



HP Designjet Z6200 Photo Production Printer

Fastest 42-in graphics production printer with unrivaled print quality¹



Designed for speed and productivity

- Print as fast as 1225 ft²/hr (113 m²/hr) in Fast mode and 177 ft²/hr (16,4 m²/hr) in normal mode²
- Create quality prints at top speed with HP Double Swath Technology and the HP Optical Media Advance Sensor
- Gain time—you can handle all your prints immediately using fast-drying HP Vivid Photo Inks
- Optimize performance and ink usage—automatic servicing routines help prevent nozzle clogging and media waste

Unrivaled image quality

- Do more—produce backlit signs, POP displays, roll-up banners, canvases, line drawings, and maps with unrivaled print quality
- Create unique black-and-white prints—three shades of black HP inks produce outstanding optical density and smooth transitions
- Offer exceptional colors—HP Vivid Photo Inks include chromatic red for a wide color gamut, with uniform gloss
- Provide extraordinary display permanence—durable prints last up to 200 years³

For more information, please visit
hp.com/go/DesignjetZ6200

Advanced color management backed by HP reliability

- See reliable results with HP Professional PANTONE® color emulation and Adobe Postscript®/PDF Upgrade Kit⁴
- Generate custom ICC profiles and achieve color accuracy, consistency with the embedded spectrophotometer⁵
- Boost color accuracy—complete coverage of SWOP, ISO, GRACOL, 3DAP, EUROSCALE, TOYO, and FOGRA gamut
- Streamline production with an HP Embedded Web Server and print previews, which help eliminate trial and error

Eco Highlights

- Breakthrough color consistency can help reduce unnecessary reprints
- Free, convenient HP ink cartridge and printhead recycling¹
- FSC®-certified papers,² range of recyclable HP media with a take-back program³
- ENERGY STAR® qualified and EPEAT Bronze registered³



¹ Program availability varies. Please check hp.com/recycle for details.

² BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions.

³ EPEAT registered where applicable/supported. See epeat.net for registration status by country.

Please recycle large-format printing hardware and printing supplies.

Find out how at our website
hp.com/ecosolutions

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 Using plain paper and Fast mode, the HP Designjet Z6200 Photo Production Printer can achieve speeds up to 1225 ft²/hr (113 m²/hr). Using glossy paper and Normal mode, this printer can achieve print speeds up to 177 ft²/hr (16,4 m²/hr).

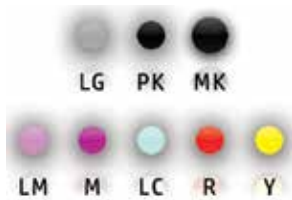
³ Display permanence rating for interior displays/away from direct sunlight by HP Image Permanence Lab, and by Wilhelm Imaging Research, Inc. on a range of HP media. For more information, see global.BMG.com/hp/printpermanence.

⁴ HP Professional PANTONE color emulation and embedded Adobe Postscript®/PDF Upgrade Kit sold separately.

⁵ Embedded in this HP Designjet printer is an i1 spectrophotometer from X-Rite. Close collaboration between HP and X-Rite ensures a reliable solution that's been thoroughly tested to meet customer demands for ease, quality, and dependability.

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.



HP Vivid Photo Inks

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 grays with smooth, subtle transitions, true gray 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 sun⁶.

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 Center 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,⁷ TIFF, JPEG, PPT,⁸ 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.



HP Optical Media Advance Sensor (OMAS)



HP Embedded Spectrophotometer

⁶ 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.

⁷ PDF version 1.9 or earlier.

⁸ PowerPoint 2003 or higher must be installed.

Exceptional image quality that increases your offering



Retail POP/POS

Create appealing advertising posters, displays, window graphics and backlits, that can influence shoppers' decisions. High-quality printing on a wide variety of media can help you gain a competitive edge.



Exhibition and Event Graphics

Grab attention at exhibitions and events with eye-catching top-quality graphics. Print a variety of applications, from roll-up banners and pop-up banners to backlit signs and posters, with outstanding print quality.



Professional Photography and Digital Fine Art

Produce dazzling fine art reproductions for galleries and artists with high-quality digital printing. Long lifespan and fade resistance keep prints in top viewing condition on a range of printing materials from canvas to high-end professional photo and fine art papers.



Maps and Orthophotos

Communicate clearly with excellent image and line quality on all your prints from drawings to satellite and aerial photos, maps, and more.



Renderings, Posters and Presentations

Print large-format drawings, schematics, renderings, and presentations with great ease, speed, sharp details and vibrant quality—all at low running costs.



