# HP DesignJet T650 24-in Printer



Simply the world's easiest large-format plotters<sup>1</sup>—affordability without tradeoffs



## Extreme simplicity

- Print multi-size A3 and A1 projects automatically, without manually switching the media source.
- Save time with the world's easiest job submission<sup>2</sup>—send multiple files in one click with HP Click.<sup>3</sup>
- Print with confidence you'll get the results you expect with an intuitive driver and true print preview.

## Fits your office and budget

- Save space with the world's smallest plotters<sup>4</sup> designed to fit your office, including a built-in stand.
- Use up to 95% less ink for routine maintenance vs competitor and get up to 100 extra A1 pages per month.5
- More sustainable design reduces CO2e up to 7.3 tons/year by units sold by using up to 30% recycled plastic.<sup>6</sup>

### Fits the way you work

- Avoid waiting by the printer with high-speed printing as fast as 26 seconds per A1 plot.
- Be more productive—save time from job prep to final print by printing your projects up to 2x
- Print your jobs and manage your plotter from virtually anywhere, anytime with the HP Smart
- Get high-quality results—HP Bright Office Inks plot up to 31% more line accuracy and up to 65% more gamut.<sup>7</sup>

### For more information, please visit http://www.hp.com/go/designjett650

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds

<sup>&</sup>lt;sup>1</sup> The HP DesignJet T600 Printer series and the HP DesignJet Studio Printer series are the only solutions providing seamless printing of both large- and small-format sheets automatically in a multi-size print basket compared to competitive alternatives with comparable size and features as of January, 2020.

Three-click printing with HP Click software compared to up to 11 clicks with competitive alternatives when printing 5 files of different sizes. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files. Based on testing

the HP DesignJet T650 36-in Printer, from job prep to print is up to 2x faster than competitive alternatives with comparable size and features as of January, 2020.

3 One-click printing with HP Click software. Applicable to PDF, JPEG, TIFF, DWF, and HP-GL/2 files.

4 HP DesignJet T650 36-in series printers are up to 17% smaller compared to competitive alternatives with comparable size and features as of January, 2020. The world's smallest large-format plotters based on

most compact footprint.

5 Based on HP internal testing, January 2020, comparing the HP DesignJet T200 Printer, that uses the same ink and print mode as the HP DesignJet T600 Printer series, and Canon TM-200 and TM-300 Printers in

terms of ink used during routine printhead cleanings.

terms of Ink used during routine printhead cleanings.

More sustainable design compared to the previous printer models (HP DesignJet T500 Printer series) replaced with the HP DesignJet T600 Printer series. Based on calculations in accordance with ISO 14040/14044 Life Cycle Assessments using ReCiPe (H) v. 1.1 (2016) on GaBi 8.5 (2018) software and scaled to reflect expected yearly sales.

Up to 31% more line accuracy based on HP internal testing, September 2019 of 1 pixel vertical line straightness comparing prints from the HP DesignJet T600 Printer series and Canon TM-305 Printer on plain paper using equivalent fast/draft print modes. Up to 65% more colour gamut based on HP internal testing, September 2019, of gamut volume comparing prints from the HP DesignJet T600 Printer series and Canon TM-305 Printer on Oce 75gsm plain paper using equivalent fast/draft print modes

