HP DesignJet Z6810 Production Printer series



The fastest high-quality production printing solution¹



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.3
- Meet your customers' expectations for precise colors with HP Professional PANTONE® color emulation.4

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.⁵
- Handle more jobs with 500 GB hard disk
- Work without interruption with long media rolls, 775-ml HP ink cartridges, and a built-in take-up reel.

RELIABLE—No need to change the way you

- Seamlessly integrate with the market-leading RIPs, enabled by HP's RIP certification program.²
- Turn operator efficiency into operating profit with HP SmartStream job preparation and processing
- Enjoy one-click printing that also helps reduce media waste using HP Click printing software.⁶

For more information, please visit http://www.hp.com/go/designjetz6810

Compared with large-format photo inks inkjet printers under \$10,000 USD for graphics applications. Based on the fastest-rated color speeds as published by manufacturers as of June, 2017. Test methods vary.

² For a list of HP certified RIPs, visit: https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=c07798647 ³ Embedded in the HP DesignJet Z6810 Production 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.

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/hour. Using plain paper and Normal mode, HP DesignJet Z6810 Production Printers can achieve speeds up to 548 ft²/hour.

⁶ 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.

Technical specifications

Print speed A 2-in Past-Economobie 113.6 m/hr on plain media Normak 21.9 m/hr on plain media	Print	
Technology AP Thermal Inlight Margins Roll 5 x 5 x 5 x 5 xm Kirk Iyes Pigment-based Printheads 8 IZx matte black/thromatic red, 2x magental/yellow, 2x light magentalcyan, 2x photo black/light gray) Printhead nozzles 2 112 per color Line accuracy 4 color accuracy Median *1 25 de2000, 95% of color \$ 2.75 de2000² Short-term color sality *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *1 de2000 on less than 5 minutes² Long-term print-to-print spendability *2 de2 nic 23 to 100 for 7 minutes² Long-term print-to-print spendability *2 de2 nic 23 to 100 for 7 minutes² Long-term print-to-print spendability *2 de2 nic 23 to 100 for 7 minutes² Long-term print-to-print spendability Long-term print-to-print spendability Long-term print-to-print spendability Long-term print-to-print spendability *2 de2 nic 23 to 100 for 7 minutes² Long-term print-to-print spendabil	Print speed	Fast-Economode: 113.6 m²/hr on plain media Normal: 21.9 m²/hr on coated media Best: 11 m²/hr on glossy media 60-in: Fast-Economode: 140 m²/hr on plain media Normal: 26.3 m²/hr on coated media
Mergins Roll: 5 x 5 x 5 x 5 mm	Print resolution	Up to 2400 x 1200 optimized dpi
Pictibused S Pigment-based 2 L2 matter black/chromatic red, 2x magental/yellow, 2x light magental/yen, 2x photo black/light gray) Prithhadan oza? 211 2 per color Une accuracy 20.1% Minimum line width 0.02 mm 6P-0L/2 addressable) Color accuracy 4.0.1% Minimum line width 0.02 mm 6P-0L/2 addressable) Color accuracy 4.0.1% Minimum line width 0.02 mm 6P-0L/2 addressable) Color accuracy 4.0.2 mm 6P-0L/2 addressable) Cong-term print-to-print repeatability 4.0 dc2000 in less than 5 minutes? Long-term print-to-print repeatability 4.1 min/2.3 in 0? Make gold addressity 4.5 min/2.3 in 0.5 mm 60-m; 279 to 1567 mm 60-m; 279 to 1567 mm 60-m; 279 to 1567 mm Golmanage 80 to 500 g/m² Thickness Up to 0.6 mm Applications Memory 64 GB file processing (based on 1 GB RAM) Heard disk 500 GB Connectivity Interfaces Gagable Ethernet (1000Base-17); BIO Jetdirect accessory slot Nother print tanguages (optional) Address Destructions and macros with optional PostScript/PDF Upgrade KR Security Returns Print languages (optional) Address Destructions of My Dx H0 Print languages (optional) Address Print gray Spot Sy 3 Address PDF 1.7; TIFF; PEG Drivers Paster driver for Windows PostScript fiver for Windows and macros with optional PostScript/PDF Upgrade KR Security Returns Shipping 42-m; 129 to 89 x 1310 mm 60-m; 2430 x 690 x 1310 mm 60-m; 2450 x 690 x 1300 mm 60-m; 2450 x 690 x 750 x 1200 mm 60-m; 2450 x 690 x 750 x 1200 mm 60-m; 2450 x 690 x 750 x 1200 mm 60-m; 2450 x 690 x 750 x 1200 mm 60-m; 2450 x 690 x 1300 x 750 x 1200 mm 60-m; 2450 x 690 x 750 x 12	Technology	HP Thermal Inkjet
