



HP Designjet Z5400 PostScript® ePrinter

The first multi-roll ePrinter for graphics to produce high-quality, long-lasting prints efficiently



Fast delivery with two rolls and a smart workflow

- Be ready—meet urgent requests using the first ePrinter for graphics with multi-roll and smart media switching.
- Increase uptime with fewer roll changes and useful notifications for ink levels, firmware updates, and more.
- Preview, crop, and print PDF, PostScript®, HP-GL/2, TIFF, and JPEG files fast, using HP Instant Printing PRO.
- Shorten your turnaround times with a 320 GB hard drive, borderless printing¹, and fast-drying HP Photo Inks.

Quality and durability to impress your customers

- Create in-house posters, photos, canvases, backlit prints, indoor signs, POS posters, line drawings, and maps.
- Impress customers with top quality black-and-white images, using three shades of black HP Photo Inks.
- Achieve smooth color tones thanks to HP Multi-Dimensional Smart Drop Placement Technology.
- Expand your offerings with water-resistant prints that last up to 200 years, using HP Photo Inks².

Easy, efficient operation backed by HP reliability

- Simplify your operation with USB flash drive and e-mail printing, a color touchscreen, and print preview.
- Ensure color reliability with HP Professional PANTONE® color emulation and embedded Adobe® PostScript®/PDF³.
- Automatic drop detection and intelligent masking helps ensure image quality and reduces cleaning and waste.
- Use ink more efficiently thanks to an optimized ink configuration⁴.

Eco Highlights

- Reduce waste—load two media widths; use best size for the job
- Help reduce unnecessary reprints with true previews before printing and with reliable colors
- Free, convenient HP ink cartridge and printhead recycling¹
- Works with FSC®- and PEFC™-certified HP papers; recyclable HP media with take-back program²

¹ Program availability varies. Please check hp.com/recycle for details.

² FSC® trademark license code FSC®-C017543, see fsc.org. PEFC™ trademark license code PEFC™/29-31-198, see pefc.org. Not all FSC®- and PEFC™-certified products are available in all regions. HP Large Format Media take-back program availability varies. Please check hp.com/recycle for details.

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

¹ Photo paper is required to print borderless images.

² With Original HP 772 or HP 70 Photo Inks. Display permanence rating for interior displays/away from direct sunlight, under glass by HP Image Permanence Lab on a range of HP media. Water resistance testing by HP Image Permanence Lab on a range of HP media and follows ISO 18935 method. For details, see hp.com/go/supplies/printpermanence.

³ Pending PANTONE-licensed.

⁴ Compared with the HP Designjet Z5200 Photo Printer.



1. With Aurasma installed, please go to the HP Designjet channel at <http://auras.ma/s/ke25m>
2. Without Aurasma installed, please download it:
 - a. Google Play - <http://auras.ma/s/android>
 - b. Apple Store - <http://auras.ma/s/ios>Once done, go to the HP Designjet channel at <http://auras.ma/s/ke25m>
3. Open the application and point to the image to view the HP Designjet video

Technical specifications

| | | |
|-------------------------------|---|---|
| Print | Print resolution | Up to 2400 x 1200 optimized dpi |
| | Margins | 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) |
| | Ink types | Pigment-based |
| | Line accuracy | +/- 0.1% ⁵ |
| | Minimum line width | 0.04 mm (0.0015 in) (HP-GL/2 addressable) |
| | Guaranteed minimum line width | 0.08 mm (0.0031 in) (ISO/IEC 13660:2001(E)) ⁶ |
| Image quality | Short term color stability | < 1 dE2000 in less than 5 minutes ⁷ |
| | Long term print-to-print repeatability | Average < 0.5 dE2000, 95% of colors < 1.4 dE2000 ⁷ |
| | Maximum optical density | 4 L* min/2.5 D ⁸ |
| Media | Handling | Two automatic roll feeds; smart roll-switching; sheet feed; media output bin; automatic cutter ⁹ |
| | Size | 210 x 279 to 1118 x 1676-mm (8.3 x 11 to 44 x 66-in) sheets; 279 to 1118-mm (11 to 44-in) rolls |
| | Thickness | Up to 0.5 mm (19.7 mil) |
| Applications | Line drawings, Renderings, Maps, Orthophotos, Graphics design, Office Graphics, Posters, Photos, Digital fine art, Banners, Exhibition, event graphics, Light boxes - film, Point of sale/display | |
| Memory | 64 GB (virtual) ¹⁰ , 320 GB hard disk | |
| Connectivity | Interfaces (standard) | Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot |
| | Print languages (standard) | Adobe PostScript 3, Adobe PDF 1.7, TIFF, JPEG, CALS G4, HP PCL 3 GUI, HP-GL/2 and HP-RTL ¹¹ |
| | Printing paths | Printer driver, HP Embedded Web Server, HP Instant Printing PRO, USB, email printing |
| | Drivers (included) | PostScript Windows and Mac drivers |
| Dimensions (w x d x h) | Printer | 1770 x 721 x 1050 mm (69.7 x 28.4 x 41.3 in) |
| | Shipping | 1930 x 770 x 710 mm (76 x 30.3 x 28 in) |
| Weight | Printer | 86 kg (189 lb) |
| | Shipping | 115 kg (253.5 lb) |
| What's in the box | HP Designjet Z5400 PostScript® ePrinter, printheads, introductory ink cartridges, printer stand and media bin, spindle, quick reference guide, setup poster, start-up software, power cord | |
| Software included | Printer driver, HP Instant Printing PRO for Windows, HP Printer Utility including HP Color Center, HP Designjet Excel Accounting Tool | |
| Environmental ranges | Operating temp. | 5 to 40°C (41 to 104°F) |
| | Storage temp. | -25 to 55°C (-13 to 131°F) |
| | Operating humidity | 20 to 80% RH (non-condensing) |
| Acoustic | Sound pressure | 45 dB(A) (active); 23 dB(A) (standby) |
| | Sound power | 6.7 B(A) (active); 4.1 B(A) (standby) |
| Power | Consumption | < 120 watts (printing); < 27 watts (ready); < 5 watts (< 22 watts with embedded Digital Front End) (sleep); 0.1 watts (off) |
| | 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/Kazakhstan (EAC); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYPE) |
| | 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 | ENERGY STAR; WEEE; EU RoHS; China RoHS; REACH |
| Warranty | One-year limited hardware warranty | |