# **Technical specifications**

Pint resolution	Print	
Technology	Print speed	26 sec/page on A1, 81 A1 prints perhour <sup>1</sup>
Margins	Print resolution	Up to 2400 x1200 optimised dpi
Sheet S x x S x x 1 mm (manual feet); x x x x x x mm input tray)	Technology	HP Thermal Inkjet
Page Yield 20 ml of inkyields 101 A1 pages, taking into accountmaintenanceroutines <sup>2</sup> mix drop 5,5 pt (C, M, Y); 12 pt (C) Printheads 1 (Loya, magenta, yell ow, black) Printhead notzites 1376 Lineaccuracy 40.1% Printhead notzites 1376 Lineaccuracy 40.1% Max optical density 8! mix 12.10 D4 Media Hammium lineawith 0.02 mm Max optical density 8! mix 12.10 D4 Media Handling Sheef feed, roll feed, automatic sheef feeder, mediabin, automatic horizontal cutter Roll size 279 to 610 mm Sheet size 20 k279 to 610 mm Sheet size 20 k279 to 610 k1897 mm Standard sheets Auto sheet feeder 4A, 43, A2, A1 Gammage 60 to 280 g/m² (culturanual feed); 60 to 220 g/m² (auto sheet feeder) Thickness Up to 0.3 mm Applications Line drawings, Presentations; Renderings Memory 1 GB Hand disk None ConnectMay Interfaces Gigabit Ethernet (1000 Base-T), Hi-Speed USB 2.0, Wi-Fi802.11 a/b/g/n, Wi-Fi0rect Natheep intral languages PP-GL/2, PP-RTL CALS GA J. PEG, UBP Printing paths Print signal printing, Nim Point Service Plugh for Android, Apple AirPrint Drivers Raster draw, Nim Print Service Plugh for Android, Apple AirPrint Drivers Raster draw, Nim Print Service Plugh for Android, Apple AirPrint Weight Printer 29.5 kg Dimensions (with Arth) Printer 29.5 kg Shipping 38 kg What's in the box Land Service Plugh for Android, Apple AirPrint Printer 29.5 kg Shipping 38 kg What's in the box Land Service Plugh for Android, Apple AirPrint Printer 29.5 kg Shipping 38 kg What's in the box Land Service Plugh for Android, Apple AirPrint Printer 30.0 kg Operating temperature 42 bit 40 kg Operating temperature 42 bit	Margins	Roll: 5 x 5 x 5 x 5 mm Sheet: 5 x 5 x 5 x 5 x 17 mm (manual feed); 5 x 5 x 5 x 5 mm (input tray)
Inkertorp   S.5.pt (C. M. Y); 12.pt (K)	Inktypes	Dye-based (C, M, Y); pigment-based (K)
Printheads         1 (cyan, magenta, yellow, black)           Printhead nozzles         1376           Line accuracy         e.0.1961           Minimum line width         0.02 mm           Maxopited density         8 th miniz, 10.014           Media         Wedia           Handling         Sheet feed, roll feed, automatic sheet feeder, mediabin, automatic horizontal cutter           Roll size         279 to 610 mm           Sheet size         Auto sheet feeder, 24, 32, 42, 41           Granmage         60 to 280 gm/s           Standard sheets         Auto sheet feeder, 24, 33, 22, 41           Granmage         60 to 280 gm/s           Got to 280 gm/s         Auto sheet feeder, 24, 33, 22, 41           Granmage         60 to 280 gm/s           Memory         1.08           Memory         1.08           Memory         1.08           Memory         1.08           Make of title may sheep interior.         Memory Sheep interior.           Interfaces         Ggabb Ethemet (1000Base-1), H-Speed USB 2.0, WFB02.11 abb/gh, WFBDrect           Nabelprint gnuages         H-GUZ, HP-RTL CALS GG, JPEG, URF           Penting paths         Pint Anywheewith HP Smartapp, HP CLick, HD divier for maxCS, HP divier for Windows, printing support for Chrome OS, end printing applicatin	Pag e Yiel d	20 ml of ink yields 101 A1 pages, taking into account maintenance routines <sup>2</sup>
Printhead nozzles         1376           Lineaccuracy         ±0.1%²           Max optical density         8 1 min/2.10 0⁴           Max optical density         8 1 min/2.10 0⁴           Modia         Handling           Sheet feed, roll feed, automatic sheet feeder, mediabin, automatic horizontal cutter           Roll Size         279 to 610 mm           Sheet size         Auto sheet feeder, 21 to 279 to 330 x 482 mm           Standard sheets         Auto sheet feeder, 24, 23 mm           Standard sheets         Auto sheet feeder, 24, 23 mm           Forammage         610 z 280 g/m² (roll/manual feed); 60 to 220 g/m² (auto sheet feeder)           Thickness         Up to 0.3 mm           Applications         Line drawings; Presentations; Renderings           Memory         1 GB           Had disk         None           Connectivity           Interfaces         Gigable Ethernet (1000Base-17), H-Speed USB 2.0, WI-FIB02.11 a/b g/n, WI-FIDrect           Native pintlanguages         HP-GLZ, HP-RTL, CALS GA, JPEG, UBF           Printing paths         Pintlanguages           Printing paths         Pintlanguages           Printing paths         Pintlanguages           Printing paths         Pintlanguages pathsity, HP printing representacy exceptually for Androlds, AppleAPrint	Inkdrop	5.5 pl (C, M, Y); 12 pl (K)
Lineaccuracy	Printheads	1 (cyan, magenta, yellow, black)