Printheads 8 (2x matte black/chromatic red, 2x magental/yellow, 2x light magental/syan, 2x photo black/light gray) Printhead nozzles 2 112 per color Line accuracy 40.1% Minimum line width 0.02 mm PHP-GL/2 addressable) Median + 1.25 (E2000, 95% of colors < 2.75 (E2000) Median + 1.25 (E2000, 95% of colors < 1.25 (E2000) **Short-term color stability** **Vertical or all of E2000 in less than 5 minutes* Long-term print-to-print per color stability* **Vertical or all or	Margins	Roll: 5 x 5 x 5 x 5 mm
Printhead nazzles 2112 per color Line accuracy 4.0.1% Minimum line wide wide 0.02 mm (HP-G/2 addressable) Color accuracy Median < 1.25 dE2000, 95% of colors < 2.75 dE2000 ² Short-term color stability Color accuracy Median < 1.25 dE2000, 95% of colors < 2.75 dE2000 ² Short-term color stability Cong term print-to-print repeatability Max optical density Mexage < 0.5 dE2000, 95% of colors < 1.25 dE2000 ² Max optical density Mexage Me	Ink types	Pigment-based
Line accuracy 2.0.1% Minimum line width O.22 mm (Ps-GL/2 addressable) Color accuracy Median - 1.25 of 2000, 95% of colors < 2.75 di20002 Short-term color stability	Printheads	8 (2x matte black/chromatic red, 2x magenta/yellow, 2x light magenta/cyan, 2x photo black/light gray)
Memory Applications Schemetal (1000Base-17): BIO Jedfiret accessory slot Nator Berno (1000Base) (1000Base-17): BIO Jedfiret accessory slot Native print languages (1000Base-17): BIO Jedfiret	Printhead nozzles	2112 per color
Color accuracy Median < 1.25 dE2000, 95% of colors < 2.75 dE2000 ² Short-term color stability	Line accuracy	±0.1%
Short-term color stability < 1 dE2000 in less than 5 minutes? Long-term print-to-print repeatability Average < 0.5 dE2000, 95% of colors < 1.25 dE2000? Max optical density 4.5 th min/2.31 D² Moda Roll feed, automatic horizontal cutter, media bin³, take-up reel⁴ Roll size 42-in: 279 to 1067 mm 60-in: 279 to 1067 mm 60-in: 279 to 1067 mm 80-in: 279 to 1067 mm 80-in: 279 to 1067 mm 80-in: 279 to 1068 mm Applications Up to 0.6 mm Applications Enhibition and event graphics; Graphics design; Indoor posters; Layouts and comps; Light boxes - paper, Line drawings; Schematics; Technical presentations; Photo maps; Point of sale/display, POP/POS; Posters; Presentations; Renderings; Schematics; Technical presentations Memory 64 GB file processing (based on 1 GB RAM) Hard disk 500 GB Connectivity Hard disk 500 GB Connectivity Hard disk 500 GB Print languages (PLZ, HP-RTL, CALS G4 Print languages (Applications) Adobe PostScript 3: Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript 400 petitorise three for Windows and mac/OS with optional PostScript/PDF Upgrade kit Security Features SIMPV3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase Dimensions (W x D x H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 280 x 755 x 1200 mm 60-in: 281 x 123 kg 60-in: 190 kg 60-in: 190 kg 60-in: 190 kg 60-in: 200 x 80 x 1370 mm 60-in: 221 x 123 kg 60-in: 190 kg 60-in: 190 kg 60-in: 200 x 80 x 1370 mm 60-in: 280 x 755 x 1200	Minimum line width	0.02 mm (HP-GL/2 addressable)
Long-term print-to-print represtability Average < 0.5 dE2000, 95% of colors < 1.25 dE2000 ² Media Handling Roll feed, automatic horizontal cutter, media bin ³ , take-up reel ⁴ Roll size 42-in: 279 to 1057 mm 66-in: 279 to 1524 mm 66-in: 279 to 1524 mm 66-in: 279 to 1524 mm Applications Bit book of mm Applications Leshabition and event graphics; Graphics design; Indoor posters; Layouts and comps; Light boxes - paper; Line drawings; Maps; Office Graphics; Orthophotos; Photo maps; Point of sale/display, PDP/POS; Posters; Presentations; Renderings; Schematics; Technical presentations Memory 64 dB file processing (based on 1 GB RAM) Hard disk 500 GB Connectivity Interfaces Gigabit Ethernet (1000Base-1); E10 Jetdirect accessory slot Native print languages (Applications) Abobe PostScript A, Adobe PDF 1.7; TIFF; JPEG Directs Print