



Technical specifications

Printing	Printing modes	48 m²/hr (517 ft²/hr) - Billboard (2 pass) 16 m²/hr (174 ft²/hr) - Outdoor Plus (6 pass) 12 m²/hr (129 ft²/hr) - Indoor Quality (8 pass) 10 m²/hr (108 ft²/hr) - Indoor High Quality (10 pass) 6 m²/hr (65 ft²/hr) - Backlits, Textiles, and Canvas (16 pass) 5 m²/hr (54 ft²/hr) - High Saturation Textiles (20 pass)
	Print resolution	Up to 1200 x 1200 dpi
	Ink types	HP Latex Inks
	Ink cartridges	Black, cyan, light cyan, light magenta, magenta, yellow, HP Latex Optimizer
	Cartridge size	775 ml
	Printheads	6 (2 cyan/black, 2 magenta/yellow, 1 light magenta/light cyan, 1 HP Latex Optimizer)
	Color consistency	<= 2 dE (95% colors) <= 1 dE average ¹⁵
Media	Handling	Roll feed; take-up reel (optional)
	Media types	Banners, self-adhesive vinyls, films, papers, wallcoverings, canvas, synthetics, (fabrics, mesh, textiles and any other porous materials require a liner)
	Roll size	254 to 1371-mm (10 to 54-in) rolls (580 to 1371-mm (23 to 54-in) rolls with full support)
	Roll weight	25 kg (55 lb)
	Roll diameter	180 mm (7.1 in)
	Thickness	Up to 0.5 mm (19.7 mil)
Applications		Banners, Displays, Exhibition, Event graphics, Exterior signage, Indoor posters, Interior decoration, Light boxes – film, Light boxes – paper, Murals, POP/POS, Posters, Vehicle graphics
Connectivity	Interfaces (standard)	Gigabit Ethernet (1000Base-T)
Dimensions (w x d x h)	Printer	2307 x 840 x 1380 mm (91 x 33 x 54 in)
	Shipping	2541 x 760 x 1250 mm (100.1 x 30 x 49.3 in)
Weight	Printer	174 kg (384 lb)
	Shipping	257.5 kg (568 lb)
What's in the box		HP Latex 310 Printer, printheads, maintenance cartridge, printer stand, spindle, user maintenance kit, edge holders, quick reference guide, setup poster, documentation software, FlexiPrint HP Edition RIP, power cords
Environmental ranges	Operating temperature	15 to 30°C (59 to 86°F)
	Operating humidity	20 to 80% RH (non-condensing)
	Storage temperature	-25 to 55°C (-13 to 131°F)
Acoustic	Sound pressure	54 dB(A) (printing); < 15 dB(A) (sleep)
	Sound power	7.2 B(A) (printing); < 3.5 B(A) (sleep)
Power	Consumption	2.2 kW (printing); < 2.5 watts (sleep)
	Requirements	Input voltage (auto ranging) 200 to 240 VAC (-10% +10%) two wires and PE; 50/60 Hz (+/- 3 Hz); two power cords; 3 A max for printer and 13 A max per curing
Certification	Safety	IEC 60950-1+A1 compliant; USA and Canada (CSA listed); EU (LVD and EN 60950-1 compliant); Russia, Belarus, and Kazakhstan (EAC); Australia and New Zealand (RCM)
	Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia and New Zealand (RCM), China (CCC), Japan (VCCI), Korea (KC)
	Environmental	ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT Bronze, OSHA, CE marking compliant
Warranty		One-year limited hardware warranty

Ordering information

Product	B4H69A	HP Latex 310 Printer
Accessories	F0M55A	HP Latex 54-in Printer 2-in Spindle
	F0M59A	HP Latex 3x0 User Maintenance Kit
	F0M61A	HP Latex 54-in Take Up Reel
	F0M64A	HP Latex 3x0 Edge Holders
Original HP printheads	CZ677A	HP 831 Cyan/Black Latex Printhead
	CZ678A	HP 831 Yellow/Magenta Latex Printhead
	CZ679A	HP 831 Light Magenta/Light Cyan Latex Printhead
	CZ680A	HP 831 Latex Optimizer Printhead
Original HP ink cartridges and maintenance supplies	CZ682A	HP 831A 775-ml Black Latex Ink Cartridge
	CZ683A	HP 831A 775-ml Cyan Latex Ink Cartridge
	CZ684A	HP 831A 775-ml Magenta Latex Ink Cartridge
	CZ685A	HP 831A 775-ml Yellow Latex Ink Cartridge
	CZ686A	HP 831A 775-ml Light Cyan Latex Ink Cartridge
	CZ687A	HP 831A 775-ml Light Magenta Latex Ink Cartridge
	CZ706A	HP 831 775-ml Latex Optimizer Ink Cartridge
Original HP large format printing materials	CZ681A	HP 831 Latex Maintenance Cartridge
		HP printing materials are designed together with HP Latex Inks and HP Latex printers to provide optimal image quality, consistency, and reliability.
		HP PVC-free Wall Paper (FSC® and UL GREENGUARD GOLD Certified) ¹⁶
		HP Everyday Matte Polypropylene, 3-in Core  ¹⁷
		HP Backlit Polyester Film  ¹⁷
Service and support		HP Premium Satin Canvas
		For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com .
	U1ZN6E	HP 2 year Next business day Defective Media Retention
	U1ZN7E	HP 3 year Next business day Defective Media Retention
	U1ZN8PE	HP 1 year Post warranty Next business day Defective Media Retention
	U1ZN9PE	HP 2 year Post warranty Next business day Defective Media Retention

¹⁵ The color variation inside a printed job has been measured to be within this limit: maximum color difference (95% of colors) <= 2 dE2000. Reflective measurements on a 943 color target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard DS 014-6/E:2012. 5% of colors may experience variations above 2 dE2000. Backlit substrates measured in transmission mode may yield different results.

¹⁶ BMG trademark license code FSC®-C115319, see fsc.org. HP trademark license code FSC®-C017543, see fsc.org. Not all FSC®-certified products are available in all regions. 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 ul.com/gg or greenguard.org.

¹⁷ HP Large Format Media take-back program availability varies. Recycling programs may not exist in your area. See HPLFMedia.com/hp/ecosolutions for details.