Line Drawings

Print anything from simple CAD drawings to complex color documents with high speed and outstanding image quality. Bring your vision to life with drawings full of fine detail, enabled by precise line accuracy.

HP-certified RIP solutions

The HP Designjet Z6600 Production Printer and the HP Designjet Z6800 Photo Production Printer offer an exceptional range of HP-certified third-party RIP solutions and workflow products whatever your application needs that will help you meet to your essential performance expectations. Learn more at hp.com/go/DesignjetRIPs.

Trust HP Services

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/designjetsupport.

HP Vivid Photo Inks

Use HP Vivid Photo Inks and printheads to experience consistent high-quality and reliable performance that enable less downtime and increased productivity. These critical printing system components are designed and engineered together to provide optimized efficiency, a wide color gamut, and prints with over 200 years fade resistance.⁹ For more information, visit hp.com/go/OriginalHPInks.

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

⁹ Display permanence rating for interior displays/away from direct sunlight, under glass by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media. See globalBMG.com/hp.

Technical specifications

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|-------------------------------|---|--|
| Print | Max. print speed ¹⁰ | 113 m ² /hr (1225 ft ² /hr) |
| | Print resolution | Up to 2400 x 1200 optimised dpi |
| | Margins (top x bottom x left x right) | 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) |
| | Technology | HP Thermal Inkjet |
| Image quality | Colour accuracy | Median < 1.19 dE2000, 95% of colours < 2.77 dE2000 ¹¹ |
| | Short-term colour stability | < 1 dE2000 less than 5 minutes ¹² |
| | Long-term print-to-print repeatability | Average < 0.5 dE2000, max < 1 dE2000 ¹² |
| Media | Handling | Roll feed, automatic cutter, media bin |
| | Weight | Up to 460 g/m ² (114 lb) depending on media type |
| | Size | 280 to 1067-mm (11 to 42-in) rolls |
| | Thickness | Up to 0.56 mm (22 mil) |
| Applications | Maps, Orthophotos, Posters, Banners, Mockups, Photos, Digital fine art, Proofs, Displays, POP/POS | |
| Memory | 32 GB (virtual) ¹³ , 160 GB hard disk | |
| Connectivity | Interfaces (standard) | Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot |
| | Print languages | Standard: HP-GL/2, HP-RTL, CALS G4 Optional: Adobe® PostScript® 3™, Adobe PDF 1.7, TIFF, JPEG |
| | Drivers (included) | HP-GL/2, HP-RTL drivers for Windows® (optimized for AutoCAD, from version 2000 to current), PostScript® Windows, Linux, and Mac drivers with optional PostScript®/ PDF Upgrade Kit |
| Dimensions (w x d x h) | Printer | 1970 x 690 x 1370 mm (77.5 x 27.2 x 53.9 in) |
| | Shipping | 2230 x 750 x 1200 mm (87.8 x 29.5 x 47.2 in) |
| Weight | Printer | 123 kg (271 lb) |
| | Shipping | 210 kg (462 lb) |
| Environmental ranges | Operating temperature: | 5 to 40°C (41 to 104°F) |
| | Storage temperature: | -20 to 55°C (-4 to 131°F) |
| | Operating humidity: | 20 to 80% RH |
| Acoustic | Sound pressure: | 53 dB(A) (active); 38 dB(A) (standby) |
| | Sound power: | 7 B(A) (active); 5.8 B(A) (standby) |
| Power consumption | 270 watts (printing); < 100 watts (ready); < 9 watts (<46 watts with embedded Digital Front End) (sleep); < 0.5 watts (off) | |
| | Requirements: Input voltage (auto ranging): 100 to 127 VAC (+/- 10%), 5 A; 220 to 240 VAC (+/- 10%), 3 A; 50/60 Hz (+/- 3 Hz) | |
| Certification | Safety | USA and Canada (CSA certified), EU (LVD and EN 60950-1 compliant), Russia (GOST), Singapore (PSB), China (CCC), Argentina (IRAM), Mexico (NICE), Korea (KC) |
| | Electro-magnetic | Compliant with Class A requirements, including USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (MSIP) |
| | Environmental | ENERGY STAR, WEEE, EU RoHS, China RoHS, REACH, FEMP, EPEAT Bronze |
| Warranty | One-year limited hardware warranty | |

¹⁰ Mechanical printing time. Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (Bond) and Original HP inks.

¹¹ ICC absolute colourimetric accuracy on HP Proofing Matte paper with Original HP inks.

¹² With HP Premium Instant-dry Gloss Photo Paper and Original HP inks, right after calibration.

