



HP Designjet Z5200 PostScript Printer

Transform your business with high-profit, high-quality, large format prints, fast and easily.



Easy and intuitive.

- Save half the steps needed to create a print[1]: submit many files at a time, directly to the printer, without having to wait to open an application.
- HP Instant Printing Pro streamlines the printing process from beginning to end with fast, easy file preparation, automatic nesting, preview, orientation and crop marks.
- Get accurate colours fast, easily, and cost-effectively – the embedded spectrophotometer enables automatic calibration and profiling, minimising expensive trial-and-error printing.
- Produce a large variety of long lasting applications using HP Vivera pigment inks.

Quick printing.

- Increase productivity, save up to five minutes on every print and turn around orders quickly – print up to 41 m² (445 ft²) at maximum speed and 9 m² at production speed without sacrificing quality, using HP Vivera pigment inks.
- Streamline your workflow: process large files quickly and easily with a 160 GB Hard Disk Drive.
- Take advantage of the HP Designjet Excel Accounting Report to track jobs by customer, job or costs.
- Print unattended with 300 ml HP ink supplies.

Print any file format.

- Achieve dependable, high-quality results on a wide range of applications with built-in PostScript support for PS/PDF files.
- Meet customers' colour expectations quickly and reliably with HP Professional PANTONE Emulation.
- Impress your clients with long-lasting[2], colour and black-and-white prints at up to 2400 x 1200 optimised dpi resolution.
- Get cost-effective everyday printing and enhanced print quality – with HP Universal Bond Paper and HP Bright White Inkjet Paper featuring ColorPRO Technology.

[1] Comparison made between printing with HP Instant Printing Pro versus printing from an application and using the driver for any of the files supported with HP Instant Printing Pro.

[2] 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. Water resistance ratings tested by HP Image Permanence Lab on a range of HP media.





