HP Latex 800 Printer

Grow with high-value jobs and high-productivity printing—and sharpen your sustainability edge





Win the high-value jobs you are after

- Deliver vivid colors at high speed and get striking contrast using pure blacks.
- Expect reliable, sharp 4-point text with HP Latex printheads featuring 10-picoliter ink drops.
- Choose from a wide application range covering banners/textiles/poster paper, canvas, wallpaper, and vinyl.

Robust, smart, and productive printing

- Drive high productivity with saturated color at speeds up to 388 ft²/hr outdoor¹, easy spindleless loading.
- Control print operations virtually anytime, anywhere with HP PrintOS tools, and grow with HP Learn trainings
- Work fast processing reprints and multi-copy jobs with a smart front panel, and store up to 100 jobs.
- Help reduce running costs with cost-effective 3liter HP ink cartridges, changed while the printer runs.

GO BEYOND—Lead with environmental certifications²

- Contribute to a comfortable³ working environment with water-based HP Latex Ink technology.
- Differentiate your business with environmental certifications²—including UL ECOLOGO^{®4} and EPEAT.5
- Access the most sensitive spaces with odorless prints³ and compatibility with a wide range of alternative substrates.6
- Reduce your plastics consumption with cartonbased cartridge⁷ and labelless supplies; free recycling via HP Planet Partners.⁸

For more information, please visit http://www.hp.com/go/latex800series

Join the community, find tools, and talk to experts. Visit the HP Latex Knowledge Center at https://lkc.hp.com/

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

⁷ Applicable to HP 832. Plastic reduction based on moving from plastic ink cartridge to cardboard ink cartridges, with annual manufacturing saving of 33 tons of plastic based on average units of HP 831 and HP 831A ink

cartridges from 2018 to 2020. ⁸ Program availability varies. For details, see https://hp.com/hprecycle

¹ Outdoor mode (Banner) 4-pass, 100%. Based on internal HP testing in September 2020 on Avery 3001. Print speed may vary due to the adaptive printing mechanism to avoid image quality defects.

² Outdoor mode (Bahner) 4-pass, 100%. Based on Internal HP testing in September 2020 on Avery 3001. Print speed may vary due to the adaptive printing mechanism to avoid image quality defects. ² Based on internal competitive analysis with public information. Applicable to HP Latex technology compared to competitive large format printing alternatives using solvent and UV technologies. See individual product data sheets for more information at https://hp.com/go/latex

³ Applicable to HP Latex Inks. Based on sensory evaluations conducted by Odournet, done according to VDI Guideline 3882 where 832 and 873 inks were characterized as "weak" in odor intensity and "neutral" for hedonic tone. There is a broad set of media with very different odor profiles. Some of the media can affect the odor performance of the final print.

⁴ UL ECOLOGO® Certified HP 832, HP 872, HP 873, and 882 Latex Inks and HP 864, 865, 865, 866, 867, 869, and 870 PageWide XL Inks meet a range of stringent human health and environmental considerations. Verified as of the publishing date in September 2023. For more details, please refer to the UL ECOLOGO® database at https://spot.ul.com/main-app/products/catalog/ or see https://www.ul.com/EL ⁵ Applicable to select HP Latex printers. EPEAT registered where applicable/supported. See https://epeat.net for registration status by country.

⁶ HP applications experts have evaluated the catalog of media listed in the HP Media Locator based on internal criteria to identify those that provide alternative solutions with certain environmental benefits compared to the typical media within the same application type. The information in media locator is provided by the media substrate vendors. HP is not responsible for the veracity of the information from third-party companies published on the HP website. See https://www.hp.com/go/mediasolutionslocator