Minimum line width 0.02 mm Max optical density 8 lt min/2,10 Dt Max optical density 8 lt min/2,10 Lt Max optical density 8 lt min/2,10 Lt Max optical density 8 lt min/2,10 Lt Max optical density 8 lt Max optical density 9 lt Max optical	Printhead nozzles	1376
Maximum Steet feed, roll feed, automatic sheet feeder, mediabin, automatic horizontal cutter  Roll size 279 to 610 mm  Sheet size Auto sheet feeder, 210 x 279 to 330 x 482 mm	Lin e accuracy	±0.1% <sup>3</sup>
Media         Handling         Sheet feed, roll feed, automatic sheet feeder, media bin, automatic horizontal cutter           Roll size         2.79 to 610 mm         2.79 to 610 mm           Sheet size         Auto sheet feeder 2.10 x 2.79 to 610 x 1897 mm           Standard sheets         Auto sheet feeder A.4, A.3 amanual feed. 2.10 x 2.79 to 610 x 1897 mm           Standard sheets         Auto sheet feeder A.4, A.3 amanual feed. 3.60 to 2.20 g/m² (auto sheet feeder)           Thickness         Up to 0.3 mm           Applications         Linedrawings; Presentations; Renderings           Memory         1.68           Hard disk         None           Connectivity           Interfaces         Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, Wi-Fi802.11 alb fg/m, Wi-FiDirect           Native print Languages         HP-GLZ, HP-RTL, CALS G4, JPEG, URF           Printing paths         Printing paths           Printing paths         Printing hywhere with High Smart app, HE Dicks, HP driver for macOS, HP driver for Windows, printing support for Chrome OS, email printing, HP PrintiService Plugin for Android, Apple AirPrint           Drivers         Raster driver for Windows and macOS           Drivers (windows)         She year all printing, HP PrintiService Plugin for Android, Apple AirPrint           Shipping         38 kg           Weight           Printer	Minimum linewidth	0.02 mm
Handling Sheet feed, roll feed, automatic sheet feeder, mediabin, automatic horizontal cutter  Roll size 279 to 610 mm  Sheet size Auto sheet feeder; 210 x 279 to 330 x 482 mm manual feed; 210 x 279 to 330 x 482 mm manual feed; 210 x 279 to 330 x 482 mm manual feed; 210 x 279 to 330 x 482 mm manual feed; 210 x 279 to 330 x 482 mm manual feed; 210 x 279 to 330 x 482 mm manual feed; 210 x 279 to 330 x 482 mm manual feed; 210 x 279 to 330 x 482 mm manual feed; 210 x 279 to 330 x 482 mm manual feed; 210 x 279 to 330 x 482 mm manual feed; 60 to 280 g/m² (auto sheet feeder)  Thickness Up to 0.3 mm Applications Line drawings, Presentations; Renderings  Memory 1 GB  Hard disk None  Connectivity Interfaces Gigabit Ethernet (1000Base-1), Hi-Speed USB 2.0, Wi-Fi802,111a/b/j/n, Wi-FiDrect  Native print languages HP-GL/Z, HP-RTL, CALS G4, JPEG, URF  Printing paths Printing pat	Max optical density	8 L* min/2.10 D <sup>4</sup>
Roll size 279 to 610 mm  Sheet size Auto sheet feeder 210 x 279 to 610 x 1897 mm  manual feed: 210 x 279 to 610 x 1897 mm  Standard sheets Auto sheet feeder: A4, A3 manual feed: A4, A3, A2, A1  Grammage 60 to 280 g/m² (foll/manual feed); 60 to 220 g/m² (auto sheet feeder)  Thickness Up to 0.3 mm  Applications Linedrawings; Presentations; Renderings  Memory 16B  Hard disk None  Connectivity  Interfaces Gigabit Ethernet (1000 Base-T), Hi-Speed USB 2.0, Wi-Fi80 2.11 a/b.fg/n, Wi-FiDirect  Native-print languages HP-GuZ; HP-RTL, CALS 64, JPEG, URF  Printing paths Print Anywherewith HP Smartapp, HP Click, HP driver for mac 05, HP driver for Windows, printing support for Chromo 05, email printing, HP Print Service Plugar for Android, Apple AiP Print  Divers Raster driver for Windows and mac 0S  Dimensions (w x d x h)  Printer 1013 x 605 x 932 mm  Shipping 1155 x 575 x 475 mm  Weight  Printer 29.5 kg  Shipping 38 kg  What's in the box HP Design Jet T650 24-in Printer eprinter stand, automatic sheet feeder, roll cover, printhead, introductory ink carridges, spindle, quick reference guide, setup poster, power cord  HP Softwareard solution HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant marinter  Remote print enabled Yes  One-click mutti-size printer  30%  Operating temperature 5 to 40°C  Operating temperature 20 to 80% RH  Operating altitude Up to 3000 m  Storage temperature 25 to 55°C  Acoustics  Sound power 5.88 (A) (operating), < 1.6 dB(A) (dtle)  Power  Consumption < 35 W (printing), < 5.6 W (ready), < 2.1 W (sleep), < 0.2 W (standby)	Media	
