



Data sheet

# HP OEM Thermal Inkjet (TIJ) 2.X Technology Platform

HP62 Printheads and Enablers

Compact and versatile solution for color applications.

Modern times call for modern measures. The only way forward is to futureproof the print shop. Introducing the HP OEM TIJ 2.X that comprises of 4 print heads and a variety of key enablers. The field-proven technology will enable you to build your own print system, and at approximately 60% recycled plastic used, it makes for a greener footprint for the planet.



## Small size. Big impact.

With HP TIJ 2.X enablers, you can get the right components for your application without unnecessary overheads. Gain maximum flexibility to create a uniquely compact solution with quiet operation, lower costs, and faster time-to-market. The size and weight of the HP TIJ 2.X printheads make them perfect for a wide range of compact and portable printers, ideal for use in multiple applications ranging from desktop to mobile printing.

## Tailor your own solution

HP has evaluated all components in the HP Envy class printers; only the key enablers needed by OEMs were selected to build customized print mechanisms. **Connectivity, mechanical fixturing, and, servicing and maintenance enablers** are part of the HP TIJ 2.X printhead platform and are at your disposal. **Reference designs** and **extensive technical documentation** are provided to help reducing your development time and improving your time-to-market.

## Every shade of CMY Color.

Advance to full CMY process color. The HP tri-color printheads ensure easy snap-in/snap-out installation that in turn simplifies operation. HP dye ensures vivid color for high color vibrancy applications, including a wide range of glossy media. Work with the 3UB21A—Long Body for more ink-demanding applications, the 3UB25A—Short Body XL to get the most out of our short body, and the 3UB55A – Short Body for long decap. If our ink offering does not suit your needs, you can work with approved HP third-party ink fillers and have them fill our 3UB14A – HP 62 Empty supplies.

It is the customer's responsibility to perform their own risk assessment and/or further testing to ensure the final product meets all applicable regulatory requirements.

## Performance in the right price

HP TIJ 2.X is a high-performance, reliable, and cost-effective development platform. It has a small form factor, yet high resolution at 1200 x 600 dpi with 15 ips process color, and print at **600 dpi up to 40 ips**.



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## Technical specifications



### HP OEM TIJ 2.X enablers specifications

Product offering HP TIJ 2.X printheads and enablers for OEMs capable of designing and building a complete print mechanism. Ask your account manager about your enabler requirements.

#### Printhead mechanical fixturing

	3UB33A	HP 62 Latch Plate
	3UB37A	HP 62 X-bias Spring


#### Printhead servicing and maintenance

	W3T06A	HP Cap Assembly
	3UB19A	HP Servicing Color Wiper
	3UB56A	OEM HI-LX 10-Pack Cleaning-Wipe
	3UB57A	OEM HI-LX Cleaning Tool

#### Printhead connectivity

	E7N48A	OEM ASIC Cartridge Driver
	3UB35A	HP 62 Spring Dome
	3UB34A	HP 62 Plate CMY Actuator
	W3T05A	HP Elastomer Pad
	3UB36A	HP 62 Dimple Flex

### HP OEM TIJ 2.X printhead specifications

	HP 62 tricolor long body	HP 62 tricolor		HP 62 tricolor Empty
Print Head Family				
SKU	3UB21A	3UB25A	3UB55A	3UB14A
Versions	Filled, Long body	Filled	Filled, Long Decap	Empty
Ink fill (ml)	~26.4 total CMY	~16.6 total CMY	~4.5 total CMY	n/a
Ink	Dye CMY	Dye CMY	Long Decap Dye CMY	n/a
Dimensions (W x D x H mm)	32 mm (w) x 66 mm (d) x 45 mm (h)	32 mm (w) x 48 mm (d) x 45 mm (h)		
Print Swath	0.57 inches (14.48 mm)			
Printhead resolution (dpi)	1200 x 600 dpi at 15 ips			
Drop Size	Dual drop weight: 7 & 3 ng			
Nozzle count	2052 nozzles in three columns: 342 nozzles per color (3x) & drop size (2x)			
Shelf Life	2 Years			
PH / Ink architecture	Integrated Printhead cartridge			

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