languages (Applications) Abobe PostScript A, Adobe PDF 1.7; TIFF; JPEG Directs Raset driver for Windows and macOS with optional PostScript/PDF Upgrade Kit Security Returns Directs Asset driver for Windows and macOS with optional PostScript/PDF Upgrade Kit Security Returns Directs 42-in: 1970 x 690 x 1370 mm 60-in: 2580 x 730 x 1200 mm 60-in: 2584 x 750 x 1200 mm 60-in: 2584 x 750 x 1200 mm 60-in: 2584 x 750 x 1200 mm Meight What's in the box HP Designate Ze80 V 730 x 1200 mm Printer of Carlon, media bin ³ , take-up reef ⁴ , 3-n spindle adapter kit, quick reference guide, setup poster, startup software, power cond where the pressure solutions Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Environmental ranges Operating humidity 20 to 80% RH Storage temperature 20 to 80% RH	Color accuracy	Median < 1.25 dE2000, 95% of colors < 2.75 dE2000 ²
repeatability Max optical density 4.5 L* min/2.31 D² Mexiding Roll feed, automatic horizontal cutter, media bin¹, take-up reel⁴ Roll size 42-in: 279 to 1067 mm 60-in: 279 to 1057 mm 60-in: 279 to 1058 mm Romange 80 to 500 g/m² Thickness Up to 0.6 mm Applications Eshabition and event graphics, Graphics design; Indoor posters; Layouts and comps; Light boxes - paper; Line drawings, Maps; Office Graphics, Orthophotos, Photo maps; Point of sale/display, POI/PIOS; Posters; Presentations, Renderings; Schematics, Technical presentations Memory 64 GB file processing (based on 1 GB RAM) Hard disk 500 GB ConnectMy Interfaces Gigabit Ethernet (1000Base-17; EI0 Jetdirect accessory slot Native print languages HP-GL/2, HP-RTL, CALS 64 Print languages (optional) Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster diver for Windows and macOS with optional PostScript/DFF Upgrade Kit. Security features Simply, 300 x 1370 mm 60-in: 2804 x 750 x 1200 mm Weight Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2804 x 750 x 1200 mm 60-in: 2804 x 750 x 1200 mm Weight What's in the box What's in the box HP Designate Z681 0 Production Printer, spindle, printheads, introductory ink carrridge, maintenance cartridge, printer strand, media bin¹, take-up reel³, 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click; HP Designate Utility including HP Color Center Environmental ranges Operating humidity 2 to 10 55°C Acoustics Sound power 7. 0 BOA (operating), 3.9 dB(A) (diel), 5.5 B(A) (sleep) Power Consumption 2 70 W (printing); < 48 W (ready); < 5.3 W (sleep); < 0.3 W (off)	Short-term color stability	< 1 dE2000 in less than 5 minutes ²
Handling		Average < 0.5 dE2000, 95% of colors < 1.25 dE2000 ²
Handling Roll feed, automatic horizontal cutter, media bin², take-up reel ⁴ Roll size 42-in: 279 to 1057 mm 60-in: 279 to 1054 mm 60-in: 280 to 500 g/m² Thickness Up to 0.6 mm Applications Exhibition and event graphics, Graphics design; Indoor posters; Layouts and comps; Light boxes – paper; Line drawings; Maps, Office Graphics, Orthophotos, Photo maps; Point of sale/display, POIPPUS, Posters, Presentations, Renderings; Schematics, Technical presentations Memory 64 GB file processing (based on 1 GB RAM) Hard disk 500 GB Connectivity Interfaces Gigabit Ethernet (1000Base-17; EID Jetdirect accessory slot Native print languages HP-GL/2, HP-RTL, CALS G4 Print languages (optional) Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript of where for Windows PostScript of Windows PostScr	Max optical density	4.5 L* min/2.31 D ²
Roll size 42-in: 279 to 1067 mm 60-in: 279 to 1524 mm 60-in: 280 x 370 mm 60-in: 280 x 750 x 1200 mm 60-in: 280 x 60 x 1000 x 100	Media	
60-in: 279 to 1524 mm Grammage		