Sheet size Auto sheet feeder: 210 x 279 to 310 x 482 mm manual feed: 210 x 279 to 610 x 1897 mm  Standard sheets Auto sheet feeder: 410 x 279 to 610 x 1897 mm  Standard sheets Auto sheet feeder: 44, A3 A manual feed: 44, A3 manual feed: 44, A3 manual feed: 44, A3 A2, A1  Grammage 60 to 280 g/m² (roll/manual feed): 60 to 220 g/m² (auto sheet feeder)  Thickness Up to 0.3 mm  Applications Line drawings: Presentations; Renderings  Memory 1 GB  Hard disk None Connectivity  Interfaces Gigabit Ethernet (1000Base-T), Hi- Speed USB 2.0, Wi- FiB0 2.11 a/b g/n, Wi- FiDirect Native print languages HP-GUZ, HP-RTL, CALS GA, JPEG, URF Printing paths Print appaths Shipping 1153 x 575 x 475 mm  Weight Printer 1013 x 605 x 932 mm  Shipping 1155 x 575 x 475 mm  Weight Printer 29.5 kg Shipping 38 kg What's in thebox HP Design Jet T 650 24-in Printer, printer stand, automatic sheet feeder; roll cover, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HP S	Handling	Sheet feed, roll feed, automatic sheet feeder, media bin, automatic horizontal cutter
Standard sheets Auto sheet feeder; A4, A3 an annual feed; A4, A3, A2, A1 annual feed; A4, A2, A1 annual feed; A4, A2, A2 annual feed; A4, A2, A2, A1 annual feed; A4, A2, A2, A2, A2, A2, A2, A2, A2, A2, A2	Roll size	279 to 610 mm
manual feet. A4, A3, A2, A1  Grammage 60 to 280 g/m² (roll/manual feed), 60 to 220 g/m² (auto sheet feeder) Thickness Up to 0.3 mm  Applications Line drawings; Presentations; Renderings  Memory 1 GB Hard disk None  Connectivity Interfaces Gigabit Ethernet (1000 Base-T), Hi- Speed USB 2.0, Wi-Fi80 2.11 a/b, g/n, Wi-FiDrect Native print languages HP-GL/2, HP-RTL, CALS 64, JPEG, URF  Printing paths Print Anywhere with HP Smart app, HP Click, HP driver for mac 05, HP driver for Windows, printing support for Chrome 05, email printing, HP Print Service Plugin for Android, Apple AirPrint  Drivers Raster driver for Windows and mac 05  Dimensions (wx dx h)  Printer 1013 x 605 x 932 mm  Shipping 155 x 575 x 475 mm  Weight  Printer 29.5 kg  Shipping 38 kg  What's Intelow  HP Design Jet T650 24-in Printex printer stand, automatic sheet feeder, roll cover, printhead, introductory ink cartifyees, spindle quick reference guide, setup poste, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote print enabled Yes  One-click multi-size printing Ves  Environmental ranges  Recycled plastic in printer 5 to 40°C  Operating humidity 20 to 80% RH  Operating lumidity 20 to 80% RH  Operating latitude Up to 3000 m  Storage temperature -25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), <16 dB(A) (idle)  Sound power 5.8 B(A) (operating), <3.4 B(A) (idle)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Sheet size	
Thickness Up to 0.3 mm Applications Line drawings; Presentations; Renderings  Memory 1 GB  Memory 1 GB  Memory 1 GB  Merd disk None  Connectivity  Interfaces Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, Wi-FiB02.11a/b.fj/n, Wi-FiDirect  Native print languages HP-GL/2, HP-RTL, CALS G4, JPEG, URF  Printing paths Print Anywhere with HP Smart app, HP Click, HP driver for macOS, HP driver for Windows, printing support for Chrome OS, emal printing, HP Print Serve/Eugligh for Android, Apple AirPrint  Drivers Raster driver for Windows and macOS  Dimensions (wxd xh)  Printer 1013 x 605 x 932 mm Shipping 1155 x 575 x 475 mm  Weight  Printer 29.5 kg Shipping 38 kg  What's in thebox HP Design Jet T 650 24 - in Printee; printer stand, automatic sheet feeder, roll cover, printhead, introductory ink cartridiges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote print enabled Ves One-click multi-size printing Ves  Environmental ranges  Recycled plastic in printer 5to 40 s0 W RH Operating temperature 5to 40 s0 SW RH Operating temperature 2 to 80 sW RH Operating a littude Up to 3000 m  Storage temperature 25 to 55 s0 C  Acoustics  Sound pressure 42 dB(A) (operating), < 1.6 dB(A) (idle)  Sound power 5.8 B(A) (operating), < 3.4 B(A) (idle)  Power  Consumption < 35 W (printing), < 5.6 W (ready), < 2.1 W (sleep), < 0.2 W (standby)	Standard sheets	
Applications Linedrawings; Presentations; Renderings  Memory 1 GB Hard disk None  Connectivity  Interfaces Gigabit Ethernet (1 000 Base-T), Hi-Speed USB 2.0, Wi-Fi80 2.11 a/b /g/n, Wi-FiDirect  Native print languages HP-GUZ, HP-RTL, CALS G4, JPEG, URF  Printing paths Print Anywhere with HP Smart app, HP Click, HP driver for macOS, HP driver for Windows, printing support for Chrome OS, emal printing, HP Print Service Plugin for Android, Apple AiPrint  Drivers Raster driver for Windows and macOS  Dimensions (w xd xh)  Printer 1013 x 605 x 932 mm  Shipping 1155 x 575 x 475 mm  Weight  Printer 29.5 kg  Shipping 38 kg  What's in thebox HP Design Jet T650 24-in Printer, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink carridges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote printenabled Yes  One-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30%  Operating temperature 5 to 40°C  Operating temperature 2-25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), < 16 dB(A) (dile)  Sound power 5.8 B(A) (operating), < 3.4 B(A) (dile)  Power  Consumption < 35 W (printing), < 5.6 W (ready), < 2.1 W (sleep), < 0.2 W (standby)	Grammage	60 to 280 g/m² (roll/manual feed); 60 to 220 g/m² (auto sheet feeder)