Technical specifications

388 ft?/br - high Speed (4-pass) 215 ft?/br - Production Quality, Texilies and Backlis 16-pass) 131 ft?/br - high Saturation (12-pass) 131 ft?/br - high Saturation (12-pass) 131 ft?/br - high Saturation (12-pass) 151 ft?/br - high Saturati	Print	· ·
Ink types Water-based HP Latex Inks ink cartridges 8 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Latex Overcoat) Cartridge size 3 L Printheads 8 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, 1 HP Latex Optimizer, 1 HP Latex Overcoat) Covercoat) Redia Handling Roll feed, taleu-up reel, wiger roller ³ , media save; automatic horizontal cutter (for vinyl, banner and carwes ⁶ , paper-based media, and film) Media types Barners, self-adhesive vinyls, films, fabrics, papers, wall coverings, canvas, synthetics, mesh, textiles ⁵ Roll size 16.5 to 64-in rolls (21 to 64-in rolls with full support) Maximum roll diameter 9.8 in Thickness Up to 19.7 ml Applications Barners, Displays, Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light bases - film; Light boxes - paper, Murals; PD/P/DS; Posters; Textle; Vehicle graphics; Window graphics; Strkers Connectivity Finterfaces Gigabit Ethernet (1000Base-T) Dimensions (W x D x H) Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer 644 lb Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer 59.10 bB/M H (non-condensing) Accustics Consectivity Consectivity 20 to 80% Printee, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holder, quick reference guide, documentation software, power cords, air purgers, 2-in spindl adapter, Consectivity Consumption 1.5-2.5 kW (5 kW peak) (crinting), 105 W (ready), <4.7 W ⁶ (sleep) (<2 4 W ⁷ with DFE), <0.25 W (off Requirements Consective Cords, air purgers, 2-in spindl adapter, Sudd (sleep) Sound power 7.8 B(A) (logerating), 35.5 B(A) (slee), <2.3 B(A) (sleep) Power Corsumption 1.5-2.5 kW (5 kW peak) (crinting), 105 W (ready), <4.7 W ⁶ (sleep) (<2 4 W ⁷ with DFE), <0.25 W (off Requirements Compliant, Heets AgBe holder), Russia, Belarus, and Kazaktstan (EAC), thuna (CCC) Exervormantal and Hevz Zalada (RCM), Japan VCO, K	Printing modes	388 ft²/hr - High Speed (4-pass) 269 ft²/hr - Production (Datility, Textiles and Backlits (8-pass) 215 ft²/hr - Production Quality, Textiles and Backlits (8-pass) 133 ft²/hr - High Saturation (12-pass)
Actividges 8 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Latex Overcoat) Cartridge size 3 L Printheads 8 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, 1 HP Latex Optimizer, 1 HP Latex Overcoat) Long-term print-to-print/95% of colors s 1.5 dE2000 ² repeatability Media Handing Roll feed, take-up reet, wiper roller ³ , media saver, automatic horizontal cutter (for vinyl, banner and canwas ⁴ , paper-based media, and film) Media types Banners, self-adhesive vinyls, films, flabrics, papers, wall coverings, canvas, synthetics, mesh, textiles ³ Roll feed, take-up reet, wiper roller ³ , media saver, automatic horizontal cutter (for vinyl, banner and canwas ⁴ , paper-based media, and film) Media types Banners, Self-adhesive vinyls, films, flabrics, papers, wall coverings, canvas, synthetics, mesh, textiles ³ Roll feed, take-up reet, wiper roller ³ , media saver, automatic horizontal cutter (for vinyl, banner and canwas ⁴ , paper-based media, and film) Maximum roll dameter 9.8 in Thekness Up to 19.7 ml Applications Banners: Display: Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration, Light bases - film; Light boxes - paper, Murais; POMPDGS; Posters; Textile; Vehicle graphics; Window graphics; Strkers Connectivity Inter 4.43.3 x 65.6 in Dimensions (W x D x H)	Print resolution	Up to 1200 x 1200 dpi
Cartridge size 3 L Printheads B (2 cyan/black, 2 magental/yellow, 2 light cyan/light magenta, 1 HP Latex Optimizer, 2 HP Singhi Optimizer, 1 HP Latex Optimizer, 2 HP Singhi Optimizer, 1 HP Latex Optimizer, 1 HP Latex Optimizer, 2 HP Singhi Optimizer, 1 HP Latex Optimizer, 1 HP Latex Optimizer, 2 HP Singhi Optimizer, 2 HP Singhi Optimizer, 1 HP Latex Optimizer, 2 HP Singhi Optimizer, 2 HP Singhi Optic HP Hatex HP Hatex Distremanicer and Hedge Indecer,	Ink types	