Trickness Up to 0.6 mm Applications Exhibition and event graphics; Graphics design; Indoor posters; Layouts and comps; Light boxes – paper; Line drawings; Maps; Office Graphics; Orthophotos; Photo maps; Point of sale/display, PDP/POS; Posters; Presentations; Renderings; Schematics; Technical presentations Memory 64 GB file processing (based on 1 GB RAM) Hard disk 500 GB Connectivity Interfaces Gigabit Ethernet (1000Base-1); EIO Jetdirect accessory slot Native print languages HP-GL/2, HP-RTL, CALS G4 Print languages (optional) Adobe PostScript 3: Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows and mac0S with optional PostScript/PDF Upgrade Kit Security features SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase Dimensions (W x D x H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2630 x 735 x 1200 mm 60-in: 2684 x 750 x 1200 mm 60-in: 2684 x 750 x 1200 mm Weight Printer 42-in: 177 kg 60-in: 222 kg What's in the box HD Designate Z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin's, take-up reet', 3-in-spindle adapter kit, quick reference guide, setup poster, startup software, power cord Printer and solutions Printers, HP Click, HP Designate Utility including HP Color Center Environmental ranges Diperating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature 5 3 dB(A) (operating), 5 s B(A) (idle), 3 g dB(A) (sleep) Sound prossure 53 dB(A) (operating), 5 s B(A) (idle), 5 s B(A) (sleep) Power Consumption 270 W (printing); < 48 W (ready); < 5.3 W (sleep); < 0.3 W (offf)	Roll size	
Applications Exhibition and event graphics; Graphics design; Indoor posters; Layouts and comps; Light boxes - paper; Line drawings; Maps; Office Graphics; Orthophotos; Photo maps; Point of sale/display, PDP/POS, Posters; Presentations; Renderings; Schematics; Technical presentations Memory 64 GB file processing (based on 1 GB RAM) Hard disk 500 GB Connectivity Interfaces Gigabit Ethernet (1000Base-T); EIO Jetdirect accessory slot Native print languages HP-GL/2, HP-RTL, CALS G4 Print languages (optional) Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript driver for Windows PostScript priver for Windows PostScript priver for Windows PostScript Adobe PostScript Post Polyparade Kit Security features SNMPv.3, Control Panel Lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase Dimensions (W x D x H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2481 x 100 mm 60-in: 2	Grammage	80 to 500 g/m²
Memory 64 GB file processing (based on 1 GB RAM) Hard disk 500 GB Connectivity Interfaces Gigabit Ethernet (1000Base-T); EIO Jetdirect accessory slot Native print languages HP-GL/2, HP-RTL, CALS G4 Print languages optional) Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript at view for Windows Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript MP-QL (PM-RAM) PostScript driver for Windows Adobe PostScript MP-QL (PM-RAM) PostScript driver for Windows Adobe PostScript MP-QL (PM-RAM) Printer Season (Wx Dx H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 240 x 690 x 1370 x 690 x 1370 mm 60-in: 240 x 690 x 1370 x 690 x 1370 mm 60-in: 240 x 690 x 1370 x 690 x 1370 mm 60		Up to 0.6 mm
Hard disk 500 GB Connectivity Interfaces Gigabit Ethernet (1000Base-T); E10 Jetdirect accessory slot Native print languages HP-GL/2, HP-RTL, CALS G4 Print languages (optional) Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript (fror Windows and mac OS with optional PostScript/PDF Upgrade Kit Security features SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase Dimensions (W x D x H) Printer 42-In: 1970 x 690 x 1370 mm 60-In: 2430 x 690 x 1370 mm 60-In: 2430 x 690 x 1370 mm Shipping 42-In: 2280 x 735 x 1200 mm 60-In: 2684 x 750 x 1200 mm Weight Printer 42-In: 123 kg 60-In: 190 kg Shipping 42-In: 122 kg 60-In: 190 kg What's in the box HP DesignJet Z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin ³ , take-up reet ⁴ , 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Dperating humidity 20 to 80% RH Storage temperature -20 to 55°C Acoustics Sound pressure 53 dB(A) (operating), 39 dB(A) (idle), 39 dB(A) (sleep) Fower Consumption 270 W (printing); < 4B W (ready); < 5.3 W (sleep); < 0.3 W (off)	Applications	Maps; Office Graphics; Orthophotos; Photo maps; Point of sale/display; POP/POS; Posters; Presentations; Renderings;