Memory 1 GB Hard disk None  Connectivity Interfaces Gigabit Ethernet (1000Base-T), H-Speed USB 2.0, WI-FiB02.11a/b/g/n, WI-FiDirect Native print languages HP-GL/2, HP-RTL, CALS GA, JPEG, URF Printing paths Print Anywhere with HP Smart app, HP Click, HP driver for mac OS, HP driver for Windows, printing support for Chrome OS, emalprinting, HP Print Service Plugin for Android, Apple AirPrint  Drivers Raster driver for Windows and mac OS  Dimensions (wxd xh)  Printer 1013 x 605 x 932 mm  Shipping 1155 x 575 x 475 mm  Weight  Printer 29.5 kg Shipping 38 kg What's in the box HP Design Jet 16 50 24 in Printer, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord  HP Osftware and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote printenabled Yes One-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30% Operating temperature 5 to 40°C Operating temperature 25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), < 16 dB(A) (idle)  Sound power 5,8 B(A) (operating), < 3.4 B(A) (idle)  Power  Consumption < 35 W (printing), < 5.6 W (ready), < 2.1 W (sleep), < 0.2 W (standby)	Thickness	Up to 0.3 mm
Hard disk None  Connectivity  Interfaces Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, Wi-Fi802.11a/b/g/n, Wi-FiDirect  Native print languages HP-GL/2, HP-RTL, CALS G4, JPEG, URF  Printing paths Print Anywhere with HP Smartapp, HP Click, HP driver for macOS, HP driver for Windows, printing support for Chrome OS, email printing, HP Print Service Plugin for Android, Apple Air Print  Drivers Raster driver for Windows and macOS  Dimensions (wxd xh)  Printer 1013 x 605 x 932 mm  Shipping 115 x 575 x 475 mm  Weight  Printer 29.5 kg  Shipping 38 kg  What's in the box HP Design Jet T650 24-in Printe, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions Assistant  Remote printenabled Yes  Done-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30%  Operating temperature 5 to 40°C  Operating humidity 20 to 80% RH  Operating temperature -25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), < 1.6 dB(A) (idle)  Power  Consumption <35 W (printing), < 5.6 W (ready), < 2.1 W (sleep), < 0.2 W (standby)	Applications	Line drawings; Presentations; Renderings
Connectivity  Interfaces Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, Wi-FiB02.11a/b.j/n, Wi-FiDirect  Native print languages HP-GL/Z, HP-RTL, CALS GA, JPEG, URF  Print paths Print Samphere with HP Smart app, HP Click, HP driver for Windows, printing support for Chrome Os, emal printing, HP Print Service Plugin for Android, Apple AirPrint  Drivers Raster driver for Windows and macOS  Dimensions (wxd xh)  Printer 1013 x605 x932 mm  Shipping 1155 x575 x475 mm  Weight  Printer 29.5 kg  Shipping 38 kg  What's in the box HP Design Jet 1650 24-in Printer, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HC (ick, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote printenabled Yes  Environmental ranges  Recycled plastic in printer 30%  Operating temperature 5 to 40°C  Operating humidity 20 to 80% RH  Operating altitude Up to 3000 m  Storage temperature -25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), <1.6 dB(A) (idle)  Sound power 5.8 B(A) (operating), <3.4 B(A) (idle)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Memory	1 GB
Interfaces Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, Wi-Fi802.11a/b,g/n, Wi-FiDirect Native print languages HP-GL/Z, HP-RTL, CALS G4, JPEG, URF Printing paths Print Anywhere with HP Smart app, HP Click, HP driver for macOS, HP driver for Windows, printing support for Chrome OS, email printing, HP Print Service Plugin for Android, Apple AirPrint  Drivers Raster driver for Windows and macOS  Dimensions (w x d x h)  Printer 1013 x 605 x 932 mm  Shipping 1155 x 575 x 475 mm  Weight  Printer 29.5 kg  Shipping 38 kg  What's in the box HP Design Jet T650 24-in Printer, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote printenabled Yes One-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30% Operating temperature 5 to 40°C Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Operating altitude Up to 3000 m  Storage temperature -25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), <1.6 dB(A) (idtle)  Sound power 5.8 B(A) (operating), <3.4 B(A) (idtle)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Hard disk	None
Native print languages	Connectivity	