Printheads 8 (2 cyan/black, 2 magenta/yellow, 2 light cyan/light magenta, 1 HP Latex Optimizer, 1 HP Latex Overcoad1 Vercoad1 Long-term print-to-print95% of colors s 1.5 dE2000 ² repetability Roll feed, take-up reel, wiper roller ³ , media saver, automatic horizontal cutter (for vinyl, banner and canvas ⁴ , paper-based media, and film) Media Barners, self-adhesive vinyls, films, fabrics, papers, wall coverings, canvas, synthetics, mesh, textiles ³ Roll size 16.5 to 64-in rolls (23 to 64-in rolls with full support) Maximum roll weight 121 lb Maximum roll weight 121 lb Maximum roll weight 121 lb Phickerss Up to 19.7 mil Applications Banners, Displays, Exhibition and event graphics, Exterior signage; Indoor posters, Interior decoration; Light boxes-10. Dimensions (W × D × H) Printer Tol.7 × 34.1 × 55.2 in Shipping 100x + 2.7 in Weight Printer 64.4 lb Shipping 96.0 lb What's in the box HP Latex 800 Printer, printheads, maintenance carridge, printer stand, take-up reel, media feed accessory, User minitenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges 50 to 60%F	Ink cartridges	8 (black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer, HP Latex Overcoat)
Long-term print-to-print95% of colors s 1.5 dE2000 ² Prepetability Media Roll feed, take-up reel, wiper roller ³ , media saver, automatic horizontal cutter (for vinyl, banner and canvas ⁴ , paper-based media, and film) Media types Banners, self-adhesive vinyls, films, fabrics, papers, wall coverings, canvas, synthetics, mesh, textiles ⁵ Roll size 16.5 to 64-in rolls (23 to 64-in rolls with full support) Maximum roll diameter 9.8 in Thickness Up to 19.7 mil Applications Banners, Deplays, Exhibition and event graphics, Exterior signage; Indoor posters, Interior decoration; Liph boxes - film; Liph toxes - paper, Murals, POP/POS, Posters, Textle; Vehicle graphics; Window graphics; Stickers Connectivity Interfaces Gigabit Ethernet (1000Base-1) Dimensions (W × D × H) Printer 10.7, x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer 644 lb Shipping 960 lb What's in the box What's in the box Up to 80% FO Operating area 100 x 80, ary maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-sin spindle adaptor Environmental ranges Operating indice Add (See Add) (del, <20 dB(A) (sleep) Power Consumption 1.5-2.5 kW (5 kW peak) (grinting), 105 W (ready), <4.7 W ⁶ (sleep) (<24 W ⁷ with DFE), <0.25 W (off Requirements Input voltage (duot ranging) 200-240 V two wires and PE; 50/60 Hz (c34 Hz); two power cords, 16 A max per power cord; Environmental Res 25, 200-240 V two wires and PE; 50/60 Hz (c34 Hz); EU (UV, EU) Externange AD (200 adapt and EX), 200-240 V two wires and PE; 50/60 Hz (c34 Hz); EU (UV, EU) Externange AD (200 adapt and EX), 200-240 V two wires and PE; 50/60 Hz (c34 Hz); EU (UV, EU) Externange AD (200 adapt and EX), 200-240 V two wires and PE; 50/60 Hz (231 ExeR); EU (UV, EC) Externange AD (200 adapt and Revior), 200-240 V two wires and PE; 50/60 Hz (231 ExeR); EU (UV, EC) Externange AD (200 adapt and Revior), 200-240 V two wires and PE; 50/60 Hz (231 ExeR); EU (UV, EC) Externange AD (EC) S050-1+A1+A2 compliant; EC 62368	Cartridge size	3L
Preprint Prepri Preprint Preprint Preprint Preprint Preprint Preprint Preprint	Printheads	
