

## Technical specifications

|                               |  |
|-------------------------------|--|
| Print                         |  |
| Print speed                   | 42-in: Up to 113.6 m <sup>2</sup> /hr <sup>1</sup> (Up to 1225 ft <sup>2</sup> /hr <sup>1</sup> ) on plain media; 60-in: Up to 140 m <sup>2</sup> /hr <sup>1</sup> (Up to 1500 ft <sup>2</sup> /hr <sup>1</sup> ) on plain media<br>Normal: 1.5 min/page <sup>2</sup> on A1/D or up to 21.9 m <sup>2</sup> /hr <sup>1</sup> (236 ft <sup>2</sup> /hr <sup>1</sup> ) on coated media<br>Best: 3.2 min/page <sup>2</sup> on A1/D or up to 13.1 m <sup>2</sup> /hr <sup>1</sup> (141 ft <sup>2</sup> /hr <sup>1</sup> ) on glossy media |
| Print resolution              | Up to 2400 x 1200 optimised dpi  |
| Technology                    | HP Thermal Inkjet  |
| Margins                       | Roll: 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)  |
| Ink types                     | Pigment-based  |
| Ink cartridges                | 8 (cyan, magenta, yellow, matte black, photo black, chromatic red, light grey, light magenta)  |
| Line accuracy                 | ±0.1%  |
| Minimum line width            | 0.02 mm (HP-GL/2 addressable)  |
| Guaranteed minimum line width | 0.067 mm (ISO/IEC 13660:2001 (E))  |
| Media                         |  |
| Handling                      | Roll feed, automatic horizontal cutter, media bin take-up reel <sup>4</sup>  |
| Roll size                     | 42-in: 280 to 1067 mm; 60-in: 280 to 1524 mm; (42-in: 11 to 42 in; 60-in: 11 to 60 in)   |
| Grammage                      | 80 to 500 g/m <sup>2</sup>   |
| Memory                        | 64 GB (virtual) <sup>5</sup> ; 500 GB hard disk  |
| Connectivity                  |  |
| Interfaces                    | Gigabit Ethernet (1000Base-T); EIO Jetdirect accessory slot  |
| Print languages (standard)    | HP-GL/2, HP-RTL, CALS G4   |
| Print languages (optional)    | Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG  |
| Drivers                       | Raster drivers for Windows and macOS; PostScript drivers for Windows and macOS with optional PostScript/PDF Upgrade Kit  |
| Dimensions (w x d x h)        |  |
| Printer                       | 42-in: 1970 x 690 x 1370 mm (77.5 x 27.2 x 53.9 in); 60-in: 2430 x 690 x 1370 mm (95.7 x 27.2 x 53.9 in)   |
| Shipping                      | 42-in: 2280 x 735 x 1200 mm (89.8 x 28.9 x 47.2 in); 60-in: 2684 x 750 x 1200 mm (105.6 x 29.5 x 47.2 in)  |
| Weight                        |  |
| Printer                       | 42-in: 123 kg (271 lb); 60-in: 190 kg (419 lb)   |
| Shipping                      | 42-in: 177 kg (390.2 lb); 60-in: 222 kg (489.4 lb)   |
| What's in the box             | HP DesignJet Z6810 Production Printer; Spindle; Printheads; Introductory ink cartridges; Maintenance cartridge; Printer stand; Media bin Take-up reel <sup>4</sup> ; 3-in spindle adapter kit; Quick reference guide; Setup poster; Startup software; Power cord   |
| Software available            | Free: HP Applications Center, HP Click, printer drivers, HP DesignJet Utility including HP Color Center, HP Partner Link Pay-per-use, HP Web JetAdmin; Pay: HP SmartStream   |
| Environmental ranges          |  |
| Operating temperature         | 5 to 40°C (41 to 104°F)  |
| Operating humidity            | 20 to 80% RH   |
| Acoustics                     |  |
| Sound pressure                | 53 dB(A) (operating); 39 dB(A) (idle); 39 dB(A) (sleep)  |
| Sound power                   | 7.0 B(A) (operating); 5.5 B(A) (idle); 5.5 B(A) (sleep)  |
| Power                         |  |
| Consumption                   | 270 W (printing); < 48 W (ready); < 5.3 W (sleep); < 0.3 W (off)   |
| Requirements                  | Input voltage (auto ranging): 100-127 V (±10%), 5 A; 220-240 V (±10%), 3 A; 50/60 Hz (±3 Hz)   |
| Certification                 |  |
| Safety                        | EU (LVD and EN 60950-1 compliant); Russia (GOST)   |
| Electromagnetic               | Compliant with Class A requirements, including: EU (EMC Directive)   |
| Environmental                 | ENERGY STAR; WEEE; RoHS (EU); REACH; EPEAT Bronze  |
| Warranty                      | One-year limited hardware warranty   |