Printing paths Print Anywherewith HP Smart app, HP Click, HP driver for macOS, HP driver for Windows, printing support for Chrome OS, email printing, HP Print Service Plugin for Android, Apple AirPrint  Printer Row and MacOS  Printer 1013 x 605 x 932 mm  Shipping 1155 x 575 x 475 mm  Weight  Printer 29.5 kg  Shipping 38 kg  What's in the box HP Design Jet T650 24-in Printer, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink carridiges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote print enabled Yes  One-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30%  Operating temperature 5 to 40°C  Operating humidity 20 to 80% RH  Operating altitude Up to 3000 m  Storage temperature - 25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), < 16 dB(A) (idtle)  Sound power 5.8 B(A) (operating), < 3.4 B(A) (idtle)  Power  Consumption < 35 W (printing), < 5.6 W (ready), < 2.1 W (sleep), < 0.2 W (standby)	Interfaces	Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0, Wi-Fi802.11a/b/g/n, Wi-FiDirect
OS, email printing, HP Print Service Plugin for Android, Apple AirPrint  Printer Raster driver for Windows and macOS  Printer 1013 x 605 x 932 mm  Shipping 1155 x 575 x 475 mm  Weight  Printer 29,5 kg  Shipping 38 kg  What's in the box HP Design Jet T650 24-in Printer, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote print enabled Ves  One-click multi-size printing Ves  Environmental ranges  Recycled plastic in printer 30%  Operating temperature 5 to 40°C  Operating humidity 20 to 80% RH  Operating altitude Up to 3000 m  Storage temperature -25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), <1.6 dB(A) (idtle)  Sound power 5.8 B(A) (operating), <3.4 B(A) (idtle)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Native print languages	HP-GL/2, HP-RTL, CALS G4, JPEG, URF
Dimensions (w x d x h)           Printer         1013 x 605 x 932 mm           Shipping         1155 x 575 x 475 mm           Weight         Printer           Printer         29.5 kg           Shipping         38 kg           What's in thebox         HP Design Jet T650 24-in Printer, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord           HP Software and solutions         HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant           Remote printenabled         Yes           One-click multi-size printing         Yes           Environmental ranges         Recycled plastic in printer           Recycled plastic in printer         30%           Operating temperature         5 to 40°C           Operating humidity         20 to 80°K RH           Operating altitude         Up to 3000 m           Storage temperature         -25 to 55°C           Acoustics           Sound pressure         42 dB(A) (operating), <16 dB(A) (idle)	Printing paths	Print Anywhere with HP Smartapp, HP Click, HP driver formacOS, HP driver for Windows, printing support for Chrome OS, email printing, HP Print Service Plugin for Android, Apple AirPrint
Printer 1013×605×932 mm Shipping 1155×575×475 mm  Weight  Printer 29.5 kg Shipping 38 kg What'S in the box HP Design Jet T650 24-in Printer, printerstand, automatic sheet feeder, roll cover, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote print enabled Yes One-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30% Operating temperature 5 to 40°C Operating temperature 5 to 40°C Operating luttide Up to 3000 m  Storage temperature -25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), <16 dB(A) (idtle)  Sound power 5.8 B(A) (operating), <3.4 B(A) (idtle)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Drivers	Raster driver for Windows and macOS
Shipping 1155 x 575 x 475 mm  Weight  Printer 29.5 kg  Shipping 38 kg  What'sin thebox HP Design Jet T650 24-in Printer, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink carridges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote print enabled Yes One-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30% Operating temperature 5 to 40°C Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Operating altitude Up to 3000 m  Storage temperature - 2.5 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), <1.6 dB(A) (idte)  Sound power 5.8 B(A) (operating), <3.4 B(A) (idte)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Dimensions (w x d x h)	
Weight  Printer 29.5 kg  Shipping 38 kg  What's in the box	Printer	1013 x605 x932 mm
Printer 29.5 kg  Shipping 38 kg  What's in thebox HP Design Jet T650 24-in Printer, printer stand, automatic sheet feeder, roll cover, printhead, introductory ink cartridges, spindle, quick-reference guide, setup poster, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote print enabled Yes One-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30% Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Operating altitude Up to 3000 m  Storage temperature -25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), <16 dB(A) (idle)  Sound power 5.8 B(A) (operating), <3.4 B(A) (idle)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Shipping	1155 x 575 x 475 mm
Shipping 38 kg  What's in the box	Weight	
