

HP Designjet Z6200 Photo Printer series



The fastest¹ heavy-duty photo printer.



Offer the shortest turnaround times¹ and significantly boost productivity.

- Turn around orders in record time with this — the fastest printer in its class¹, 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 table².

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-resistant³ 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 unlaminate; 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.hp.com/go/supplies/printpermanence

HP Designjet Z6200 Photo Printer series

Technical specifications

| Print | |
|---------------------------------------|--|
| Line Drawings | 17 sec/page on A1/D |
| Colour images | CQ109A: 108 m ² /hr on coated media; 16.4 m ² /hr on glossy media CQ111A: 128.5 m ² /hr on coated media; 19.7 m ² /hr on glossy media |
| Print speed | 140 m ² /hr; Mechanical printing time, Printed in Fast mode with Economode on, using HP Bright White Inkjet Paper (Bond). Measured on a 60-in printer. |
| 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 (L, M, Y, C), 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 23° 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 | |
| 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/m ² depending on media type |
| Thickness | Up to 0.56 mm |
| Memory | |
| Standard | 32 GB, Based on 1 GB RAM, Expandable to 1.5 GB RAM through a Designjet qualified SODIMM included only in the optional HP Designjet PostScript®/PDF Upgrade Kit accessory |
| 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 |
| Operating systems compatibility | |
| | Windows® 7 Ultimate/Professional/Home Premium; Windows Vista® Ultimate/Business/Home Premium; Microsoft® Windows® XP (32-bit, 64-bit) Professional/Home, Server 2008 (32-bit, 64-bit), Server 2003 (32-bit, 64-bit); Mac OS X v10.4, v10.5, v10.6 (with optional PostScript/PDF upgrade); Citrix XenApp; Citrix XenServer |
| Recommended system requirements | |
| Mac | Mac OS X v10.4, v10.5: PowerPC G3 or Intel® Core processor, 246 MB RAM, 1 GB available hard disk space; Mac OS X v10.6: Mac computer with Intel® Core processor, 1 GB RAM, 2 GB available hard disk space |
| Windows | Windows® 7: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 2 GB available hard disk space; Windows Vista® Ultimate/Business/Home Premium: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 1 GB RAM; 2 GB available hard disk space; Microsoft® Windows® XP Professional/Home (SP2 or higher); Intel® Pentium® family or AMD K6™/Athlon™/Duron™ family (1 GHz); 512 MB RAM; 2 GB available hard disk space |
| Environmental ranges | |
| Operating temperature | 5 to 40°C |
| Storage temperature | -20 to 55°C |
| 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) |

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 |
| CQ111A | HP Designjet Z6200 1524 mm (60-in) Printer; spindle; printheads; introductory ink cartridges; maintenance cartridge; Original HP media sample roll; printer stand; loading table; Take-Up Reel; 7.62 cm (3-in) spindle adaptor kit; quick reference guide; setup poster; startup software; power cord |

Dimensions (w x d x h)

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|----------|---|
| Printer | CQ109A: 1970 x 690 x 1370 mm; CQ111A: 2430 x 690 x 1370 mm; |
| Packaged | CQ109A: 2230 x 750 x 1200 mm; CQ111A: 2690 x 750 x 1200 mm; |

Weight

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|----------|---|
| Printer | CQ109A: 123 kg; CQ111A: 190 kg; |
| Packaged | CQ109A: 210 kg; CQ111A: 250 kg; |

Power consumption

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|--------------------|--|
| Maximum | 420 watts maximum, 270 watts (active), <100 watts (standby), <9 watts/<46 watts with embedded Digital Front End (sleep), <0.5 watts (manual 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) |

Certification

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|-----------------|---|
| 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

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|--------|--|
| CQ109A | HP Designjet Z6200 1067 mm Photo Printer |
| CQ111A | HP Designjet Z6200 1524 mm Photo Printer |

Accessories

| | |
|--------|---|
| CQ745A | HP Designjet PostScript/PDF Upgrade Kit |
| CQ752A | HP Designjet Z6200 1067mm Take-Up Reel |
| CQ753A | HP Designjet Z6200 1067mm Spindle |
| CQ754A | HP Designjet Z6200 1524 mm Spindle |
| Q6714A | HP Designjet 1524mm Media Bin |
| Q654B | HP Designjet HD Scanner |
| J8025A | HP Jetdirect 640n Print Server |

Ink supplies

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|--------|--|
| CH644A | HP 771 Designjet Maintenance Cartridge |
| 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 |
| 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 |

Media supplies

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|--------|---|
| Q8748A | HP Premium Vivid Color Backlit Film-1067 mm x 30.5 m (42 in x 100 ft) |
| Q8674A | HP Professional Matte Canvas-1067 mm x 15.2 m (42 in x 50 ft) |
| Q1899B | HP Opaque Scrim-1067 mm x 15.2 m (42 in x 50 ft) |
| C6036A | HP Bright White Inkjet Paper-914 mm x 45.7 m |
| Q1398A | HP Universal Bond Paper-1067 mm x 45.7 m (42 in x 150 ft) |
| Q1907A | HP Matte Polypropylene-1524 mm x 22.9 m (60 in x 75 ft) |
| C6460A | HP Premium Matte Photo Paper-914 mm x 30.5 m (36 in x 100 ft) |

Service & support

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|---------|---|
| UV289E | HP Care Pack, Next Business Day Designjet Z6200 1067mm Hardware Support, 3 years |
| UX868E | HP Care Pack, Next Business Day Designjet Z6200 1067mm Hardware Support, 4 years |
| UX869E | HP Care Pack, Next Business Day Designjet Z6200 1067mm Hardware Support, 5 years |
| UV291E | HP Care Pack, 4 Hour Response Time 13x5 Designjet Z6200 1067mm Hardware Support, 3 years |
| UX879PE | HP Care Pack, Post Warranty Next Business Day Designjet Z6200 1067mm Hardware Support, 1 year |
| UX876PE | HP Care Pack, Post Warranty Next Business Day Designjet Z6200 1067mm Hardware Support, 2 years |
| UX878PE | HP Care Pack, Post Warranty 4 Hour Response Time 13x5 Designjet Z6200 1067mm Hardware Support, 1 year |
| H4518E | HP Care Pack, Network Install Designjet T23-71XX, 400-6200 SVC |

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For more information, please visit <http://www.hp.com/designjetZ6200>

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

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