Handling Roll feed, take-up reel, wiper roller ³ , media saver, automatic horizontal cutter (for vinyl, banner and carwas ⁴ , paper-based media, and film) Media types Banners, self-adhesive vinyls, films, fabrics, papers, wall coverings, carwas, synthetics, mesh, textiles ³ Roll size 16.5 to 64-in rolls (23 to 64-in rolls with full support) Maximum roll weight 121 lb Maximum roll diameter 9.8 in Applications Banners, Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers Connectivity Inter 101.7 x 34.1 x 55.2 in Dimensions (W x D x H) Printer 101.7 x 34.1 x 55.2 in Sinpping 960 lb What's in the box Weight Printer Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printe; printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature 5 to 86FF Operating, 1.5 -2.5 kW (5 kW peek) (printing), 105 W (ready), <4.7 W ⁶ Sleep) (<24 W ⁷ with DFE), <0.25 W (off Requirements)	Long-term print-to-prin repeatability	t95% of colors ≤ 1.5 dE2000 ²
and carvas ⁴ , paper-based media, and film) Media types Banners, self-adhesive viryls, films, fabrics, papers, wall coverings, carvas, synthetics, mesh, textiles ⁵ Roll size 16.5 to 64-in rolls (23 to 64-in rolls with full support) Maximum roll weight 121 lb Maximum roll weight 121 lb Applications Banners, Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration: Light boxes - him: Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers Connectivity Interfaces Gigabit Ethernet (1000Base-T) Dimensions (W × D × H) Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight What's In the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating humidity 20 to 80% RH (non-condensing) Accustics Gidb(A) (operating), 38 dB(A) (dte), <20 dB(A) (sleep)	Media	
textiles ⁵ Roll size 16.5 to 64-in rolls (23 to 64-in rolls with full support) Maximum roll weight 121 lb Maximum roll diameter 9.8 in Thickness Up to 19.7 mil Applications Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers Connectivity Interfaces Gigabit Ethernet (1000Base-T) Dimensions (W × D × H) Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area Operating area 110 x 82.7 in Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spintle adaptor Environmental ranges 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Handling	
Maximum roll weight 121 lb Maximum roll diameter 9.8 in Thickness Up to 19.7 mil Applications Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - Inlm; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers Connectivity Interfaces Gigabit Ethernet (1000Base-T) Dimensions (W × D × H) Printer 101.7 × 34.1 × 55.2 in Shipping 108.4 × 43.3 × 65.6 in Operating area 110 × 82.7 in Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature 59 to 86°F Operating temperature 59 to 86°F Consumption 1.5-2.5 kW (5 kW peak) (printing), 105 W (ready), <4.7 W ⁶ (sleep) (<24 W ⁷ with DFE), <0.25 W (off Requirements Input voltage (auto ranging) 200-240 V two wires and PE; 50/60 Hz (±3 Hz); two power cords; 16 Amax per power cord Certification Safety IC 60950-1+A1 +A2 compliant; IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVD, EN Safety IC 60950-1 +A1 +A2 compliant; IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVD, EN Safety IC 60950-1 and EN 62368-1 compliant; Russia, Belarus, and Kazakhstan (EAC); China (CCC) Environmental EN 62368-1 compliant; Russia, Belarus, and Kazakhstan (EAC); China (CCC) Environmental EN 62368-1 compliant; Russia, Belarus, and Kazakhstan (EAC); China (CCC) Environmental EN 62368-1 compliant; Russia, Belarus, and Kazakhstan (EAC); China (CCC) Environmental EN 62368-1 compliant; Russia, Belarus, and Kazakhstan (EAC); China (CCC) Environmental EN 62368-1 compliant; Russia, Belarus, and Kazakhstan (EAC); China (CCC) Environmental EN 62368-1 compliant; Russia, Belarus, and Kazakhstan (EAC); China (CCC) Environmental EN 62368-1 compliant; Russia, Belarus, and Kazakhstan	Media types	
Maximum roll diameter 9.8 in Thickness Up to 19.7 mil Applications Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers Connectivity Interfaces Gigabit Ethernet (1000Base-T) Dimensions (W x D x H) Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature 59 to 86%F Operating temperature 59 to 86%F Operating temperature 50 to Bd(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Roll size	16.5 to 64-in rolls (23 to 64-in rolls with full support)
