

HP Bulk Black Ink Supply

The HP C6119A Bulk Black Ink Supply produces superior print quality with minimal intervention and cost.



Features

HP designed this bulk ink delivery system for high-volume applications that require high-quality results at low cost per print, and infrequent ink supply intervention.

This system consists of a print cartridge and water-resistant black ink supply connected by a tube. It is designed to print 600 dots per inch in applications where high-quality output on porous media is required.

Non-contact, drop-on-demand inkjet technology ensures reliable, quiet printing. Integrated Driver Head (IDH) technology coordinates individual nozzles through a multiplexing scheme that fires all 300 nozzles through 52 interconnect pads.

The print cartridge can be snapped in and out for easy replacement, while the high-capacity bulk ink delivery system makes sure replacements are infrequent. The print cartridge has a thermal sense resistor, which measures temperature, and enables thermal management and burnout protection for the print head.

Benefits

HP's Bulk Black Ink Supply brings convenience and high-quality printing to industrial markets that need a high-volume ink delivery system.

- The large ink supply and easy replacement reduces downtime, so print volume is increased.
- Low cost per print helps reduce production overhead.
- Water-resistant ink prevents bleeding and streaking on a variety of print media.

Why choose HP?

HP is the worldwide leader in imaging and printing technologies. We bring our innovative, reliable, environmentally-friendly, and easy-to-use solutions to a variety of industrial markets. As pioneers of thermal inkjet printing, HP knows the technology inside and out.

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Frequently asked questions

Who are the ideal users of the C6119A? Companies that produce larger print runs and have a need for a higher-volume ink delivery system.

What are the key advantages of this bulk ink system?

- Provides high-quality output on porous media.
- Low cost per print helps reduce production overhead.
- Large ink supply and easy replacement reduces downtime so print volume is increased. The bulk system provides about nine times more ink volume (370 ccs) than the usual 40 ccs print cartridge.
- Water-resistant ink prevents bleeding and streaking.

What are the general media recommendations? This water-resistant plain paper ink works best on bond and many copy papers, envelopes, and kraft papers.

What are the advantages of HP Thermal Inkjet (TIJ) Technology?

- Cost-effective. Requires no warm-up cycle and no downtime. When it's time to replace a print cartridge, replace only the one that's needed.
- Easy to use. No special training is required to operate and maintain thermal inkjet printers. The print cartridge design allows it to be snapped in and out for easy replacement.
- Fast. Hundreds of tiny nozzles firing at a high frequency allow high-quality printing at high speeds.
- Reliable. TIJ is less sensitive to air bubbles in the firing chamber than other printing technologies, avoiding print quality problems and delays caused by trapped air.
- Flexible. Supports a wide variety of media.
- High quality. TIJ places smaller drops more accurately, producing consistently superb image and text quality.
- Environmentally safe. With thermal inkjet, there is no need for service technicians qualified to handle volatile solvents, and no noxious fumes.
- Lower cost of ownership. A thermal inkjet printer can cost tens to hundreds of thousands of dollars less than other printing equipment, reducing the market entry cost.

Technical specifications

P/N	C6119A
Ink type	Pigmented aqueous ink
Resolution	600 dpi
Nozzle count	300
Print swath	.5 in
Maximum firing frequency	12 kHz
Avg. drop volume	33 pl
Avg. delivered ink (ccs)	370 ccs
Number of electrical interconnect pads	52
Operating conditions	10 to 40° C, 10 to 80% RH
Shipping/storage conditions (in original packaging only)	10 to 30° C, 5 to 80% RH Altitude: 0–5000 meters Orientation: nozzle up or side

Contact information

To discuss inkjet technology OEM opportunities with HP:

- Go to www.hp.com/oeminkjet and send us an email message.
- Call 858-655-3524 and leave a voicemail message.
- Mail your inquiry to: Hewlett-Packard Company, Specialty Printing Systems, Mailstop 66-654, 16399 West Bernardo Drive, San Diego, CA 92127, USA.