Ordering information

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| Product | E1L21A | HP Designjet Z5400 44-in PostScript ePrinter |
| Accessories | CN538A | HP Designjet 3-in Core Adapter |
| | Q6709A | HP Designjet 44-inch Roll Feed Spindle |
| | J8025A | HP Jetdirect 640n Print Server |
| Original HP printheads | C9404A | HP 70 Matte Black and 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 |
| | 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 |
| | C9452A | HP 70 130-ml Cyan Ink Cartridge |
| | C9453A | HP 70 130-ml Magenta Ink Cartridge |
| C9454A | HP 70 130-ml Yellow Ink Cartridge | |
| Original HP large format printing materials | C6810A | HP Bright White Inkjet Paper (FSC® certified) ¹² ♻️ ¹³ 914 mm x 91.4 m (36 in x 300 ft) |
| | Q7996A | HP Premium Instant-dry Satin Photo Paper (FSC® certified) ¹² ♻️ ¹³ 1067 mm x 30.5 m (42 in x 100 ft) |
| | COF29A | HP Everyday Adhesive Gloss Polypropylene, 2 Pack 1067 mm x 22.9 m (42 in x 75 ft) |
| | C6030C | HP Heavyweight Coated Paper (PEFC™ certified) ¹² ♻️ ¹³ 914 mm x 30.5 m (36 in x 100 ft) |
| | C2T54A | HP Premium Matte Polypropylene, 2 Pack ♻️ ¹³ 1067 mm x 22.9 m (42 in x 75 ft) |
| | CH025A | HP Everyday Matte Polypropylene, 2 Pack ♻️ ¹³ 1067 mm x 30.5 m (42 in x 100 ft) |
| Service and support | UOLZ3E | HP 3 year Next Business Day Onsite support ¹⁴ |
| | UOLZ6E | HP 3 year Next Business Day Onsite support with Defective Media Retention ¹⁵ |
| | UOLZ8E | HP 3 year 4-hour response, 9x5 Onsite support ¹⁴ |
| | UOMA2PE | HP 1 year Post Warranty Next Business Day Onsite support ¹⁴ |
| | UOMA3PE | HP 1 year Post Warranty Next Business Day Onsite support with Defective Media Retention ¹⁵ |
| | UOMA4PE | HP 1 year Post Warranty 4-hour response, 9x5 Onsite Support ¹⁴ |

- ⁵ +/- 0.1% of the specified vector length or +/- 0.2 mm (whichever greater) at 23°C (73°F), 50-60% relative humidity, on A0/E HP Matte Film in Best or Normal mode with HP Photo Inks.
- ⁶ Measured on HP Matte Film.
- ⁷ With HP Premium Instant Dry Photo Satin media with HP Photo Inks, right after calibration.
- ⁸ With HP Premium Instant Dry Photo Gloss media with HP Photo Inks.
- ⁹ Cuts all media except canvas and banners.
- ¹⁰ Based on 640 MB RAM.
- ¹¹ Only available via HP Instant Printing PRO or the HP Embedded Web Server.
- ¹² FSC® trademark license code FSC®-C017543, see fsc.org. PEFC™ trademark license code PEFC™/29-31-198, see pefc.org. Not all FSC®- or PEFC™-certified products are available in all regions.
- ¹³ HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See hp.com/recycle for details.
- ¹⁴ Not available in North America and Latin America.
- ¹⁵ Not available in Europe, Middle East, and Africa.

For more information, please visit
hp.com/go/DesignjetZ5400



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