## PDesign Jet T650 24-in Printer, printerstand, automatic sheet feeder, roll cover, printhead, introductory ink cartridges, spindle, quick reference guide, setup poster, power cord  ## PSoftware and solutions  ## PC (Lick, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  ## Remote print enabled  ## Ves  ## One-click multi-size printing  ## Ves  ## PC (Lick, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Poster printer  ## Ves  ## PC (Lick, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Ves  ## Poster printer  ## Ves  ## PC (Lick, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Ves  ## Poster printer  ## Ves  ## PC (Lick, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Ves  ## Poster printer  ## Ves  ## POster Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Ves  ## Poster Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Ves  ## Poster Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Ves  ## Poster Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Ves  ## Poster Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Ves  ## Poster Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support  ## Poster Preview for Windows, HP Supp	Printer	29.5 kg
cartridges, spindle, quick reference guide, setup poster, power cord  HP Software and solutions HP Click, HP Smart app, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant  Remote print enabled Yes One-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30% Operating temperature 5 to 40°C Operating temperature 5 to 40°C Operating altitude Up to 3000 m Storage temperature - 25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), <16 dB(A) (idle)  Sound power 5.8 B(A) (operating), <3.4 B(A) (idle)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Shipping	38 kg
Assistant  Remote print enabled Yes One-click multi-size printing Yes  Environmental ranges  Recycled plastic in printer 30% Operating temperature 5 to 40°C Operating humidity 20 to 80% RH Operating altitude Up to 3000 m  Storage temperature -25 to 55°C  Acoustics  Sound pressure 42 dB(A) (operating), <16 dB(A) (idle)  Sound power 5.8 B(A) (operating), <3.4 B(A) (idle)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	What's in the box	
One-clickmulti-sizeprinting Ves           Environmental ranges           Recycled plastic in printer 30%           Operating temperature 5 to 40°C           Operating humidity 20 to 80% RH           Operating altitude Up to 3000 m           Storage temperature - 25 to 55°C           Acoustics           Sound pressure 42 dB(A) (operating), < 16 dB(A) (idte)	HP Software and solutions	HP Click, HP Smartapp, HP Print Preview for Windows, HP Easy Start, HP Design Jet Utility for Windows, HP Support Assistant
Environmental ranges           Recycled plastic in printer         30%           Operating temperature         5 to 40°C           Operating humidity         20 to 80%RH           Operating altitude         Up to 3000 m           Storage temperature         -25 to 55°C           Acoustics           Sound pressure         42 dB(A) (operating), <16 dB(A) (idle)		
Recycled plastic in printer 30% Operating temperature 5 to 40°C Operating humidity 20 to 80%RH Operating altitude Up to 3000 m Storage temperature -25 to 55°C  Acoustics Sound pressure 42 dB(A) (operating), <16 dB(A) (idle) Sound power 5.8 B(A) (operating), <3.4 B(A) (idle)  Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	One-click multi-size printing	Yes
Operating temperature         5 to 40 °C           Operating humidity         20 to 80 °K H           Operating altitude         Up to 3000 m           Storage temperature         -25 to 55 °C           Acoustics           Sound pressure         42 dB(A) (operating), <16 dB(A) (idle)	Environmental ranges	
Operating humidity         20 to 80% RH           Operating altitude         Up to 3000 m           Storage temperature         -25 to 55°C           Acoustics           Sound pressure         42 dB(A) (operating), <16 dB(A) (idle)	Recycled plastic in printer	30%
Operating altitude         Up to 3000 m           Storage temperature         -25 to 55°C           Acoustics           Sound pressure         42 dB(A) (operating), <16 dB(A) (idle)	Operating temperature	5 to 40°C
Storage temperature	Operating humidity	20 to 80% RH
Acoustics           Sound pressure         42 dB(A) (operating), <16 dB(A) (idle)	Operating altitude	Up to 3000 m
Sound pressure         42 dB(A) (operating), <16 dB(A) (idle)	S to rag e temperature	-25 to 55°C
Sound power         5.8 B(A) (operating), < 3.4 B(A) (idle)	Acoustics	
Power  Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Sound pressure	42 dB(A) (operating), <16 dB(A) (idle)
Consumption <35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)	Sound power	5.8 B(A) (operating), < 3.4 B(A) (idle)
	Power	
Requirements Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1200 mA max	Consumption	<35 W (printing), <5.6 W (ready), <2.1 W (sleep), <0.2 W (standby)
	Requirements	Input voltage (auto ranging): 100-240 V (±10%), 50/60 Hz (±3 Hz), 1200 mA max