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TECHNICAL SPECIFICATIONS

| Print | |
|---------------------------------------|--|
| Line drawings | Fast: 42 sec/page, 41 m ² /hr |
| Colour images (normal mode) | Coated Paper: 10.2 m ² /hr Glossy Paper: 7.7 m ² /hr |
| Print resolution | Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi with maximum detail selected |
| Margins (top x bottom x left x right) | Roll: 5 mm (top), 5 mm (right), 5 mm (left), 5 mm (bottom); borderless on glossy/satin roll media Sheet: 5 mm (top), 5 mm (right), 5 mm (left), 17 mm (bottom) |
| Technology | HP Thermal Inkjet |
| Ink types | HP Vivaera pigment inks |
| Ink colours | 8 (cyan, magenta, yellow, light cyan, light grey, light magenta, matte black, photo black) |
| Ink drop | 4 pl (l, m, lg, pK), 6 pl (C, M, Y, mK) |
| Ink cartridge size | HP 772 Ink Cartridge: cyan, magenta, yellow, light cyan, light grey, light magenta, matte black, photo black (300 ml); HP 70 Ink Cartridge: Cyan, magenta, yellow, light cyan, light grey, light magenta, matte black, photo black (130 ml) |
| Line accuracy | +/- 0.2% (+/- 0.2% of the specified vector length or +/- 0.1 mm (whichever greater) at 23° C (73° F), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode) |
| Minimum line width | 0.04 mm (HPGL/2 addressable) |
| Guaranteed minimum line width | 0.08 mm (ISO/IEC 13660:2001(E)) |
| Maximum print length | 91 m (application dependent) |
| Colour accuracy | Median < 1.6 dE2000, 95% of colours < 2.8 dE2000 (ICC absolute colorimetric accuracy on HP Matte Proofing Paper) |
| Short term colour stability | < 1 dE2000 in less than 5 minutes (With HP Premium Instant-dry Satin Photo media, right after calibration) |
| Print-to-print repeatability | Average < 0.5 dE2000, 95% of colors < 1.4 dE2000 (With HP Premium Instant-dry Satin Photo media, right after calibration) |
| Maximum optical density | 2.5 maximum black optical density (4 L* min) with HP Premium Instant Dry Photo Gloss media |
| Media | |
| Handling | Sheet feed, roll feed, automatic cutter (cuts all media except canvas) |
| Types | Photographic, proofing, fine art printing material, self-adhesive, banner and sign, bond and coated, backlit, fabric/textile |
| Weight | 500 g/m ² |
| Size | 216 x 279 to 1118 x 1676 mm |
| Thickness | Up to 0.8 mm |
| Memory | |
| Standard | 32 GB (dedicated file-processing memory) |
| Hard disk | Standard, 160 GB |
| Connectivity | |
| Interfaces (standard) | Gigabit Ethernet (1000Base-T); Hi-Speed USB 2.0; EIO Jetdirect accessory slot |
| Interfaces (optional) | HP Jetdirect EIO print servers |
| Print languages (standard) | Adobe® PostScript® 3, Adobe® PDF, TIFF, JPEG, CALS G4, HP PCL 3 GUI, HP-GL/2 (with free HP Instant Printing Pro) |
| Drivers included | HP PCL 3 GUI and PostScript® drivers for Windows® (optimised for AutoCAD 2000 and higher) and Mac OS X; support for Citrix® XenApp and Citrix® XenServer environments |
| Recommended system requirements | |
| Mac | Mac OS X v10.4, v10.5: PowerPC G4, G5, or Intel® Core processor; 1 GB RAM; 2 GB available hard disk space; Mac OS X v10.6: Mac computer with Intel® Core processor; 2 GB RAM; 4 GB available hard disk space |
| Windows | Windows® 7: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 2 GB RAM (32-bit) or 4 GB RAM (64-bit), 4 GB available hard disk space; Windows Vista® Home Premium/Business/Ullimate: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 2 GB RAM, 4 GB available hard disk space; Microsoft® Windows® XP Home/Professional (SP2 or higher): Intel® Pentium® family or AMD K6™/Athlon™/Duron™ family (1 GHz), 1 GB RAM, 2 GB available hard disk space |
| Dimensions (w x d x h) | |
| Printer | 1770 x 690 x 1047 mm |
| Shipping | 1930 x 766 x 769 mm |
| Weight | |
| Printer | 86 kg |
| Shipping | 123 kg |
| What's in the box | |
| CQ113A | Printer; printheads; introductory ink cartridges; 111.8 cm, (44 in) stand; 111.8 cm, (44 in) spindle; Original HP sample media roll; quick reference guide; setup poster; start-up software; power cord |
| Environmental ranges | |
| Operating Temperature | 5 to 40° C |
| Recommended operating temperature | 15 to 35° C |
| Storage temperature | -25 to 55° C |
| Recommended operating humidity | 20 to 80% RH |
| Storage humidity | 0 to 95% RH |

| Acoustic | |
|--------------------|---|
| Sound Pressure | 49 dB(A), 29 dB(A) (standby) |
| Sound Power | 6.5 B(A), 4.4 B(A) (standby) |
| Power Consumption | |
| Maximum | 170 watts maximum (active), < 50 watts (standby), < 12 watts / < 30 watts with embedded DFE (sleep), 0.1 watts (manual-off) |
| Power requirements | Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max |
| Certification | |
| Safety | EU (LVD and EN 60950-1 compliant); Russia (GOST) |
| Electromagnetic | Compliant with Class B requirements EU (EMC Directive) |
| Environmental | WEEE; EU RoHS; REACH; Eup; FEMP |
| ENERGY STAR | Yes |
| Warranty | |
| | One-year limited warranty. Warranty and support options vary by product, country and local legal requirements. |