¹³ Based on 1 GB RAM. Expandable to 1.5 GB RAM through an HP Designjet qualified SODIMM included only in the optional HP Designjet PostScript®/PDF Upgrade Kit accessory.

¹⁴ BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions.

¹⁵ In North America, recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area).

¹⁶ HP Large Format Media take-back programme availability varies. Recycling programmes may not exist in your area. See hp.com/recycle for details.

¹⁷ Display permanence rating for interior displays/away from direct sunlight, under glass by HP Image Permanence Lab and/or by Wilhelm Imaging Research, Inc. on a range of HP media. See globalBMG.com/hp/printpermanence.



Ordering information

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| Product | CQ109A | HP Designjet Z6200 42-in Photo Printer |
| Accessories | CQ745A | HP Designjet PostScript®/PDF Upgrade Kit |
| | CQ752A | HP Designjet Z6200 42-in Take-up Reel |
| | Q6714A | HP Designjet 42-in Media Bin |
| | CQ753A | HP Designjet Z6200 42-in Spindle |
| | G6H51A | HP Designjet HD Pro Scanner |
| | J8025A | HP Jetdirect 640n Print Server |
| | Q6715A | HP Designjet Z6x00 User Maintenance Kit |
| | E2P02A | HP SmartStream Preflight Manager for HP Designjet |
| | K3L60A | HP SmartStream Print Controller for HP Designjet Z6200/Z6600/Z6800 Production Printers |
| | Original HP printheads | CE017A |
| CE018A | | HP 771 Magenta and Yellow Designjet Printhead |
| CE019A | | HP 771 Light Magenta and Light Cyan Designjet Printhead |
| CE020A | | HP 771 Photo Black and Light Gray Designjet Printhead |
| Original HP ink cartridges and maintenance supplies | | CE037A/B6Y15A |
| | CE038A/B6Y16A | HP 771A 775-ml Chromatic Red Designjet Ink Cartridge |
| | CE039A/B6Y17A | HP 771A 775-ml Magenta Designjet Ink Cartridge |
| | CE040A/B6Y18A | HP 771A 775-ml Yellow Designjet Ink Cartridge |
| | CE041A/B6Y19A | HP 771A 775-ml Light Magenta Designjet Ink Cartridge |
| | CE042A/B6Y20A | HP 771A 775-ml Light Cyan Designjet Ink Cartridge |
| | CE043A/B6Y21A | HP 771A 775-ml Photo Black Designjet Ink Cartridge |
| | CE044A/B6Y22A | HP 771A 775-ml Light Gray Designjet Ink Cartridge |
| | CR250A/B6Y39A | HP 771A 3-pack 775-ml Matte Black Designjet Ink Cartridge |
| | CR251A/B6Y40A | HP 771A 3-pack 775-ml Chromatic Red Designjet Ink Cartridge |
| | CR252A/B6Y41A | HP 771A 3-pack 775-ml Magenta Designjet Ink Cartridge |
| | CR253A/B6Y42A | HP 771A 3-pack 775-ml Yellow Designjet Ink Cartridge |
| | CR254A/B6Y43A | HP 771A 3-pack 775-ml Light Magenta Designjet Ink Cartridge |
| | CR255A/B6Y44A | HP 771A 3-pack 775-ml Light Cyan Designjet Ink Cartridge |
| | CR256A/B6Y45A | HP 771A 3-pack 775-ml Photo Black Designjet Ink Cartridge |
| CR257A/B6Y46A | HP 771A 3-pack 775-ml Light Gray Designjet Ink Cartridge | |
| CH644A | HP 771 Designjet Maintenance Cartridge | |
| Original HP large format printing materials | Q7996A | HP Premium Instant-dry Satin Photo Paper (FSC® certified) ¹⁴ 1067 mm x 30.5 m (42 in x 100 ft) |
| | Q6576A | HP Universal Instant-dry Gloss Photo Paper (FSC® certified) ¹⁴ 1067 mm x 30.5 m (42 in x 100 ft) |
| | Q8706A | HP Artist Matte Canvas 1067 mm x 30.5 m (42 in x 100 ft) |
| | Q8748A | HP Premium Vivid Color Backlit Film ¹⁵ 1067 mm x 30.5 m (42 in x 100 ft) |
| Service and support | H4518E | HP Installation Service with Network Setup |
| | UV289E | HP 3 years Next Business Day Onsite Support |
| | UX869E | HP 5 years Next Business Day Onsite Support |
| | UX879PE | HP 1 years Post Warranty, Next Business Day Onsite Support |
| | UX876PE | HP 2 years Post Warranty, Next Business Day Onsite Support |
| | U1XV4E | HP Preventive Maintenance Service |

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

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