#### Certification

Safety	USA and Canada (CSA certified); EU (LVD, EN 60950-1 and EN 62368-1 compliant); Russia, Belarus, Khazakstan (EAC); Ukraine (UA); Singapore (PSB); China (CCC); Argentina (IRAM); India (BIS); Mexico (NYCE)
Electromagnetic	Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC/RED Directives), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class B product: Korea (KCC)
Environmental	ENERGY STAR; WEEE; EUROHS; EAEUROHS; REACH; ErP; EPEAT Gold
Warranty	Two-year limited hardware warranty.

# Ordering information

#### Product

Accessories			
B3Q36A	HP Design Jet 24-in Spindle		
Original HP printing supplies			
3ED58A 3ED67A	HP 713 Design Jet Printhead Replacement Kit HP 712 29-ml Cyan Design Jet ink Cartrid ge		
3ED68A	HP 712 29-ml Magenta Design Jet Ink Cartridge		

HP 712 29-ml Yellow Design Jetink Cartridge HP 712 38-ml Black Design Jetink Cartridge HP 712 80-ml Black Design Jetink Cartridge HP 712 3-pack 29-ml Cyan Design Jetink Cartridge HP 712 3-pack 29-ml Yellow Design Jetink Cartridge HP 712 3-pack 29-ml Yellow Design Jetink Cartridge 3ED69A 3ED70A 3ED71A 3ED77A 3ED78A 3ED79A

HP Design Jet T650 24-in Printe

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/Original HP inks.

#### Original HP large format printing materials

01396A HP Universal Bond Paper (FSC® certified)<sup>5</sup> (recyclable)<sup>6</sup> 610 mm x 45.7 m C6019B HP Coated Paper (FSC® certified)<sup>5</sup> (recyclable)<sup>6</sup> 610 mm x 45.7 m C6029C HP Heavyweight Coated Paper (FSC® certified)<sup>5</sup> (recyclable)<sup>6</sup> 610 mm x 30.5 m

#### $For the entire HP Large Format Printing \, Materials \, portfolio, \, please \, see \, HPLF Media. com.$ Service and Support

UDSH6PE HP 1 year Post Warranty Next Business Day Hardware Support for Design Jet T650 24-in UDSH7PE HP 2 year Post Warranty Next Business Day Hardware Support for Design Jet T650 24-in UDSH7PE HP 2 year Post Warranty Parts Coverage Hardware Support for Design Jet T650 24-in UDSH3PE HP 1 year Post Warranty Parts Coverage Hardware Support for Design Jet T650 24-in UD6C4E HP 3 year Next Business Day Hardware Support for Design Jet T650 24-in UD6C4E HP 3 year Next Business Day Hardware Support for Design Jet T650 24-in UD6C6E HP 3 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 3 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 4 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts Coverage Hardware Support for Design Jet T650 24-in UD6C6E HP 5 year Parts C

# ECO highlights

- ENERGY STAR® certified 1 and EPEAT® Gold registered 2
- Free, convenient HP ink cartridge recycling <sup>3</sup> FSC\*-certified papers and arange of recyclable HP media with a take-back program <sup>4</sup> Reduces CO2 eup to 7.3 tons/year by units sold by using up to 30% recycled plastic <sup>5</sup>

Please recycle printing hardware and eligible printing supplies and prints. Find out how at our website: http://www.hp.com/ecosolutions

ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S.

<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\* registered where applicable. EPEAT registration varies by country. See http://www.ppc.gethartonstatus by country.

<sup>3</sup> Visit http://www.hp.com/recycle to see how to participate and for HP Planet Partners program feetures and availabling; program may not be available in your area.

<sup>4</sup> BMG trademark it ensecode FSC\*\*C: 115319, see http://www.fsc.org. HP trademark license code FSC\*\*C: 017543, see http://www.fsc.org. http://www.fsc.org. HP trademark license code FSC\*\*C: 017543, see http://www.fsc.org. http://www.f

1 Mechanical printing time. Printed in Fastmode with Economode on, using HP Bright White Inkjet Paper (bond) and Original HP inks. Actual performance may vary based on a variety of conditions, including but not limited to network configuration.

2 calculation done taking in the account two normal printhead cleanings and ink on an A1 CAD drawing with black and colour lines and a pixel coverage of 5.2%.

3 ±0.1% of the specified vector length or ±0.2 mm (whichever greater) at 23 °C, 50-60% relative humidity, on A0 printing material in Best or Normal mode with HP Heavyweight Coated roll feed and Original HP inks.

4 With HP Premium Instant Dry Photo Gloss media with Original HP inks.

5 BMG trademark license code FSC °C. C115319, see http://www.fsc.org. HP trademark license code FSC °C. C017543, see http://www.fsc.org.

6 can be recycled through commonly available recycling programs.

























