

HP Latex R1000 Plus Printer

Help grow your business by printing high-value jobs on one device with white¹, rigid and flexible



Get amazing colours, rigid and flexible up to 64 in

- Grow your business into higher value rigid/flexible jobs with vibrant HP Latex gamut, media look and feel.
- Gain versatility with HP Latex Ink—from indoor/outdoor signage to thermoforming and high-quality decoration.
- Win more jobs with UL ECOLOGO® Certified, water-based HP Latex Inks that produce odorless prints.²

We've removed the barriers to print with white¹

- Expand your portfolio into a wide range of applications with glossiest white that resists yellowing.¹
- No waste between white jobs³ with removable HP Thermal Inkjet printheads stored in offline rotating chamber.
- You're always ready to print white—automatic recirculation and printhead cleaning eliminate manual purging.

Manage your peaks in-house with smart printing

- Meet production peaks—get high-speed quality up to 15 outdoor boards/hr⁴ with belt system, smart vacuum.
- Help avoid costly operating errors with an easy interface including advanced queuing and multi-board printing.
- Maximise uptime with automatic maintenance and smart service tools for fast diagnosis and issue resolution.
- Maintain control of your production and costs with the help of HP PrintOS software tools.

For more information, please visit <http://www.hp.com/go/LatexRseries>

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

Dynamic security enabled printer. Contains technology that may prevent cartridges with non-HP chips or circuitry from working now or in the future. More at: <http://www.hp.com/learn/ds>

¹ Glossiest white based on internal HP testing in January, 2018 compared to leading competitive printers with CMYK configuration under \$350,000 USD. Based on level of gloss at 60 degrees on a rigid material (acrylic). Tested using Glossmeter BYK micro-TRI-gloss (20°, 60°, 85°), compatible with ISO 2813 and ASTM D523 relative to glossiness measure.

² HP Latex Inks are UL ECOLOGO® Certified. UL ECOLOGO® Certification to UL 2801 demonstrates that an ink meets a range of multi-attribute, lifecycle based criteria related to human health and environmental considerations (see <http://www.ul.com/EL>). 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.

³ When HP 886 White Latex Printheads are placed in the storage cassettes, no white ink is used for servicing when printheads are not in use.

⁴ Outdoor mode 3-pass, 70%. On 4 x 8 ft (1.2 x 2.4 m) boards.

Technical specifications

Print	
Printing modes	15 m²/hr - Indoor High Quality (12p 120%) 28 m²/hr - Indoor Production (6p 110%) 56 m²/hr - Outdoor (3p 70%) 25 m²/hr - White Spot (100%) 11 m²/hr - White Overflow (100%) 3.6 m²/hr - 3 layers day & night¹
Print resolution	Up to 1200 x 1200 dpi
Ink types	Water-based HP Latex inks
Ink cartridges	9 (cyan, magenta, yellow, black, light cyan, light magenta, HP Latex Optimiser, HP Latex Overcoat, white)
Cartridge size	3 L
Printheads	8 (cyan/black, magenta/yellow, light cyan/light magenta, HP Latex Overcoat, 2 HP Latex Optimiser, 2 white)
Long-term print-to-print repeatability	Average ≤ 1.0 dE2000, 95% of colours ≤ 2 dE2000²
Media	
Handling	Flatbed, sheet feed, roll feed, vacuum belt media drive for easy loading and accurate media advance
Media types	Rigid substrates: paper foamboard, plastic foamboard, PVC foam, plastic corrugated, acrylic, polycarbonate, polystyrene, compressed cardboard, corrugated board, honeycomb board, aluminum composite panel, wood, glass, ceramic; Roll substrates: PVC banner, self-adhesive vinyl, coated paper, polypropylene, polystyrene, polycarbonate, polyester, textile (non porous), canvas, leather
Rigid media size	297 x 420 mm to 1625 x 1220 mm (up to 1625 x 3050 mm with two sets of optional extension tables)
Roll size	60.9 cm to 1.63 m
Maximum roll weight	Up to 68 kg
Maximum roll diameter	Up to 25 cm
Thickness	Up to 50.8 mm
Applications	Signage: indoor, flat, backlit, thermoformed; Decoration: wall coverings, window decoration; Vehicle decoration: fleet graphics, wraps, decals; Textile: soft signage, frontlit, backlit; POS and Packaging: corrugated displays, short-run customised packaging, prototyping
Connectivity	
Interfaces	Gigabit Ethernet (1000Base-T)
Dimensions (W x D x H)	
Printer	4.21 x 2.04 x 1.75 m (printer); 4.21 x 3.64 x 1.75 m (including standard input and output tables)
Shipping	4.43 x 2.24 x 2.15 m
Operating area	6.61 x 6.03 x 3 m
Weight	
Printer	1400 kg
Shipping	2400 kg
What's in the box	HP Latex R1000 Printer; HP Latex R Series White Upgrade Accessory Kit; HP Latex R1000 Roll Printing Accessory Kit with 64-in spindles (x2) and pneumatic gun adapter and table top roll holders (x2); HP 886 Latex Printheads; HP Latex Printhead Cleaning Kit; standard input and output tables; foot switch; HP Internal Print Server and displays (x2); printer maintenance kit; warranty and intro docs
Environmental ranges	
Operating temperature	15 to 30°C
Operating humidity	20 to 70% RH (non-condensing)
Power	
Consumption	8 to 10 kW (typical)
Certification	
Safety	IEC 60950-1 +A1+A2 compliant; United States and Canada (CSA listed); EU (LVD and MD compliant, EN60950-1, EN12100-1, EN ISO13849-1, EN60204-1, and EN10101-1); Russia, Belarus and Kazakhstan (EAC); Australia, New Zealand (RCM)
Electromagnetic	Compliant with Class A requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM)
Environmental	WEEE; RoHS (EU, China, Korea, Singapore, Turkey, Ukraine); India Waste Management Rules; REACH; CA 65 Prop; ErP Ecodesign Directive
Warranty	1 Year Limited Warranty (Next Business Day On-Site)

Ordering information

Product	
K0Q45A	HP Latex R1000 Plus Printer
Accessories	
T7V21A	HP Latex R1000 Extension Tables
Y6V16A	HP Latex R Series Edge Holders Kit
Original HP large format printing materials	
HP Premium Removable Gloss Adhesive Vinyl HP Permanent Gloss Adhesive Vinyl HP Durable Backlit Fabric (Take-back program)³ HP Backlit Polyester Film (Take-back program)³	
For the entire HP Large Format Printing Materials portfolio, please see HPLFMedia.com.	
Service and Support	
4BS24A/K0Q45-67270 HP Latex R Series Cleaning Kit ZWM39A/K0Q45-67267 HP Latex R Series Uptime Kit ZWM40A/K0Q45-67269 HP Latex R Series Expert Kit ZWP87A/K0Q45-67268 HP Latex R Series Reseller Kit K0Q45-67272 HP Latex R Series Service Maintenance Kit K0Q45-67273 HP Latex R Series White Service Maintenance Kit	

¹ Print speed may vary due to the adaptive printing mechanism to avoid image quality defects.
² Reflective measurements on a 943 colour target under CIE standard illuminant D50, and according to the standard CIEDE2000 as per CIE Draft Standard D5 014-6/E:2012. Backlit substrates measured in transmission mode may yield different results.
³ Recyclable HP papers can be recycled through commonly available recycling programs, or according to region-specific practices. Some HP media are eligible for return through the HP Large Format Media take-back program. Programs may not exist in your area. See <http://www.HPLFMedia.com/hp/ecosolutions> for details.



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