Connectivity Interfaces Gigabit Ethernet (1000Base-T); EIO Jetdirect accessory slot Native print languages HP-GL/2, HP-RTL, CALS G4 Print languages (optional) Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows and macOS with optional PostScript/PDF Upgrade Kit Security features SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase Dimensions (W x D x H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm Shipping 42-in: 123 kg 60-in: 290 x 735 x 1200 mm Weight Printer 42-in: 177 kg 60-in: 292 kg What's in the box HD DesignJet z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin³, take-up reet³, 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature 5 to 40°C Acoustics Sound prover 7.0 B(A) (operating), 39 dB(A) (idle), 39 dB(A) (sleep) Power Consumption 270 W (printing); < 48 W (ready); < 5.3 W (sleep); < 0.3 W (off)	Memory	64 GB file processing (based on 1 GB RAM)
Interfaces Gigabit Ethernet (1000Base-T); EIO Jetdirect accessory slot Native print languages HP-GL/2, HP-RTL, CALS G4 Print languages (optional) Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript Mindows and macOS with optional PostScript/PDF Upgrade Kit Security features SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase Dimensions (W x D x H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2430 x 590 x 1370 mm 60-in: 2430 x 590 x 1370 mm Weight Printer 42-in: 123 kg 60-in: 190 kg Shipping 42-in: 123 kg 60-in: 190 kg Shipping 42-in: 177 kg 60-in: 222 kg What's in the box HP DesignJet Z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin³, take-up reel⁴, 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature 5 to 40°C Acoustics Sound pressure 53 dB(A) (operating), 39 dB(A) (idle), 39 dB(A) (sleep) Power Consumption 270 W (printing); < 48 W (ready); < 5.3 W (sleep); < 0.3 W (off)	Hard disk	500 GB
Native print languages HP-GL/2, HP-RTL, CALS G4 Print languages (optional) Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript driver for W	Connectivity	
Print languages (optional) Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG Drivers Raster driver for Windows PostScript driver for Windows and macOS with optional PostScript/PDF Upgrade Kit Security features SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase Dimensions (W x D x H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2684 x 750 x 1200 mm 60-in: 2684 x 750 x 1200 mm 60-in: 190 kg Weight Printer 42-in: 177 kg 60-in: 190 kg Shipping 42-in: 177 kg 60-in: 222 kg What's in the box HP DesignJet Z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin 3, take-up reel 4, 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord Privornmental ranges Operating temperature 5 to 40°C Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature - 20 to 55°C 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)	Interfaces	Gigabit Ethernet (1000Base-T); EIO Jetdirect accessory slot
Drivers Raster driver for Windows PostScript driver for Windows and macOS with optional PostScript/PDF Upgrade Kit Security features SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase Dimensions (W x D x H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2684 x 750 x 1200 mm 60-in: 2684 x 750 x 1200 mm 60-in: 2684 x 750 x 1200 mm 60-in: 190 kg Shipping 42-in: 177 kg 60-in: 190 kg Shipping 42-in: 177 kg 60-in: 222 kg What's in the box HP DesignJet Z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin ³ , take-up reel ⁴ , 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Ervironmental ranges Operating temperature 5 to 40°C Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)	Native print languages	HP-GL/2, HP-RTL, CALS G4
PostScript driver for Windows and macOS with optional PostScript/PDF Upgrade Kit Security features SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase Dimensions (W x D x H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2684 x 750 x 1200 mm 60-in: 2684 x 750 x 1200 mm 60-in: 190 kg Weight Printer 42-in: 177 kg 60-in: 190 kg Shipping 42-in: 177 kg 60-in: 222 kg What's in the box HP Designlet Z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin ³ , take-up reel ⁴ , 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating temperature 5 to 40°C Operating temperature -20 to 55°C 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)	Print languages (optional)	Adobe PostScript 3; Adobe PDF 1.7; TIFF; JPEG
Dimensions (W x D x H) Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm Shipping 42-in: 2280 x 735 x 1200 mm 60-in: 2684 x 750 x 1200 mm Weight Printer 42-in: 123 kg 60-in: 190 kg Shipping 42-in: 177 kg 60-in: 222 kg What's in the box HP DesignJet Z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin³, take-up reel⁴, 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)		
