HP DesignJet Z6810 Photo Production Printer

The fastest high-quality production printing solution

1 Compared with large-format photo inks inkjet printers under $25,000 USD for graphics applications. Based on the fastest-rated color speeds as published by manufacturers as of June, 2017. Test methods vary.


3 Embedded in the HP DesignJet Z6810 Production Printer series 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.

4 HP Professional PANTONE® color emulation and Adobe PostScript®/PDF upgrade kit sold separately.

5 Using glossy paper and Normal mode, HP DesignJet Z6810 Production Printers can achieve print speeds up to 212 ft²/hr on glossy and 548 ft²/hr on plain paper.

6 Requires an HP Applications Center account, Internet connection, and connected Internet-capable device. For more information, see hpapplicationscenter.com.

7 Once image is selected, one-click printing when printing the entire file without any modifications to the print settings. Applicable to PDF, JPEG, TIFF, and HP-GL/2 files.

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**IMPRESSIVE—Meet high-quality expectations**

• Help your customers stand out from impactful photos to detailed maps/line drawings, with optimized printheads.

• Avoid rework with consistent, accurate color across prints and printers, with embedded spectrophotometer.

• Meet your customers’ expectations for precise colors with HP Professional PANTONE® color emulation.

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**PRODUCTIVE—Increase your production volumes**

• Accommodate production peaks with print speeds up to 212 ft²/hr on glossy and 548 ft²/hr on plain paper.

• Handle more jobs with 500 GB hard disk capacity.

• Work without interruption with long media rolls, 775-ml HP ink cartridges, and a built-in take-up reel.

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**RELIABLE—No need to change the way you work**

• Seamlessly integrate with the market-leading RIPs, enabled by HP’s RIP certification program.

• Turn operator efficiency into operating profit with HP SmartStream job preparation and processing software.

• Easily create content and submit jobs using the HP Applications Center.

• Enjoy one-click printing that also helps reduce media waste using HP Click printing software.

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For more information, please visit hp.com/go/DesignJetZ6810

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. More at: hp.com/go/learnaboutsupplies
Data sheet | HP DesignJet Z6810 Photo Production Printer

**Technical specifications**

**Print**

- Maximum print speed: 140 metric/min (1560 ft/min) on plain media
- Color images: 4 mm/line on coated media
- Best: 3.2 mm/page on A1/D or up to 118 ft/min (111 m/min) on glossy media

**Technology**

- HP Thermal Inkjet
- Ink cartridges: 6 (cyan, magenta, yellow, matte black, photo black, chromatic red, light gray, light magenta)
- Printheads: All (cyan, magenta, yellow, matte black, photo black, chromatic red, light gray, light magenta)

**Image quality**

- Color accuracy: Medium ± 2.5 x 2000
- Short term color-stability: < 1.25D90 less than 5 months
- Long term print-to-print repeatability: Average ± 0.5 x 2000, 99% of colors ± 1.25 x 2000
- Maximum density: 4.5 mln/2.12 D90

**Dimensions**

- Roll size: 42-in: 280 to 610 mm; 60-in: 280 to 1524 mm
- Weight: Up to 480 kg
- Width: Up to 2.3 m (6 x 8 ft)

**Applications**

- Exhibition and event graphics
- Graphic design, interior posters, layouts and composites
- Light boxes - paper, Line drawings, Maps: Office Graphics, Orthophots
- Photo maps: Print of sale/display, POP/POS, Posters, Presentations
- Technical presentations

**Memory**

- 64 GB Internal / 500 GB hard disk

**Connectivity**

- Interfaces: Gigabit Ethernet (1000Base-T), EIO, eSATA, USB 2.0, USB 3.0
- Print languages: HP-GL/2, HP-RTL, CALS

**Printer drivers**

- Included: HP SmartStream Preflight Manager
- Optional: HP DesignJet Printer Utility, HP DesignJet Utility

**Certification**

- USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Korea (KC)
- ENERGY STAR® qualified. Registered EPEAT Silver preferable product
- Program availability varies. Please check hp.com/recycle for details.

**Service and support**

- 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 Video Print links 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 optimized efficiency, a wide color gamut, and prints with over 200 years fade resistance.

- HP Universal Instant-dry Satin Photo Paper
- HP 3 year Next Business Day plus Defective Media Retention Support

**Eco Highlights**

- Breakthrough color consistency can help reduce unnecessary reprints
- Free, convenient HP ink cartridge and printhead recycling
- FSC®-certified papers, range of recyclable HP media with a take-back program
- ENERGY STAR® qualified. Registered EPEAT Bronze for environmentally preferable product

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

Please recycle large-format printing hardware and printing supplies.

Find out how at our website hp.com/ecosolutions

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