Thickness Up to 19.7 mil Applications Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers Connectivity Interfaces Gigabit Ethernet (1000Base-T) Dimensions (W x D x H) Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating humidity 20 to 80% RF (non-condensing) Accoustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep) (<24 w ⁷ with DFE), <0.25 w (off: nax may prower cords; 16 A may per power cord Cartification 1.5-2.5 kW (5 kW peak) (printing), 105 W (ready), <4.7 W ⁶ (sleep) (<24 w ⁷ with DFE), <0.25 W (off: A may per power cord 250/60 Hz (±3 Hz); two power cords; 16 A may per power cord Safety IEC 60950-1+A1+A2 compliant; IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVO, EN 60950-1 and EN 62368-1 complian	Maximum roll weight	121 lb
Applications Banners; Displays; Exhibition and event graphics; Exterior signage; Indoor posters; Interior decoration; Light boxes - film; Light boxes - paper; Murals; PDP/PDS; Posters; Textile; Vehicle graphics; Window graphics; Stickers Connectivity Interfaces Gigabit Ethernet (1000Base-T) Dimensions (W x D x H) Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Maximum roll diameter	9.8 in
decoration; Light boxes - flm; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle graphics; Window graphics; Stickers Connectivity Interfaces Gigabit Ethernet (1000Base-T) Dimensions (W x D x H) Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Thickness	Up to 19.7 mil
Interfaces Gigabit Ethernet (1000Base-T) Dimensions (W × D × H) Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer 644 lb Shipping Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature S9 to 80% RH (non-condensing) Acoustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Applications	decoration; Light boxes - film; Light boxes - paper; Murals; POP/POS; Posters; Textile; Vehicle
Dimensions (W × D × H) Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer 644 lb Shipping Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Connectivity	
Printer 101.7 x 34.1 x 55.2 in Shipping 108.4 x 43.3 x 65.6 in Operating area 110 x 82.7 in Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Interfaces	Gigabit Ethernet (1000Base-T)
Shipping 108.4 × 43.3 × 65.6 in Operating area 110 × 82.7 in Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature Sy to 86% F Operating humidity 20 to 80% RH (non-condensing) Acoustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Dimensions (W x D >	< H)
Operating area 110 x 82.7 in Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature S9 to 86%F Operating humidity 20 to 80% RH (non-condensing) Accustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Printer	101.7 x 34.1 x 55.2 in
Weight Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature S9 to 86%F Operating temperature S0 db (A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Shipping	108.4 x 43.3 x 65.6 in
Weight Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature 59 to 86%F Operating temperature 59 to 86%F Operating humidity 20 to 80% RH (non-condensing) Acoustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Operating area	110 x 82.7 in
Printer 644 lb Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Dperating temperature 59 to 86% F Operating humidity 20 to 80% RH (non-condensing) Accustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	· · · · · · · · · · · · · · · · · · ·	
Shipping 960 lb What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature 59 to 86% F Operating temperature 59 to 80% RH (non-condensing) Acoustics Acoustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	-	644 lb
What's in the box HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software, power cords, air purgers, 2-in spindle adaptor Environmental ranges Operating temperature 59 to 86°F Operating temperature 59 to 86°F Operating humidity 20 to 80% RH (non-condensing) Acoustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	-	