Printer 42-in: 1970 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2430 x 690 x 1370 mm 60-in: 2480 x 750 x 1200 mm 60-in: 2684 x 750 x 1200 mm 60-in: 200 kg 60-in: 190 kg 60-in: 190 kg 60-in: 190 kg 60-in: 222 kg 60-in: 225 kg 60-in: 2	Security features	SNMPv3, Control Panel lock levels, Certificates management, IPsec, SSL, Secure file erase, Secure disk erase
60-in: 2430 x 690 x 1370 mm Shipping 42-in: 2280 x 735 x 1200 mm 60-in: 2684 x 750 x 1200 mm Weight Printer 42-in: 123 kg 60-in: 190 kg Shipping 42-in: 177 kg 60-in: 222 kg What's in the box HP DesignJet Z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin³, take-up reel 4, 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)	Dimensions (W x D x H)	
Weight Printer 42-in: 123 kg 60-in: 190 kg Shipping 42-in: 177 kg 60-in: 222 kg What's in the box HP Design let Z6810 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin ³, take-up reel ⁴, 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP Design Jet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)	Printer	
Printer 42-in: 123 kg 60-in: 190 kg Shipping 42-in: 177 kg 60-in: 222 kg What's in the box HP Design.Jet Z6B10 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin ³ , take-up reel ⁴ , 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP Design.Jet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)	Shipping	
60-in: 190 kg 42-in: 177 kg 60-in: 222 kg What's in the box HP Design Jet Z6B10 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin ³ , take-up reel ⁴ , 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP Design Jet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)	Weight	
60-in: 222 kg What's in the box HP DesignJet Z6B10 Production Printer, spindle, printheads, introductory ink cartridges, maintenance cartridge, printer stand, media bin 3, take-up reel 4, 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)	Printer	
stand, media bin³, take-up reel⁴, 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power cord HP Software and solutions Printer drivers, HP Click, HP DesignJet Utility including HP Color Center Environmental ranges Operating temperature 5 to 40°C Operating temperature 20 to 80% RH Storage temperature -20 to 55°C 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)		
Environmental ranges Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)	What's in the box	stand, media bin ³ , take-up reel ⁴ , 3-in spindle adapter kit, quick reference guide, setup poster, startup software, power
Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)	HP Software and solutions	Printer drivers, HP Click, HP DesignJet Utility including HP Color Center
Operating humidity 20 to 80% RH Storage temperature -20 to 55°C 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)	Environmental ranges	
Storage temperature	Operating temperature	5 to 40°C
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)	Operating humidity	20 to 80% RH
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)	Storage temperature	-20 to 55°C
Sound power 7.0 B(A) (operating), 5.5 B(A) (idle), 5.5 B(A) (sleep) Power Consumption 270 W (printing); < 4B W (ready); < 5.3 W (sleep); < 0.3 W (off)	Acoustics	
Power Consumption 270 W (printing); < 48 W (ready); < 5.3 W (sleep); < 0.3 W (off)	Sound pressure	53 dB(A) (operating), 39 dB(A) (idle), 39 dB(A) (sleep)
Consumption 270 W (printing); < 48 W (ready); < 5.3 W (sleep); < 0.3 W (off)	Sound power	7.0 B(A) (operating), 5.5 B(A) (idle), 5.5 B(A) (sleep)
	Power	
Requirements Input voltage (auto ranging): 100-127 V (±10%), 5 A; 220-240 V (±10%), 3 A; 50/60 Hz (±3 Hz)	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	USA and Canada (CSA certified); EU (LVD and EN 60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYCE); Korea (KC)
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 (MSIP)
Environmental	ENERGY STAR; WEEE; RoHS (EU, China, Korea, India); REACH; EPEAT Bronze
Warranty	One-year limited hardware warranty

