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.

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[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

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 (lc, lm, lg, pK), 6 pl (C, M, Y, mK)
Print cartridge volume delivered	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)
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)
Print speed	41 m²/hr
Line accuracy	+/- 0.2%
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	500 g/m²
Size	210 x 279 to 1118 x 1676 mm
Thickness	Up to 0.8 mm

Memory

Standard	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

Operating systems compatibility

	Windows® 7 Home Premium/Professional/Ultimate; Windows Vista® Home Premium/Business/Ultimate; Microsoft® Windows® XP (32-bit, 64-bit) Home/Professional, Server 2003 (32-bit, 64-bit), Server 2008 (32-bit, 64-bit); Novell® NetWare 5.x, 6.x; Mac OS X v10.4, v10.5, v10.6; Citrix® XenApp; Citrix® XenServer

Recommended system requirements

Mac	Mac OS X v10.4, v10.5: PowerPC G3 or Intel® Core processor; 256 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® Home Premium/Business/Ultimate: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 1 GB RAM, 2 GB available hard disk space; Microsoft® Windows® XP Home/Professional (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 40ºC
Recommended operating temperature	15 to 35º C
Storage temperature	-25 to 55ºC
Operating humidity	20 to 80% RH
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)

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

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

Certification

Safety	EU (LVD and EN 60950-1 compliant); Russia (GOST)
Electromagnetic	Compliant with Class A requirements EU (EMC Directive)
Environmental	ENERGY STAR®; WEEE; EU RoHS; REACH; 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 44-in PostScript Printer

Accessories

Q6699A	HP Designjet Zx100 44-in Spindle for Graphics

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 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

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)
Q1428A	HP Universal Gloss Photo Paper-1067 mm x 30.5 m (42 in x 100 ft)
Q1422A	HP Universal Satin 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 Color 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

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For more information, please visit http://www.hp.com/go/designjetZ5200

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