DESIGNJET Z5200 PostScript® PRINTER

Instant large-format printing

Easy and intuitive

With this printer you save half the steps needed to get a print[1]—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.
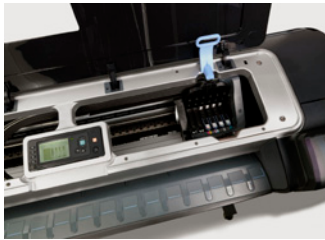
- Speed up the printing process by eliminating some of the time-consuming steps along the way. The HP Designjet Z5200 PostScript® Printer lets you submit many files at a time, directly to the printer, without having to wait to open an application.
- Turn around orders quickly and still deliver the high quality that customers demand. With the HP Designjet Z5200 PostScript® Printer and HP Vivera pigment inks, you can print up to 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.[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**

HP DESIGNJET Z5200 PostScript® PRINTER

TECHNICAL SPECIFICATIONS

Print

Line drawings[1]	42 sec/page on D, 42.1 D prints per hour
Color images[2]	**Fast:** 445 ft²/hr on plain media
	Best: 5.1 min/page on D or up to 58 ft²/hr on glossy media
Print resolution	Up to 2400 x 1200 optimized dpi
Margins	**Roll:** 0.2 x 0.2 x 0.2 x 0.2 in (borderless on glossy/satin roll media)
(top x bottom x left x right)	**Sheet:** 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 (lc, lm, lg, pK), 6 pl (C, M, Y, mK)
Ink cartridge size	300 ml or 130 ml
Line accuracy	+/- 0.2%[3]
Minimum line width	0.0015 in (HP-GL/2 addressable)
Guaranteed minimum line width	0.003 in (ISO/IEC 13660:2001(E))[4]

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]

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/m²
Size	8.5 x 11 to 44 x 66-in sheets; 11 to 44-in rolls
Thickness	Up to 31.5 mil

Processing and memory

	Intel® LE80578 800 MHz, 32 GB (virtual memory capacity), 160 GB hard disk

Connectivity

Interfaces (standard)	Gigabit Ethernet (1000Base-T); Hi-Speed USB 2.0 certified; EIO Jetdirect 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)

Dimensions (w x d x h)

Printer	69.7 x 27.2 x 41.2 in
Shipping	76 x 30.2 x 30.3 in

Weight

Printer	189 lb
Shipping	271 lb

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

Environmental ranges

Operating temperature	41 to 104° F
Storage temperature	-13 to 131° F
Operating humidity	20 to 80% RH

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)

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

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

Product

CQ113A	HP Designjet Z5200 44-in PostScript® Printer

Accessories

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

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

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

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, Q1441A, 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, Q8924A, 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.

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 73° F, 50-60% relative humidity, on E-sized 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