

HP DesignJet Z5200 Photo Printer



Professional 8-ink PostScript printer designed for outstanding graphic applications



Fast printing with an intelligent workflow

- Print quickly with speeds up to 41 m²/hr (445 ft²/hr).
- Radically simplify and speed up your entire printing workflow with HP Instant Printing Pro.
- Preview, crop, and print PDF, PostScript, HP-GL/2, TIFF, JPEG and DWF files without opening applications.
- Shorten turnaround times with a 160 GB hard drive, borderless printing¹, and fast-drying HP Photo Inks.

High-impact, long-lasting color prints

- Impress your customers with high-impact color and black-and-white applications.
- Get rich, dark blacks on matte and glossy papers with matte black and photo black HP Photo Inks.
- Expand your offerings—HP Photo Inks produce water-resistant prints that last up to 200 years².
- Get color reliability with HP Professional PANTONE® color emulation and Adobe Postscript®/PDF support.

Easy, unattended, and reliable operation

- Avoid wasting time and money on trial and error with automatic color calibration thanks to the embedded spectrophotometer³.
- Optimize performance, ink usage—automatic servicing routines help prevent nozzle clogging, reduce media waste.
- Save time with HP Printer Utility software—printer status communications, desktop alerts, automatic updates.
- Enable unattended printing—300-ml Original HP ink cartridges help reduce interventions.

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

¹ Photo paper is required to print borderless images.

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. For more information, see <http://www.HPLFMedia.com/hp/printpermanence>.

³ Embedded in this HP DesignJet Printer is an i1 spectrophotometer from X-Rite. Close collaboration between HP and X-Rite ensures a reliable solution that's been thoroughly tested to meet customer demands for ease, quality, and dependability.

Technical specifications

Print	
Maximum print speed	41 m ² /hr ¹
Print resolution	Up to 2400 x 1200 optimized dpi
Margins	Roll: 5 x 5 x 5 mm (borderless on photo roll media) Sheet: 5 x 17 x 5 x 5 mm
Technology	HP Thermal Inkjet
Image quality	
Colour accuracy	Median < 1.6 dE2000, 95% of colours < 2.8 dE2000 ²
Short term colour stability	< 1 dE2000 in less than 5 minutes ³
Long term print-to-print repeatability	Average < 0.5 dE2000, 95% of colors < 1.4 dE2000 ³
Media	
Maximum media roll weight	Up to 500 g/m ²
Handling	Sheet feed; roll feed; media bin; automatic cutter (cuts all media except canvas)
Weight	Up to 500 g/m ²
Size	210 to 1118-mm wide sheets; 279 to 1118-mm rolls
Thickness	Up to 0.8 mm
Applications	Banners; Exhibition, event graphics; Graphics design; Indoor posters; Line drawings; Maps; Photos; Point of sale/display; Posters; Presentations; Renderings; Technical presentations
Memory	32 GB (virtual) ⁴ ; Standard, 160 GB hard disk
Connectivity	
Interfaces (standard)	Gigabit Ethernet (1000Base-T); Hi-Speed USB 2.0; EIO Jetdirect accessory slot
Print languages (standard)	Adobe PostScript® 3, Adobe® PDF, TIFF, JPEG, CALS G4, HP PCL 3 GUI, HP-GL/2
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
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	HP DesignJet Z5200 Printer; printheads; introductory ink cartridges; printer stand and media bin; spindle; quick reference guide; setup poster; start-up software; power cord
Software available	Printer drivers, HP DesignJet Click, HP Printer Utility including HP Color Center, HP DesignJet Excel Accounting Report
Environmental ranges	
Operating temperature	5 to 40°C
Storage temperature	-25 to 55°C
Operating humidity	20 to 80% RH
Acoustics	
Sound pressure	49 dB(A) (active); 29 dB(A) (standby)
Sound power	6.5 B(A) (active); 4.4 B(A) (standby)
Power	
Consumption	170 watts maximum (active), < 31 watts (ready), < 12 watts / < 30 watts with embedded Digital Front End (sleep), 0.1 watts (manual-off)
Requirements	Input voltage (auto ranging) 100-240 V (±10%), 50/60 Hz (±3 Hz), 2 A maximum
Certification	
Safety	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); Korea (KATS)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI), Korea (KCC)
Environmental	ENERGY STAR; WEEE; EU RoHS; China RoHS; REACH; FEMP
Warranty	One-year limited hardware warranty

Ordering information

Product	
CQ113A	HP DesignJet Z5200 1118-mm PostScript Printer
Accessories	
Q6699A	HP DesignJet Zx100 44-in Spindle for Graphics
J8025A	HP Jetdirect 640n Print Server
G6H51B	HP HD Pro 42-in Scanner
Original HP printheads	
C9404A	HP 70 Matte Black and Cyan DesignJet Printhead
C9405A	HP 70 Light Magenta and Light Cyan DesignJet Printhead
C9406A	HP 70 Magenta and Yellow DesignJet Printhead
C9407A	HP 70 Photo Black and Light Gray DesignJet 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 DesignJet Ink Cartridge
C9449A	HP 70 130-ml Photo Black DesignJet Ink Cartridge
C9451A	HP 70 130-ml Light Gray DesignJet Ink Cartridge
C9452A	HP 70 130-ml Cyan DesignJet Ink Cartridge
C9453A	HP 70 130-ml Magenta DesignJet Ink Cartridge
C9454A	HP 70 130-ml Yellow DesignJet Ink Cartridge
C9455A	HP 70 130-ml Light Magenta DesignJet Ink Cartridge
C9390A	HP 70 130-ml Light Cyan DesignJet Ink Cartridge
Original HP large format printing materials	
Service and Support	
UV210E	HP 3 year Next Business Day Onsite Support
UV213E	HP 3 year Next Business Day Onsite Support with Defective Media Retention
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
UV224PE	HP 1 year Post Warranty Next Business Day Onsite Support with Defective Media Retention
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

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/designjetsupport.

Use Original HP inks and printheads to experience consistent high quality and reliable performance that enable less downtime. These critical components are designed and engineered together as an optimized printing system to provide precise line accuracy as well as dark blacks and true neutral grays. For more information, visit hp.com/go/OriginalHPInks.

For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.

Eco Highlights

Breakthrough color consistency can help reduce unnecessary reprints

Free, convenient HP ink cartridge and printhead recycling¹

FSC®-certified papers, range of recyclable HP media with a take-back program¹

¹ Program availability varies. Please check <http://www.hp.com/recycle> for details.

Please recycle large-format printing hardware and printing supplies. Find out how at our website hp.com/ecosolutions

¹ Mechanical printing time

² ICC absolute colorimetric accuracy on HP Proofing Matte paper with Original HP inks

³ With HP Premium Instant-dry Gloss Photo Paper and Original HP inks, right after calibration

⁴ Based on 256 MB RAM

