



HP Black 2800 Pigment Print Cartridge and enablers

Design, innovate, create—build a new competitive advantage with HP



Target customers

Industrial OEMs who design high-performance, small form-factor printers for transaction and logistics applications in financial institutions, restaurants, retailers, businesses, government agencies, institutions, and distribution centers.

Applications

Transactional applications including check endorsements/cancellations, bank/POS receipts, tickets, food orders, and document scanners/printers.

Key highlights

The HP TIJ 2.x print cartridge and enablers provide a high-performance, reliable, and cost-effective development platform:

- Print resolution up to 1200 x 600 dpi at 30 in/s (0.75 m/s)
- 0.56-inch (14.2-mm) print swath
- Sharp text, images, graphics, and barcodes
- Small form-factor, quiet operation

Turn your vision into innovative new products. The form factor is small, yet the features and potential for your business are big. The HP TIJ 2.x print cartridge and enablers deliver fast, high-resolution printing in a solution that provides easy, reliable, and cost-effective operation.

Raise your printing performance

Deliver high speed and high quality with HP TIJ 2.x technology. Produce sharp text, images, graphics, and barcodes 1200 x 600 dpi at 30 in/s (0.75 m/s). With non-contact, drop-on-demand inkjet technology, HP TUJ 2.x technology provides quiet, reliable printing.

Enjoy design flexibility

Create unique products with high-performance printing capability. Reduce your design cycle and time to market by incorporating HP printer enablers in your products. Together, HP TIJ 2.x inks, the print cartridge, and enablers offer a high-performance, reliable and cost-effective development platform for building a wide range of customised printing solutions.

Rely on proven HP technology

Build your solution upon HP quality and reliability. Leveraging nearly three decades of expertise, HP offers OEM solutions based on easy, reliable, and cost-effective technology that has been proven, time and again, in challenging transaction and logistics applications.

Why choose HP Specialty Printing Systems (SPS)?

At HP SPS, we provide industry-leading technology designed to boost your customers' satisfaction and profitability. Our technology is uniquely adaptable, helping you easily address new and diverse market needs. Our expansive portfolio includes products, supplies, services, and support to help you deliver high-performance, reliable, and cost-effective solutions. By building on the foundation of HP, you can grow your business today and well into the future.

Create innovative solutions for your customers

HP hardware enablers provide flexible design configurations and accelerated time-to-market.

- Cartridge Driver ASIC—facilitates communication with the print cartridge and converts digital control and data to high-power cartridge drive signals.
- Cap Assembly—cap and cap mount provide proper evaporation and venting and prevent ink from drying out.
- Wiper—keeps the printhead surface clean.
- Carriage Assembly with Flex—a stall holds the cartridge and connects the cartridge to the printed circuit board.
- Documentation—provides detailed information for design and integration of the technology.

Ordering information—HP hardware enablers

Part number	Description
E7N44A	TIJ 2.x Cap
E7N45A	TIJ 2.x Cap Mount
E7N46A	TIJ 2.x Wiper
E7N47A	TIJ 2.x Carriage Assembly with Flex
E7N48A	TIJ 2.x Cartridge Driver ASIC

Reliable performance, lasting results

Original HP inks are designed together with HP Thermal Inkjet technology to keep your printing running smoothly. Fast-drying, durable prints capture the transaction and provide a lasting record. A fresh printhead is delivered with each cartridge replacement, delivering high system reliability. The intuitive, snap-in/snap-out print cartridge requires no special training for installation.

Ordering information—HP print cartridge

Part number	Description
Q7486A	HP Black 2800 Pigment Print Cartridge, 96-Pack

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