications. Based on the fastest rated colour speeds as published by manufacturers as of January 2010. Test methods vary.

[2] Supplied with 1524 mm (60-in) model only. Separate purchase of Z6200 Take-up Reel accessory required for 1067 mm (42-in) model.

[3] Prints produced with HP Vivid Photo Inks on a range of HP media offer indoor, in-window display permanence over 1 year unlaminated; over 200 years away from direct sun. 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. Water resistance and interior in-window display ratings by HP Image Permanence Lab on a range of HP media. For details: www.HPLFMedia.com

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Technical specifications

Print

Line Drawings	17 sec/page on A1/D
Maximum Print speed	113.6 m²/hr; Maximum rate of output for color image 100% color coverage (Bandes file). Printed in Fast mode with Economode on, on HP Bright White Inkjet Paper (Bond), maximum roll size, with HP Vivid Photo Inks.
Colour images	108 m²/hr on coated media; 16.4 m²/hr on glossy media
Print resolution	Up to 2400 x 1200 optimized dpi
Margins (top x bottom x left x right)	Roll: 5 mm (top), 5 mm (right), 5 mm (left), 5 mm (bottom)
Technology	HP Thermal Inkjet
Ink types	Pigment-based
Ink colours	8 (chromatic red, magenta, matte black, photo black, yellow, light cyan, light grey, light magenta)
Ink drop	4 pl (lc, lm, lg, pK), 6 pl (R, M, Y, mK)
Print head nozzles	2112
Print Heads	8 (chromatic red, magenta, matte black, photo black, yellow, light cyan, light grey, light magenta)
Line accuracy	+/- 0.1% (+/- 0.1% of the specified vector length or +/- 0.2 mm (whichever greater) at 23º C, 50-60% relative humidity, on A0/E printing material in Best or Normal mode with HP Matte Film)
Minimum line width	0.02 mm (HP-GL/2 addressable); measured on HP Matte Film.
Guaranteed minimum line width	0.067 mm (ISO/IEC 13660:2001(E)); measured on HP Matte Film.
Maximum print length	175 m
Maximum optical density	2.31 maximum black optical density (4.5 L* min) (with HP Premium Instant Dry Photo Gloss media with Original HP inks)

Media

Handling	Roll feed, automatic cutter, media bin
Types	Bond and coated paper, technical paper, film, photographic paper, proofing paper, backlit, self-adhesive, banner and sign, fabric, fine art printing material
Weight	Up to 460 g/m² depending on media type
Thickness	Up to 0.56 mm

Memory

RAM	32 GB
Hard disk	Standard, 160 GB

Connectivity

Interfaces (standard)	Gigabit Ethernet (1000Base-T); EIO Jetdirect accessory slot; Hi-Speed USB 2.0
Interfaces (optional)	Compatible HP Jetdirect LAN cards
Print languages (standard)	HP-GL/2, HP-RTL, CALS G4
Print languages (optional)	Adobe® PostScript® 3; Adobe® PDF 1.7; TIFF; JPEG
Drivers included	HP-GL/2, HP-RTL drivers for Windows® (optimised for AutoCAD 2000 and higher); PostScript® Windows®, Linux, and Mac drivers with optional PostScript®/PDF Upgrade Kit

Environmental ranges

Operating temperature	5 to 40ºC
Storage temperature	-20 to 55ºC
Operating humidity	20 to 80% RH
Storage humidity	20 to 80% RH

Acoustic

Sound Pressure	53 dB(A), 38 dB(A) (standby)
Sound Power	7.0 B(A), 5.8 B(A) (standby)

Dimensions (w x d x h)

Printer	1970 x 690 x 1370 mm
Packaged	2230 x 750 x 1200 mm

Weight

Printer	123 kg
Packaged	210 kg

Power consumption

Maximum	270 watts (printing); <100 watts (ready); <9 watts (<46 watts with embedded Digital Front End) (sleep); <0.5 watts (off)
Power requirements	Input voltage (auto ranging): 100 to 127 VAC (+/- 10%), 5 A; 220 to 240 VAC (+/- 10%), 3 A; 50/60 Hz (+/- 3 Hz)

What's in the box

CQ109A	HP Designjet Z6200 1067 mm (42-in) Printer; spindle; printheads; introductory ink cartridges; maintenance cartridge; Original HP media sample roll; printer stand; media bin; 7.62 cm (3-in) spindle adaptor kit; quick reference guide; setup poster; startup software; power cord

Certification

Safety	EU (LVD and EN 60950-1 compliant); Russia (GOST)
Electromagnetic	Compliant with Class A requirements, including EU (EMC Directive)
Environmental	ENERGY STAR®; WEEE; EU RoHS; REACH; FEMP
ENERGY STAR	Yes

Warranty

	Standard warranty: one year, next business day on-site support. Warranty and support options vary by product, country and local legal requirements.

