HP Designjet Z2100 Photo Printer series

HP's affordable 8-ink printer to produce durable prints

High-impact, long-lasting colour prints

- Produce vivid, high-quality colour and black-and-white prints that impress your customers

- Get rich, dark blacks on matte and glossy papers with matte black and photo black HP Photo Inks

- 8 Original HP Photo Inks deliver durable prints in colour and black-and-white lasting up to 200 years[1]

- Save time with borderless printing[2] and fast-drying HP Photo Inks

Easy colour calibration and profiling

- Generate custom ICC profiles and achieve colour accuracy, consistency with the embedded spectrophotometer[3]

- See consistent print-to-print colour regardless of fluctuating environmental conditions with HP technologies

- Boost colour accuracy—complete coverage of SWOP, ISO, GRACOL, 3DAP, EUROSCALE, TOYO, and FOGRA gamut

- Supported by industry leaders, including EFI, X-Rite, GMG, ColourByte, Adobe, Creo, and Apple

Unattended operation with HP technologies

- Optimise performance, ink usage—automatic servicing routines help prevent nozzle clogging, reduce media waste

- Save time—HP Printer Utility software provides printer status, desktop alerts, and automatic updates

- Get assistance—HP Colour Center tool effortlessly guides you through colour management and printing

- Eliminate trial and error with real-time layout and orientation preview

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[1] 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. For more information, see hp.com/go/supplies/printpermanence.

[2] Photo paper is required to print borderless images.

[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	Colour images[4]	Fast: 2 min/page on A1/D or up to 13.9 m²/hr (150 ft²/hr) on coated media Best: 15 min/page on A1/D or up to 1.6 m²/hr (17 ft²/hr) on glossy media
	Print resolution	Up to 2400 x 1200 optimised 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 photo 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
Image quality	Colour accuracy	Median < 1.6 dE2000, 95% of colours < 2.8 dE2000[5]
	Short-term colour stability	< 1 dE2000 in less than 5 minutes[6]
	Long term print-to-print repeatability	Average < 0.5 dE2000, 95% of colours < 1.4 dE2000[6]
	Maximum optical density	4 L* min/2.5 D[7]
Media	Handling	Sheet feed, roll feed, media bin[8], automatic cutter (cuts all media except canvas)
	Weight	Up to 500 g/m² (133 lb)
	Size	24-in models: 216 x 279 to 610 x 1676-mm (8.5 x 11 to 24 x 66-in) sheets; 279 to 610-mm (11 to 24-in) rolls 44-in models: 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)
Applications		Ortphotos, Layouts and comps, Mockups, Photos, Digital fine art, Proofs
Memory		128 MB standard memory, 80 GB hard disk
Connectivity	Interfaces (standard)	Fast Ethernet (100Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot
	Print languages	HP PCL 3 GUI
Dimensions (w x d x h)	Printer with stand[8]	24-in: 1262 x 690 x 1047 mm (49.7 x 27.2 x 41.2 in) 44-in: 1770 x 690 x 1047 mm (69.7 x 27.2 x 41.2 in)
	Shipping	24-in: 1470 x 780 x 740 mm (57.8 x 30.7 x 29.1 in) (NA, LAR, EMEA)1660 x 770 x 590 mm (65.3 x 30.3 x 23.2 in) (AP) 44-in: 1965 x 780 x 780 mm (77.3 x 30.7 x 30.7 in)
Weight	Printer with stand[8]	24-in: 65 kg (143 lb) 44-in: 86 kg (189 lb)
	Shipping	24-in: 102 kg (225 lb) (NA, LAR, EMEA); 88.5 kg (195) (AP) 44-in: 123 kg (271 lb)
What's in the box		HP Designjet Z2100 Photo Printer, spindle, printheads, introductory ink cartridges, Original HP media roll, printer stand and media bin[8], rear tray, 3-in core adapter, quick reference guide, setup poster, USB cable, power cord, HP Start-up kit including printer software and training
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
Acoustic	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 (printing), < 31 watts (ready), < 12 watts (< 30 watts with embedded Digital Front End) (sleep), 0.1 watts (off)
		Requirements: Input voltage (auto ranging): 100 to 240 VAC (+/- 10%), 50/60Hz (+/- 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	Q6675D	HP Designjet Z2100 24-in Photo Printer
	Q6677D	HP Designjet Z2100 44-in Photo Printer
Accessories	Q6663A	HP Designjet T/Z 24-in Stand (AP only)
	Q6700A	HP Designjet Z/T1xxx/T6xx 24-in Spindle
	Q6699A	HP Designjet Z 44-in Spindle
	CQ654C	HP Designjet HD Scanner
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 and maintenance supplies	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
	C9452A	HP 70 130-ml Cyan 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
	C9390A	HP 70 130-ml Light Cyan Ink Cartridge
Original HP large format printing materials	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 Colour Backlit Film [9] 914 mm x 30.5 m (36 in x 100 ft)
	Q7994A	HP Premium Instant-dry Satin Photo Paper (FSC® certified)[10] [11] 914 mm x 30.5 m (36 in x 100 ft)
Service and Support	UF028PE	HP 1 year Post Warranty Next-Business-Day Onsite Service
	UF017E	HP 3 year Next Business Day Onsite Support
	UF018E	HP 4 year Next Business Day Onsite Support
	UF019E	HP 5 year Next Business Day Onsite Support
	H7604E	HP Installation Service
	H4518E	HP Installation with network configuration Service
	UK503E	HP 3 year Next Business Day Onsite Support with Defective Media Retention
	UK504PE	HP 1 year Post Warranty Next Business Day Onsite Support with Defective Media Retention

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 HP Photo Inks and printheads to experience consistent high-quality and reliable performance that enable less downtime and increased productivity. These critical printing system components are designed and engineered together to provide optimised efficiency, a wide colour gamut, and prints with over 200 years fade resistance[12]. For more information, visit hp.com/go/OriginalHPinks.

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

[4] Mechanical printing time with Original HP inks. Measured on a 44-in model.
[5] ICC absolute colourimetric accuracy on HP Proofing Matte paper with Original HP inks.
[6] With HP Premium Instant Dry Photo Satin media and Original HP inks, right after calibration.
[7] With HP Premium Instant Dry Photo Gloss media and Original HP inks.
[8] Not included in the box in Asia Pacific for 24-in models.
[9] HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See hp.com/recycle for details.
[10] FSC® trademark license code FSC®-C017543, see fsc.org. Not all FSC® - certified product is available in all regions.
[11] Papers can be recycled according to region-specific practices. In North America and Asia (including Japan), recyclable in consumer collection systems that can accept mixed paper (may not be recyclable in your area); in Europe recyclable in consumer collection systems that accept liquid packaging.
[12] 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 with Original HP inks. See hp.com/go/supplies/printpermanence.

For more information, please visit
hp.com/go/DesignjetZ2100

This is an HP Indigo digital print.