ORDERING INFORMATION

| Product | |
|-------------------|--|
| CQ113A | HP Designjet Z5200 PostScript Printer |
| Accessories | |
| Q6699A | HP Designjet Z 44-in Spindle |
| J7961G | HP Jetdirect 635n IPv6/IPsec Print Server |
| CN088A | Serif PosterDesigner Software Pro for HP Designjet Printers |
| Ink supplies | |
| CN629A | HP 772 300-ml Magenta Designjet Ink Cartridge |
| CN630A | HP 772 300-ml Yellow Designjet Ink Cartridge |
| CN631A | HP 772 300-ml Light Magenta Designjet Ink Cartridge |
| CN632A | HP 772 300-ml Light Cyan Designjet Ink Cartridge |
| CN633A | HP 772 300-ml Photo Black Designjet Ink Cartridge |
| CN634A | HP 772 300-ml Light Gray Designjet Ink Cartridge |
| CN635A | HP 772 300-ml Matte Black Designjet Ink Cartridge |
| CN636A | HP 772 300-ml Cyan Designjet Ink Cartridge |
| C9404A | HP 70 Matte Black and Cyan Printhead |
| C9405A | HP 70 Light Magenta and Light Cyan Printhead |
| C9406A | HP 70 Magenta and Yellow Printhead |
| C9407A | HP 70 Photo Black and Light Grey Printhead |
| C9448A | HP 70 130-ml Matte Black Ink Cartridge |
| C9449A | HP 70 130-ml Photo Black Ink Cartridge |
| C9451A | HP 70 130-ml Light Grey Ink Cartridge |
| C9453A | HP 70 130-ml Magenta Ink Cartridge |
| C9454A | HP 70 130-ml Yellow Ink Cartridge |
| C9455A | HP 70 130-ml Light Magenta Ink Cartridge |
| C9452A | HP 70 130-ml Cyan Ink Cartridge |
| C9390A | HP 70 130-ml Light Cyan Ink Cartridge |
| Media supplies | |
| 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) |
| CG891A | HP Recycled Bond Paper-1067 mm x 45.7 m (42 in x 150 ft) |
| C6569C | HP Heavyweight Coated Paper-1067 mm x 30.5 m (42 in x 100 ft) |
| Q7996A | HP Premium Instant-dry Satin Photo Paper-1067 mm x 30.5 m (42 in x 100 ft) |
| Q6576A | HP Universal Instant-dry Gloss Photo Paper-1067 mm x 30.5 m (42 in x 100 ft) |
| Q6581A | HP Univ Instant-dry Semi-gloss Photo Paper-1067 mm x 30.5 m (42 in x 100 ft) |
| Q1428A | HP Universal High-gloss Photo Paper-1067 mm x 30.5 m (42 in x 100 ft) |
| Q1422A | HP Universal Semi-gloss Photo Paper-1067 mm x 30.5 m (42 in x 100 ft) |
| CH025A | HP 2-pack Everyday Matte Polypropylene-1067 mm x 30.5 m (42 in x 100 ft) |
| Q8748A | HP Premium Vivid Colour Backlit Film-1067 mm x 30.5 m (42 in x 100 ft) |
| Q1899B | HP Opaque Scrim-1067 mm x 15.2 m (42 in x 50 ft) |
| Q8706A | HP Artist Matte Canvas-1067 mm x 15.2 m (42 in x 50 ft) |
| Service & support | |
| UV210E | HP Care Pack, Next Business Day Designjet Z5200 44-in Hardware Support, 3 years |
| UV211E | HP Care Pack, Next Business Day Designjet Z5200 44-in Hardware Support, 4 years |
| UV212E | HP Care Pack, Next Business Day Designjet Z5200 44-in Hardware Support, 5 years |
| UV219E | HP Care Pack, 4 Hour Response Time 13x5 Designjet Z5200 44-in Hardware Support, 3 years |
| UV222PE | HP Care Pack, Post Warranty Next Business Day Designjet Z5200 44-in Hardware Support, 1 year |
| UV223PE | HP Care Pack, Post Warranty Next Business Day Designjet Z5200 44-in Hardware Support, 2 years |
| UV226PE | HP Care Pack, Post Warranty 4 Hour Response Time 13x5 Designjet Z5200 44-in Hardware Support, 1 year |

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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