

# HP Extended TIJ 1.0 Print Cartridges



The HP C6602A, C6602R, C6602G, and C6602B Extended TIJ 1.0 print cartridges are ideal for transaction printing and remote printing applications where print economy and reliability are paramount.



## Features

HP designed the C6602A (black), C6602R (red), C6602G (green), and C6602B (blue) print cartridges to offer very fast dry times and water resistance across a broad range of papers and media.

The special ink formulation in these print cartridges dries in less than ½ second on all common papers used in the banking, retail, hospitality, and other transaction printing environments. Non-contact, drop-on-demand inkjet technology delivers reliable, quiet printing on irregular porous surfaces, as well as inserted slips and checks. Small size and low power consumption make these print cartridges ideal for compact and battery-driven applications.

These print cartridges are designed to print 96 dots per inch using special dye-based inks, and typically deliver over seven million characters per cartridge for economical, non-stop printing. When replacement is needed, the print cartridges can be quickly and easily snapped in and out, ensuring headache-free, cost-effective printing.

The variety of available colors (black, red, green, and blue) offers the flexibility and ease-of-use that promotions, quality control, and enhanced identification require. With single-color cartridges, no ink is wasted and changing colors is a snap.

## Benefits

HP's Extended TIJ 1.0 print cartridges offer:

- Low-cost printing and marking capability in a variety of colors.
- Fast drying, water-fast, and fade-resistant inks for the kind of print permanence that record keeping and transaction receipts require.
- High-ink capacity in a compact form for economical operation of small print devices.
- Non-contact, drop-on-demand thermal inkjet technology that ensures quiet printing.
- Easy, snap-in replacement, eliminating the need for specialized training and service calls.

## 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 HP Extended TIJ 1.0 print cartridges?

Companies who design kiosks, ATMs, point-of-sale printers, validation printers, and portable printers. These cartridges are also suitable for industrial and commercial marking applications where print economy is important.

### What are the key advantages of these print cartridges?

- Very fast dry time (less than 1/2 second) prevents smearing and ink transfer without heating.
- Water- and fade-resistant inks provide the print permanence that record keeping and transaction receipts require.
- Compact size, combined with a high-capacity ink reservoir, reduces printer footprint and operating costs.
- Very low pen-servicing requirements and direct-drive nozzles make integrating these print cartridges into new and existing products easy and hassle-free.

### 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. Tiny nozzles firing at a high frequency allow 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.
- 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 hundreds of dollars less than other printing equipment, reducing the market entry cost.

## Technical specifications

<b>P/N</b>	C6602A (black), C6602R (red), C6602G (green), C6602B (blue)
<b>Ink type</b>	Black, red, green, and blue dye-based, aqueous ink
<b>Resolution</b>	96 dpi
<b>Nozzle count</b>	12
<b>Print swath</b>	.125 in
<b>Maximum firing frequency</b>	3.0 kHz for text (~31.25 inches/sec or ~375 characters/sec); 1.5 kHz for graphics; horizontal firing recommended
<b>Print cartridge dimensions</b>	44 mm x 39 mm x 25 mm
<b>Avg. drop volume</b>	160 pl
<b>Avg. delivered ink (ccs)</b>	18 ccs
<b>Number of electrical interconnect pads</b>	13
<b>Operating conditions</b>	10 to 40° C, 10 to 80% RH
<b>Shipping/storage conditions (in original packaging only)</b>	-30 to 60° C. Can only exceed operating range for 24 hours. Altitude: 0–3000 meters

## Contact information

To discuss inkjet technology OEM opportunities with HP:

- Go to [www.hp.com/oeminkjet](http://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.