



DESIGNJET Z5200 PostScript® PRINTER

Instant large-format printing



Easy and intuitive

With this printer you save half the steps needed to get a print¹—so it's easier, and you're more productive. Take advantage of a printer that is so easy and intuitive, you'll wonder why you waited to bring large-format printing in house.

- Eliminate and automate many of the steps involved with traditional large-format printing. HP Instant Printing Pro streamlines the printing process from beginning to end with fast, easy file preparation and automatic nesting, preview, orientation, and crop marks.
- Achieve your desired colors quickly while minimizing unnecessary and expensive trial-and-error printing. This printer's embedded spectrophotometer enables automatic calibration and profiling for greater color accuracy and consistency.

Quick printing

Save up to 5 minutes on every print. Add large-format printing to your offering without slowing down your workflow. Eliminate time-consuming steps, see fast speeds, and process and manage jobs more effectively with high productivity.

- Speed up the printing process by eliminating some of the time-consuming steps along the way. The HP Designjet Z5200 PostScript® Printer lets you submit many files at a time, directly to the printer, without having to wait to open an application.
- Turn around orders quickly and still deliver the high quality that customers demand. With the HP Designjet Z5200 PostScript® Printer and HP Vivera pigment inks, you can print up to 41 m²/hr (445 ft²/hr) at production speed without sacrificing quality.

- Streamline your workflow to achieve greater productivity. The printer's 160 GB hard disk provides a large buffer, reducing the chance that your workstation will lock up when printing large files and simplifying the process when you need to reprint.
- Go to unattended printing with 300-ml HP cartridges. Take advantage of the HP Designjet Excel Accounting Report to track jobs by customer, job, or costs. Receive low supplies alerts and use convenient reordering enabled by technology built into HP supplies.^{1,2}

Any file format

Experience dependable, high-quality results on a range of applications, no matter the file format your customer brings. Get high-impact color that's delivered accurately and consistently. Gain efficient operation and a low TCO with this HP printing system.

- Count on a truly dependable printing experience with a built-in PostScript interpreter for in-printer processing of PS and PDF files. And with HP Professional PANTONE Emulation you can meet customer color expectations more quickly and reliably.
- Save time and money by minimizing trial and error printing. This printer's embedded spectrophotometer provides automatic calibration and media profiling for greater consistency and accuracy with the first and every print.
- Impress your customers with long-lasting, high-quality color and black-and-white prints.
- Optimize your everyday printing and achieve a new level of quality and value. HP Universal Bond Paper and HP Bright White Inkjet Paper feature ColorPRO Technology, providing visibly enhanced print quality and cost-effective everyday printing.



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 Program features and availability may vary by country. For more information, visit: www.hp.com/go/lfprinting/materials-supplies





DESIGNJET Z5200 PostScript® PRINTER

TECHNICAL SPECIFICATIONS

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| Print | |
| Line drawings ¹ | 42 sec/page on A1/D, 42.1 A1/D prints per hour |
| Color images ² | Fast: 41 m ² /hr (445 ft ² /hr) on plain media Best: 5.1 min/page on A1/D or up to 5.4 m ² /hr (58 ft ² /hr) on glossy media |
| Print resolution | Up to 2400 x 1200 optimized dpi |
| Margins (top x bottom x left x right) | Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in) (borderless on glossy/satin roll media) Sheet: 5 x 17 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in) |
| Technology | HP Thermal Inkjet |
| Ink cartridge colors | Cyan, magenta, yellow, light cyan, light gray, light magenta, matte black, photo black |
| Ink types | HP Vivera pigment inks |
| Ink drop | 4 pl (l, m, lg, pK), 6 pl (C, M, Y, mK) |
| Ink cartridge size | 300 ml or 130 ml |
| Line accuracy | +/- 0.2% ³ |
| Minimum line width | 0.04 mm (0.0015 in) (HP-GL/2 addressable) |
| Guaranteed minimum line width | 0.08 mm (0.003 in) (ISO/IEC 13660:2001(E)) ⁴ |

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| Image quality | |
| Color accuracy | Median < 1.6 dE2000, 95% of colors < 2.8 dE2000 ⁵ |
| Short term color stability | < 1 dE2000 in less than 5 minutes ⁶ |
| Print-to-print repeatability | Average < 0.5 dE2000, 95% of colors < 1.4 dE2000 ⁶ |
| Maximum optical density | 4 L* min/2.5 D ⁷ |

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| 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 | Up to 500 g/m ² |
| Size | 216 x 279 to 1118 x 1676 mm (8.5 x 11 to 44 x 66 in) sheets; 279 to 1118 mm (11 to 44-in) rolls |
| Thickness | Up to 0.8 mm (31.5 mil) |

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| Processing and memory | |
| | Intel® LE80578 800 MHz, 48 GB (dedicated file-processing memory), 160 GB hard disk |

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| Connectivity | |
| Interfaces (standard) | Gigabit Ethernet (1000Base-T); Hi-Speed USB 2.0 certified; EIO Jeldirect accessory slot |
| Print languages | Adobe® PostScript® 3™, Adobe PDF, TIFF, JPEG, CALS G4, HP PCL 3 GUI, HP-GL/2 ⁸ |
| Drivers (included) | HP PCL 3 GUI and PostScript drivers for Windows® (optimized for AutoCAD 2000 and higher) and Mac OS X; support for Citrix XenApp and Citrix XenServer environments |
| Included software | Printer drivers, HP Instant Printing Pro, HP Printer Utility including HP Color Center, HP Designjet Excel Accounting Report, Serif PosterDesigner Pro for HP (free trial) |

