

HP Designjet Z5200 Photo 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 print¹: 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 photo 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 photo 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 colour and black-and-white prints that last up to 200 years² with 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

Maximum Print speed	41 m ² /hr; Maximum rate of output for colour image 100% colour coverage (Bandes file). Printed in Fast mode, on HP Bright White Inkjet Paper (Bond), maximum roll size, with HP Vivid Photo Inks.
Colour images	19 m ² /hr on coated media; 7.7 m 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 (borderless on photo roll media) Sheet: 5 mm (top), 5 mm (right), 5 mm (left), 17 mm (bottom)
Technology	HP Thermal Inkjet
Ink types	Pigment-based
Ink colours	8 (cyan, magenta, yellow, light cyan, light grey, light magenta, matte black, photo black)
Ink drop	4 pl (l, lm, lg, pK), 6 pl (C, M, Y, mK)
Print head nozzles	2112 per printhead (2 colours per printhead, 1056 nozzles per colour)
Print Heads	4 (magenta and yellow, matte black and cyan, photo black and light grey, light magenta and light cyan)
Line accuracy	+/- 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 (HP-GL/2 addressable)
Guaranteed minimum line width	0.08 mm (ISO/IEC 13660:2001(E))
Maximum print length	91 m (application dependent)
Maximum optical density	2.5 maximum black optical density (4 L* min) (with HP Premium Instant Dry Photo Gloss media with Original HP inks)

Media

Handling	Sheet feed; roll feed; media bin; 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	210 x 279 to 1118 x 1676 mm
Thickness	Up to 0.8 mm

Memory

RAM	32 GB (virtual)
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

Environmental ranges

Operating temperature	5 to 40°C
Storage temperature	-25 to 55°C
Operating humidity	20 to 80% RH
Storage humidity	0 to 95% RH

Acoustic

Sound Pressure	49 dB(A)
Sound Power	6.5 B(A)

Dimensions (w x d x h)

Printer	1770 x 690 x 1047 mm
Packaged	1930 x 766 x 769 mm

Weight

Printer	86 kg
Packaged	123 kg

Power consumption

Maximum	170 watts maximum (active), < 31 watts (ready), < 12 watts / < 30 watts with embedded Digital Front End (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

What's in the box

CQ113A	Printer; printheads; introductory ink cartridges; 1118 cm, (44 in) stand; 1118 cm, (44 in) spindle; Original HP sample media roll; quick reference guide; setup poster; start-up software; power cord
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Certification

Safety	EU (LVD and EN 60950-1 compliant); Russia (GOST)
Electromagnetic	Compliant with Class A requirements EU (EMC Directive)
Environmental	WEEE; EU RoHS; REACH; FEMP

Warranty

One-year limited warranty. Warranty and support options vary by product, country and local legal requirements.

Ordering information

Product

CQ113A	HP Designjet Z5200 1118mm PostScript Printer
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Accessories

Q6699A	HP Designjet Zx100 44-in Spindle for Graphics
J8025A	HP Jetdirect 640n Print Server

Printheads

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

Ink supplies

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 Gray 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 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

Media supplies

C2T50A	HP Universal Matte Canvas-610 mm x 15.2 m (24 in x 50 ft)
B5E92A	HP Artist Matte Canvas-610 mm x 15.2 m (24 in x 50 ft)
Q8747A	HP Premium Vivid Color Backlit Film-914 mm x 30.5 m (36 in x 100 ft)
Q7994A	HP Premium Instant-dry Satin Photo Paper-914 mm x 30.5 m (36 in x 100 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

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/designjet/support.

Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. For more information, visit hp.com/go/OriginalHPInks.



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

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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Contact us
United Kingdom 0800.408.0784
Ireland 1.800.94.4757
Middle East 800.035703174
South Africa 0800.999.693