Operating temperature 59 to 86°F Operating humidity 20 to 80% RH (non-condensing) Acoustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	What's in the box	HP Latex 800 Printer, printheads, maintenance cartridge, printer stand, take-up reel, media feed accessory, user maintenance kit, edge holders, quick reference guide, documentation software,
Operating humidity 20 to 80% RH (non-condensing) Acoustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Environmental rang	es
Acoustics Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Operating temperature	59 to 86°F
Sound pressure 60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)	Operating humidity	20 to 80% RH (non-condensing)
Sound power 7.8 B(A) (operating), 5.5 B(A) (idle), <3.5 B(A) (sleep)	Acoustics	
Power Consumption 1.5-2.5 kW (5 kW peak) (printing), 105 W (ready), <4.7 W ⁶ (sleep) (<24 W ⁷ with DFE), <0.25 W (off.	Sound pressure	60 dB(A) (operating), 38 dB(A) (idle), <20 dB(A) (sleep)
Power Consumption 1.5-2.5 kW (5 kW peak) (printing), 105 W (ready), <4.7 W ⁶ (sleep) (<24 W ⁷ with DFE), <0.25 W (off.	Sound power	7.8 B(A) (operating), 5.5 B(A) (idle), <3.5 B(A) (sleep)
Consumption 1.5-2.5 kW (5 kW peak) (printing), 105 W (ready), <4.7 W ⁶ (sleep) (<24 W ⁷ with DFE), <0.25 W (off:	Power	· · · · · · · · · · · · · · · · · · ·
Requirements Input voltage (auto ranging) 200-240 V two wires and PE; 50/60 Hz (±3 Hz); two power cords; 16 A max per power cord Certification IEC 60950-1+A1+A2 compliant; IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVD, EN 60950-1 and EN 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC); China (CCC) Electromagnetic Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCC), Korea (KCC), China (CCC) Environmental ENERGY STAR®, ROHS (WEEE, EU, EAEU, China, Korea, India, Ukraine, Turkey), REACH, EPEAT, OSHA, CE marking compliant, Meets AgBB criteria, French VOC A+, UL GREENGUARD Gold, UL ECOLOGO		1.5-2.5 kW (5 kW peak) (printing), 105 W (ready). <4.7 W ⁶ (sleep) (<24 W ⁷ with DFF). <0.25 W (off)
Safety IEC 60950-1+A1+A2 compliant; IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVD, EN 60950-1 and EN 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC); China (CCC) Electromagnetic Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCC), Korea (KCC), China (CCC) Environmental ENERGY STAR®, RoHS (WEEE, EU, EAEU, China, Korea, India, Ukraine, Turkey), REACH, EPEAT, OSHA, CE marking compliant, Meets AgBB criteria, French VOC A+, UL GREENGUARD Gold, UL ECOLOGO	Requirements	Input voltage (auto ranging) 200-240 V two wires and PE; 50/60 Hz (±3 Hz); two power cords; 16
60950-1 and EN 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC); China (CCC) Electromagnetic Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC), China (CCC) Environmental ENERGY STAR®, ROHS (WEEE, EU, EAEU, China, Korea, India, Ukraine, Turkey), REACH, EPEAT, OSHA, CE marking compliant, Meets AgBB criteria, French VOC A+, UL GREENGUARD Gold, UL ECOLOGO	Certification	
Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC), China (CCC) Environmental ENERGY STAR®, RoHS (WEEE, EU, EAEU, China, Korea, India, Ukraine, Turkey), REACH, EPEAT, OSHA, CE marking compliant, Meets AgBB criteria, French VOC A+, UL GREENGUARD Gold, UL ECOLOGO	Safety	IEC 60950-1+A1+A2 compliant; IEC 62368-1 compliant; USA and Canada (CSA listed); EU (LVD, EN 60950-1 and EN 62368-1 compliant); Russia, Belarus, and Kazakhstan (EAC); China (CCC)
CE marking compliant, Meets AgBB criteria, French VOC A+, UL GREENGUARD Gold, UL ECOLOGO	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), Japan (VCCI), Korea (KCC), China (CCC)
Warranty One-year limited hardware warranty	Environmental	ENERGY STAR [®] , RoHS (WEEE, EU, EAEU, China, Korea, India, Ukraine, Turkey), REACH, EPEAT, OSHA, CE marking compliant, Meets AgBB criteria, French VOC A+, UL GREENGUARD Gold, UL ECOLOGO
	Warranty	One-year limited hardware warranty