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| Dimensions (w x d x h) | |
| Printer | 1770 x 690 x 1047 mm (69.7 x 27.2 x 41.2 in) |
| Shipping | 1930 x 766 x 769 mm (76 x 30.2 x 30.3 in) |

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| Weight | |
| Printer | 86 kg (189 lb) |
| Shipping | 123 kg (271 lb) |

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| What's in the box | |
| | Printer, printheads, introductory ink cartridges, 44-in stand, Original HP sample media roll, quick reference guide, setup poster, start-up software, power cord |

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| Environmental ranges | |
| Operating temperature | 5 to 40° C (41 to 104° F) |
| Storage temperature | -25 to 55° C (-13 to 131° F) |
| Operating humidity | 20 to 80% RH |

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| Acoustic | |
| Sound pressure, active | 49 dB(A) |
| Sound pressure, standby | 29 dB(A) |
| Sound power, active | 6.5 B(A) |
| Sound power, standby | 4.4 B(A) |

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| Power | |
| Maximum | 170 watts |
| Powersave | < 12 watts (< 30 watts with embedded DFE) |
| Off | 0.1 watts |
| Requirements | Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max |

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| Certification | |
| Safety | USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE) |
| Electromagnetic | Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC) |
| Environmental | WEEE; EU RoHS; China RoHS; REACH; EuP; FEMP |
| ENERGY STAR® qualified models | See: www.hp.com/go/energystar |
| Warranty | One-year limited hardware warranty |

ORDERING INFORMATION

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| Product | |
| CQ113A | HP Designjet Z5200 44-in PostScript® Printer |


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| Accessories | |
| Q6699A | HP Designjet Z 44-in Spindle |
| J7961G | HP Jetdirect 635n IPv6/IPsec Print Server |
| CN088A | Serif PosterDesigner Pro for HP |

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| Original HP printheads | |
| 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 Gray Printhead |

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| Original HP ink cartridges | |
| 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 |
| C9448A | HP 70 130-ml Matte Black Ink Cartridge |
| C9449A | HP 70 130-ml Photo Black Ink Cartridge |
| C9451A | HP 70 130-ml Light Gray 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 |

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| Original HP large-format printing materials | |
| HP Bright White Inkjet Paper with ColorPRO Technology | C1860A, C1861A, C6035A, C6036A, C6810A, Q1444A, Q1445A, Q1446A |
| HP Universal Bond Paper with ColorPRO Technology | Q1396A, Q1397A, Q1398A, Q8003A, Q8004A, Q8005A |
| HP Recycled Bond Paper | CG889A, CG890A, CG891A |
| HP Heavyweight Coated Paper | C6029C, C6030C, C6569C, C6570C, C6977C, Q1956A, Q1957A |
| HP Universal Coated Paper | Q1404A, Q1405A, Q1406A, Q1408A |
| HP Coated Paper | C6019B, C6020B, C6567B, C6568B, C6980A, Q1414A, Q1442A, Q1443A |
| HP Premium Instant-dry Satin Photo Paper | Q7992A, Q7994A, Q7996A, Q7998A, Q8000A |
| HP Universal Instant-dry Gloss Photo Paper | Q6574A, Q6575A, Q6576A, Q6578A |
| HP Universal Instant-dry Semi-gloss Photo Paper | Q6579A, Q6580A, Q6581A, Q6582A, Q6583A |
| HP Universal High-gloss Photo Paper | Q1426A, Q1427A, Q1428A, Q1429A, Q1430A |
| HP Universal Semi-gloss Photo Paper | Q1420A, Q1421A, Q1422A, Q1423A, Q1424A |
| HP Premium Vivid Color Backlit Film | Q8747A, Q8748A, CG924A, Q8749A, Q8750A |
| HP Adhesive-backed Polypropylene | Q8044A, Q8045A, Q8884A |
| HP Opaque Scrim | Q8675A, Q1898B, Q1899B, Q1901B, Q1902B |
| HP Artist Matte Canvas | Q8704A, Q8705A, Q8706A, Q8707A |

For more HP large-format printing materials and detailed information on sizes and region availability, please visit us online at: www.hp.com/go/lfprinting/materials-supplies

 With the addition of ColorPRO Technology, HP papers provide professional quality and striking results at production speed for high-quality, high-productivity printing of graphics and technical applications.

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| Service and support | |
| UV210E | HP 3 year Next Business Day Onsite Support |
| UV216E | HP 3 year 4 hour response, 9x5 Onsite Support |
| UV219E | HP 3 year 4 hour response, 13x5 Onsite Support |
| UV222PE | HP 1 year, Post Warranty, Next Business Day Onsite Support |
| UV223PE | HP 2 year Post Warranty, Next Business Day Onsite Support |
| UV225PE | HP 1 year Post Warranty, 4 hour response, 9x5 Onsite Support |
| UV226PE | HP 1 year Post Warranty, 4 hour response, 13x5 Onsite Support |
| H4518E | HP Network Installation Service Designjet 400-6100 SVC |

¹ Mechanical printing time. Printed in Fast mode on HP Bright White Inkjet Paper (Bond).

² Mechanical printing time.

³ +/- 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.

⁴ Measured on HP Matte Film.

⁵ ICC absolute colorimetric accuracy on HP Proofing Matte paper.

⁶ With HP premium instant-dry photo Satin media, right after calibration.

⁷ With HP Premium Instant Dry Photo Gloss media.

⁸ HP-GL/2 printing only available via HP Instant Printing Pro, which can be downloaded for free at www.hp.com/go/hpinstantprintingutility

For more information, visit our website at www.hp.com/go/designjetZ5200

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