Ordering information

Product

CQ109A	HP Designjet Z6200 1067 mm Photo Printer

Accessories

CQ745A	HP Designjet PostScript/PDF Upgrade Kit
CQ752A	HP Designjet Z6200 42-in Take-Up Reel
CQ753A	HP Designjet Z6200 42-in Spindle
CQ754A	HP Designjet 60-in Spindle
E2P02A	HP SmartStream Preflight Manager for HP Designjet
J8025A	HP Jetdirect 640n Print Server
K3L60A	HP SmartStream Print Controller for HP Designjet Z6200/Z6600/Z6800 Production Printers
Q6714A	HP Designjet 60-in Media Bin

Printheads

CE017A	HP 771 Matte Black/Chromatic Red DesignJet Printhead
CE018A	HP 771 Magenta/Yellow DesignJet Printhead
CE019A	HP 771 Light Magenta/Light Cyan DesignJet Printhead
CE020A	HP 771 Photo Black/Light Gray DesignJet Printhead

Ink supplies

B6Y07A	HP 771C 775-ml Matte Black DesignJet Ink Cartridge
B6Y08A	HP 771C 775-ml Chromatic Red DesignJet Ink Cartridge
B6Y09A	HP 771C 775-ml Magenta DesignJet Ink Cartridge
B6Y10A	HP 771C 775-ml Yellow DesignJet Ink Cartridge
B6Y11A	HP 771C 775-ml Light Magenta DesignJet Ink Cartridge
B6Y12A	HP 771C 775-ml Light Cyan DesignJet Ink Cartridge
B6Y13A	HP 771C 775-ml Photo Black DesignJet Ink Cartridge
B6Y14A	HP 771C 775-ml Light Gray DesignJet Ink Cartridge
B6Y31A	HP 771C 3-pack 775-ml Matte Black DesignJet Ink Cartridges
B6Y32A	HP 771C 3-pack 775-ml Chromatic Red DesignJet Ink Cartridges
B6Y33A	HP 771C 3-pack 775-ml Magenta DesignJet Ink Cartridges
B6Y34A	HP 771C 3-pack 775-ml Yellow DesignJet Ink Cartridges
B6Y35A	HP 771C 3-pack 775-ml Light Magenta DesignJet Ink Cartridges
B6Y36A	HP 771C 3-pack 775-ml Light Cyan DesignJet Ink Cartridges
B6Y37A	HP 771C 3-pack 775-ml Photo Black DesignJet Ink Cartridges
B6Y38A	HP 771C 3-pack 775-ml Light Gray DesignJet Ink Cartridges
CH644A	HP 771 DesignJet Maintenance Cartridge

Media supplies

C6036A	HP Bright White Inkjet Paper-914 mm x 45.7 m
CG460A	HP Premium Matte Photo Paper-914 mm x 30.5 m (36 in x 100 ft)
Q1398A	HP Universal Bond Paper-1067 mm x 45.7 m (42 in x 150 ft)
Q1899B	HP Opaque Scrim-1067 mm x 15.2 m (42 in x 50 ft)
Q1907A	HP Matte Polypropylene-1524 mm x 22.9 m (60 in x 75 ft)
Q8674A	HP Professional Matte Canvas-1067 mm x 15.2 m (42 in x 50 ft)

Service & support

H4518E HP Network Installation Service for DesignJet High-end series
UX877PE HP 1 year Post Warranty Next business day with Defective Media Retention Z6200 1067 mm (42 in)
U7SZ4PE HP 2 year Post Warranty Next business day with Defective Media Retention Z6200 1067 mm (42 in)
U7SZ3E HP 2 year Next business day with Defective Media Retention Z6200 1067 mm (42 in)
UX872E HP 3 year Next business day with Defective Media Retention Z6200 1067 mm (42 in)
UX873E HP 4 year Next business day with Defective Media Retention Z6200 1067 mm (42 in)
UX874E HP 5 year Next business day with Defective Media Retention Z6200 1067 mm (42 in)
U1XV4E HP Preventive Maintenance Hardware Support

HP Designjet Support Services offer solutions for business critical environments - installation, extended support and maintenance, as well as variety of value added services. For more information, please visit hp.com/go/designjet/support.

Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. For more information, visit hp.com/go/OriginalHPinks.

Contact us
United Kingdom 0800.408.0784
Ireland 1.800.94.4757
Middle East 800.035703174
South Africa 0800.999.693

For the entire HP Large Format Printing Materials portfolio, please see globalBMG.com/hp.

For more HP Large Format Media substrates and sizes please visit us online at: http://www.hp.com/go/designjet/supplies