Ordering information

Product	
YOU21A	HP Latex 800 Printer
Accessories	
21V10A 421S3A 7HR16A 7HR18A 7HR19A T7U73A	HP Latex 600/700/800 User Maintenance Kit HP Latex Media Feed Accessory HP Latex 700/800 Exitle Kit Accessory HP Latex 700/800 Ink Collector Foams Kit HP Latex 500/700/800 Media Loading Accessory HP Latex 500/700/800 Wiper Roller
Original HP p	inting supplies
4UU94A 4UV84A 4UV85A 4UV86A 4UV86A 4UV87A 4UV89A 4UV90A 4UV90A 4UV91A 4UV95A 4UIV96A	HP 836 Optimizer Latex Printhead HP 873 3-liter Black Latex Ink Cartridge HP 873 3-liter Cyan Latex Ink Cartridge HP 873 3-liter Yellow Latex Ink Cartridge HP 873 3-liter Light (Yan Latex Ink Cartridge HP 873 3-liter Light Kogen Latex Ink Cartridge HP 873 3-liter Cybrinizer Latex Ink Cartridge HP 873 3-liter Optimizer Latex Ink Cartridge HP 873 3-liter Optimizer Latex Ink Cartridge HP 873 8-liter Optimizer Latex Ink Cartridge HP 836 Black/Cyan Latex Printhead HP 836 Black/Cyan Latex Printhead

4UV97A 4UV98A HP 836 Light Cyan/Light Magenta Latex Printhead HP 836 Overcoat Latex Printhead

4UU96A HP 836 Latex Maintenance Cartridge

Original HP large format printing materials

HP PVC-free Wallpaper (UL GREENGUARD GOLD Certified⁸, FSC® certified⁹, meets AgBB criteria¹⁰)

HP Photo-realistic Poster Paper HP Premium Satin Canvas HP Prime Matte Air GP (REACH compliant¹¹)

HP Premium Removable Gloss Adhesive Vinyl (REACH compliant¹¹)

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

Service and Support

U13DBE HP 2 year Next Business Day with Defective Media Retention U13DGE HP 3 year Next Business Day with Defective Media Retention U13DLPE HP 1 year Post Warranty Next Business Day with Defective Media Retention U13DRPE HP 2 year Post Warranty Next Business Day with Defective Media Retention

¹ Print speeds may vary due to the adaptive printing mechanism to avoid image quality defects.
² The color variation between printed jobs has been measured at 12 pass mode on vinyl media. Reflective

⁴ The color variation between printed jobs has been measured at 12 pass mode on vinyl media. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard D5 014-6/E:2012. 5% of colors may experience variations above 1.5 dE2000. Backlit substrates measured in transmission mode may yield different results.
³ Wiper roller is an optional accessory.
⁴ Automatic horizontal cutter is for use with thinner banners and canvas only. It is recommended to perform a test.
⁵ Textile Kit Accessory required for long runs of textile and porous textile.
⁶ Excluding Type 2 DFE (Digital Front End) as defined in Energy Star[®] Product Specification for Imaging Equipment version 3.1.

version 3.1. ³ Total power measured in sleep mode including the Digital Front End contained on the product.
 ⁸ UL GREENGUARD Gold Certification to UL 2818 demonstrates that products are certified to UL's GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit

Stations for two Chemical emissions into moor an during product usage. For more information, visit http://www.ucom/go or http://www.greenguard.org ⁹ Trademark license code FSC-C115319. 10 With HP Latex Inks, prints meet AgBB criteria for health-related evaluation of VOC emissions. See http://urweltbundesamt.de/en/topics/health/commissions-working-groups/committee-for-health-related-

¹¹ This product does not contain substances listed as SVHC (155) per Annex XIV of the EU REACH directive published as of June 16, 2014 in concentrations exceeding 0.1%. To determine the status of SVHC in HP products, see the HP REACH Declaration published at HP Printing Products and Consumable Supplies.