## Ordering information

|                               |  |
|-------------------------------|--|
| Product                       |  |
| 2QU12A                        | HP DesignJet Z6810 42-in Production Printer                                |
| 2QU14A                        | HP DesignJet Z6810 60-in Production Printer                                |
| Accessories                   |  |
| CQ754A                        | HP DesignJet Z6200 60-in Spindle   |
| Q6714A                        | HP DesignJet 60-in Media Bin   |
| Q6715A                        | HP DesignJet User Maintenance Kit  |
| G6H51B                        | HP HD Pro 42-in Scanner  |
| J8025A                        | HP Jetdirect 640n Print Server   |
| CQ745B                        | HP DesignJet PostScript/PDF Upgrade Kit                                    |
| L3J69AAE                      | HP SmartStream Preflight Manager   |
| L3J79AAE                      | HP SmartStream Print Controller for HP DesignJet Z6xx0 Production Printers |
| Original HP printing supplies |  |
| P2V97A                        | HP 774 Matte Black/Chromatic Red DesignJet Printhead                       |
| P2V98A                        | HP 774 Light Magenta/Light Cyan DesignJet Printhead                        |
| P2V99A                        | HP 774 Magenta/Yellow DesignJet Printhead                                  |
| P2W00A                        | HP 774 Photo Black/Light Gray DesignJet Printhead                          |
| P2W02A                        | HP 774 775-ml Chromatic Red DesignJet Ink Cartridge                        |
| C1Q37A                        | HP 773C 775-ml Matte Black DesignJet Ink Cartridge                         |
| C1Q39A                        | HP 773C 775-ml Magenta DesignJet Ink Cartridge                             |
| C1Q40A                        | HP 773C 775-ml Yellow DesignJet Ink Cartridge                              |
| C1Q41A                        | HP 773C 775-ml Light Magenta DesignJet Ink Cartridge                       |
| C1Q42A                        | HP 773C 775-ml Cyan DesignJet Ink Cartridge                                |
| C1Q43A                        | HP 773C 775-ml Photo Black DesignJet Ink Cartridge                         |
| C1Q44A                        | HP 773C 775-ml Light Gray DesignJet Ink Cartridge                          |
| CH644A                        | HP 771 DesignJet Maintenance Cartridge                                     |

Use Original HP inks and printheads, and HP large format printing materials, 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, and Original HP inks are designed to maximize the life of HP printheads. Protect your HP printer investment by using Original HP inks for full HP warranty protection. For more information, visit [hp.com/go/OriginalHPInks](http://hp.com/go/OriginalHPInks).

### Service and support

U9WE3E HP 3 year Next Business Day plus Defective Media Retention Support  
U9WE5E HP 5 year Next Business Day plus Defective Media Retention Support  
U9WE6PE HP 1 year Post Warranty, Next Business Day plus Defective Media Retention Support  
U9WE7PE HP 2 year Post Warranty, Next Business Day plus Defective Media Retention Support  
H4518E HP Installation Service with Network Setup

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 [www.hp.com/go/cpc](http://www.hp.com/go/cpc).

For the entire HP Large Format Printing Materials portfolio, please see [HPLFMedia.com](http://HPLFMedia.com).

### Eco Highlights

- ENERGY STAR<sup>®</sup> certified, EPEAT<sup>®</sup> Bronze registered as environmentally preferable product
- Breakthrough colour consistency can help reduce unnecessary reprints
- Free, convenient HP ink cartridge and printhead recycling
- FSC<sup>®</sup>-certified papers<sup>4</sup>, range of recyclable HP media with a take-back program<sup>5</sup>

Please recycle large-format printing hardware and printing supplies. Find out how at our website [hp.com/ecosolutions](http://hp.com/ecosolutions)

<sup>1</sup> ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

<sup>2</sup> EPEAT<sup>®</sup> registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

<sup>3</sup> Program availability varies. Please check <http://www.hp.com/recycle> for details.

<sup>4</sup> BMG trademark license code FSC-C115319, see <http://www.fsc.org>. HP trademark license code FSC-C017543, see <http://www.fsc.org>. Not all FSC-certified products are available in all regions.

<sup>5</sup> HP Large Format Media take-back program availability varies. Some recyclable HP papers can be recycled through commonly available recycling programs. Recycling programs may not exist in your area. See <http://www.HPLFMedia.com/hp/ecosolutions> for details.

<sup>1</sup> Maximum rate of output for colour image 100% colour coverage. Printed in Economode, on HP Bright White Inkjet Paper (bond), maximum roll size, with Original HP Vivid Photo Inks. Measured on a 60-in printer.

<sup>2</sup> Mechanical printing time with Original HP Vivid Photo Inks. Measured on a 60-in printer.

<sup>3</sup> Not included in the box for 60-in models.

<sup>4</sup> Not included in the box for 42-in models.

<sup>5</sup> Based on 1 GB RAM.