Ordering information

2QU12A

2QU14A	HP DesignJet Z6810 60-in Production Printer	
Accessories		
5EK00A 5EK01A CQ745C CQ754A Q6714A Q6715A L3J69AAE L3J79AAE	HP HD Pro 2 42-in Scanner HP SD Pro 2 44-in Scanner HP SD Pro 2 44-in Scanner HD Designlet PostScript/PDF Upgrade Kit HP DesignJet 60-in Spindle HP DesignJet 60-in Media Bin HP DesignJet User Maintenance Kit HP SmartStream Preflight Manager HP SmartStream Print Controller for HP DesignJet Z6xx0 Production Printers	

HP DesignJet Z6810 42-in Production Printer

Original HP printing supplies

B6Y39A B6Y41A	HP 771A 3-pack 775-ml Matte Black DesignJet Ink Cartridges HP 771A 3-pack 775-ml Magenta DesignJet Ink Cartridges
B6Y42A	HP 771A 3-pack 775-ml Yellow DesignJet Ink Cartridges
B6Y43A B6Y44A	HP 771A 3-pack 775-ml Light Magenta DesignJet Ink Cartridges HP 771A 3-pack 775-ml Light Cyan DesignJet Ink Cartridges
B6Y45A	HP 771A 3-pack 775-ml Photo Black DesignJet Ink Cartridges
B6Y46A P2V97A	HP 771A 3-pack 775-ml Light Gray DesignJet Ink Cartridges HP 774 Matte Black/Chromatic Red DesignJet Printhead
P2V98A	HP 774 Light Magenta/Cyan DesignJet Printhead
P2V99A P2W00A CH644A	HP 774 Magenta/Yellow DesignJet Printhead HP 774 Photo Black/Light Gray DesignJet Printhead 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.

Original HP large format printing materials

HP Everyday Matte Polypropylene

HP Everyday Matter Enzymophysens.
HP Artist Matte Canvas
HP Super Heavyweight Plus Matte Paper (FSC® certified)⁵ (Recyclable)⁵
HP Premium Instant-dry Satin Photo Paper (FSC® certified)⁶ (Recyclable)⁶
HP Premium Vivid Color Backlit Film

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

HP Support Services offer installation and extended support services (e.g. 2, 3, 4, and 5 years). For more information, please visit http://www.hp.com/go/cpc

Maximum rate of output for color image 100% color coverage. Printed on maximum roll size, with Original HP Vivid Photo Inks.

With HP Premium Instant-dry Satin Photo Paper with HP Vivid Photo Inks.

Not included in the box for 60-in models.

Hot included in the box for 42-in models.

BMG trademark license code FSC®-C115319, see http://www.fsc.org. HP trademark license code FSC®-C017533, see http://www.fsc.org. Not all FSC®-certified products are available in all regions.

Recyclable HP papers can be recycled through commonly available recycling programs, or according to region-specific practices, or can be returned through the HP Large Format Media take-back program. Recycling programs may not exist in your area. See http://www.HPLFMedia.com/hp/ecosolutions for details.





















