HP 650 Tri-color Original Ink Advantage Cartridge (CZ102AE)



Overview

Versatile HP inks print everything you need

Versatile Original HP ink cartridges affordably print high-quality everyday black-and-white and color documents, flyers, images, reports, web prints, and photos.

Get impressive results for all your print needs.

Produce documents and flyers with sharp text and vivid color graphics that look crisp for years.[1]

Print easily and affordably.

Be confident knowing your ink cartridges are installed in the right place with unique cartridge color coding.

Quality results. Easy to recycle.[4]

Count on Original HP inks. HP printers, inks, and papers are designed and tested together for optimal results.

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[1] Learn more about document and photo durability at http://www.hp.com/go/printpermanence.

[4] HP Planet Partners availability varies. For details, see http://www.hp.com/hprecycle .

Specifications

Ink Types	Dye-based
Print Cartridge/Bottle, Color(s)	Tri-color
Technology	Ink
Supply Type	Cartridges
Ink Drop	2.3 pl to 8.5 pl (depending on print mode and speed)
Print Head Nozzles	612
Print Cartridge/Bottle Volume (metric)	5 ml
Operating Temperature Range (celsius)	15 to 32°C
Storage Temperature Range (celsius)	-40 to 60°C
Operating Humidity Range	20 to 80% RH
Non-operating Humidity Range	20 to 80% RH
Print Resolution Technologies	TIJ 2.X Gen 3
Compatibility Statement	HP Deskjet Ink Advantage 2515 and 2515 e-All-in-One Printers
Product Count Per Unit	1
Case or Master Carton Quantity	60
Quantity Per Pallet	2880
Cartons Per Pallet	48
UPC Number	(302) 886112660710; (BHK) 886112545994; (BHL) 886112546052; (LS1) 199764693334; (LS2) 199764693341; (LS3) 199764693358
Pallet Barcode	(BHK) 20886112545998, (BHL) 20886112546056
Product Dimensions W x D x H (metric)	113 x 37 x 115 mm
Product Dimensions W x D x H (imperial)	4.45 x 1.46 x 4.53 in
Package Dimensions W x D x H (metric)	113 x 37 x 115 mm
Package Dimensions W x D x H (imperial)	4.45 x 1.46 x 4.53 in
Case or Master Carton Dimensions W x D x H (metric)	588 x 198 x 172 mm
Case Dimensions (case or master carton, imperial)	23.15 x 7.8 x 6.77 in
Pallet Dimensions W x D x H (metric)	1200 x 800 x 1176 mm
Pallet Dimensions (imperial)	47.24 x 31.5 x 46.3 in

Case Weight (case or master carton, metric)	3.6 kg
Package Weight (metric)	0.05 kg
Package Weight (imperial)	0.12 lb
Pallet Weight (metric)	192 kg
Pallet Weight (imperial)	423.29 lb
Page Yield	200
What Is In The Box	Ink cartridge
Manufacturer Warranty	HP's ink cartridges and printheads are warranted to be free from defects in materials and workmanship during the period of the warranty.

Additional specifications

Average Page Yield For A4 Format, Color	~200 pages
BCP Bubble Graphic Color	Tri-color
Business Segment (filter)	Premium Home
Cartons Per Layer	8
Cartridge Color	Tri-color
Cartridge Package Selectability	650
Case Weight (case or master carton, imperial)	7.94 lb
Compatibility Headline	HP 650 ink cartridges work with:
Count of Layers In Pallet	6
Datasheet Feature Photo 02	https://hp.widen.net/content/wrxdovgnhd/jpeg/wrxdovgnhd.jpg?w=2000&h=2000&dpi=72
Empty Weight	29.7 g
Environmental Certifications	UL ECOLOGO® certified
Geographical Sales Restriction of Product	For sale in EU
ITF-14 Unit Code Numerical Equivalent (smaller master carton)	(BHK) 10886112545991, (BHL) 10886112546059
Operating Temperature Range (fahrenheit)	59 to 90°F
Package Count	1
Page Yield (cyan)	1 Cyan (~200 pages)
Page Yield (magenta)	1 Magenta (~200 pages)
Page Yield (yellow)	1 Yellow (~200 pages)
Page Yield Footnote	Tested in HP Deskjet Ink Advantage 2515 All-in-One. Approximate average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies.
Print Technology	HP Thermal Inkjet
Printhead Swath (in Inch)	0.56 in
Product Subgroup	Standard Capacity Ink Cartridges
Recycled Material Content	70%
SNF JPEG Product Photo 190x170	Ink Toner Paper Printer Supplies/CZ101AE_190x170.jpg
SNF JPEG Product Photo 70x100	Ink Toner Paper Printer Supplies/CZ101AE_70x100.jpg

Segment (filter)	Premium Home
Storage Temperature Range (fahrenheit)	-40 to 140°F
Subgroup	Standard Capacity Cartridges
Technology Logo 01	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08990360.png
Technology Logo 02	https://h10003.www1.hp.com/digmedialib/prodimg/lowres/c08990361.png
UNSPSC Code	44103105
Warranty Standard Statement	HP's ink cartridges and printheads are warranted to be free from defects in materials and workmanship during the period of the warranty. This warranty pertains to the product when used in its designated HP or authorized OEM printing device. HP will, at HP's option, either refund the purchase price or replace products that prove to be defective. Visit the HP online support web site http://www.hp.com/support for a list of support phone numbers and conditions or return to your point of purchase.
Weight (imperial)	0.08 lb
Weight (metric)	0.04 kg

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