HP 712 3-pack 29-ml Cyan DesignJet Ink Cartridge (3ED77A)



Overview

HP 712 3-pack Ink Cartridges, cyan (29 ml each)

You're ready to meet every last-minute deadline with Original HP Bright Office Inks designed to fit the way you work by performing reliably, maximizing printhead life, and helping ensure HP warranty protection.

Outstanding line quality, details, and letters

Prevent miscommunication—get outstanding patterns and line quality, with up to 31% more accurate lines.[1]

Durable/reliable performance, and recyclable[6]

100-year plain-paper archivability[7] and ISO certified HP Permanent and Water-resistant Black Ink.[8]

Bright and distinguishable colors

See distinct color/features on maps, plans with brightest dye-based color inks, with up to 65% more gamut.[4]

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[1] Up to 31% more line accuracy based on HP internal testing, September 2019 of 1 pixel vertical line straightness comparing prints from the HP DesignJet Studio/T600/T200 Printer series and Canon TM-305 Printer on plain paper using equivalent fast/draft print modes.

[4] Up to 65% more color gamut based on HP internal testing, September 2019, of gamut volume comparing prints from the HP DesignJet Studio/T600/T200 Printer series and Canon TM-305 Printer on Oce 75gsm plain paper using equivalent fast/draft print modes.

[6] Visit http://www.hp.com/recycle to see how to participate and for HP Planet Partners program features and availability; program may not be available in your area.

[7] For prints produced with pigment-based black and dye-based color HP Bright Office Inks. WIR Statement Concerning the Dark Storage Permanence of Documents Printed with HP Pigment Inks and Dye Inks on HP Bright White Inkjet Paper, October 2017. Tests conducted by Wilhelm Imaging Research, Inc. indicate that documents printed with HP pigment-based black and dye-based color inks printed on HP Bright White Inkjet Paper stored in the dark (assuming that the document is stored in a file folder, in a box, and is otherwise protected from possible ozone exposure and contact with water) will achieve WIR Dark Storage Permanence Ratings of “Greater than 100 Years.” For more information, see http://www.hp.com/go/printpermanence.

[8] For prints produced with HP Permanent and Water-resistant Black Ink. HP Bright Office Inks are certified per the ISO 11798 Permanence and Durability standard, proving that prints made with compatible HP DesignJet T-series printers using Original HP Bright Office Inks withstand harsh exposure to light, water, abrasion, and handling, and long-term storage and heat, and remain legible in the future. For more information, see http://www.hp.com/go/printpermanence.

Specifications

Ink types	Dye-based
Print Cartridge/Bottle, Color(s)	Cyan
Print Technology	Ink
Supply type	Cartridges
Print cartridge/bottle volume	29 ml
Operating temperature range	5 to 35°C
Storage temperature range	-40 to 60°C
Operating humidity range	10 to 90% RH
Non-Operating Humidity Range	10 to 90% RH
Print Resolution Technologies	TIJ 4.0
Printing Material Shelf Life	18 months
Compatibility	HP DesignJet T210, T230, T250, T630, T650 Printer series
Product count per unit	3
Case or master carton quantity	24
Quantity per pallet	1728
Cartons per pallet	72
UPC number	193905352869
Pallet barcode	20193905352863
Dimensions (W x D x H)	119 x 46.2 x 126 mm
Dimensions (W x D x H)	4.69 x 1.82 x 4.96 in
Package dimensions (W x D x H)	119 x 46.2 x 126 mm
Package dimensions (W x D x H)	4.69 x 1.82 x 4.96 in
Case or master carton dimensions (W x D x H)	298.45 x 250.95 x 149.3 mm
Case dimensions (case or master carton)	11.75 x 9.88 x 5.88 in
Pallet dimensions (W x D x H)	1219.2 x 1016 x 1117 mm
Pallet dimensions	48 x 40 x 43.98 in
Case weight (case or master carton)	9.32 kg
Package weight	~0.38 kg
Package weight	~0.83 lb
Pallet weight	706.2 kg
Pallet weight	1557 lb

What's in the box	3 ink cartridges
Manufacturer Warranty	Until the “Warranty Ends” date has been reached or the warranted usage limit has been reached, whichever occurs first.

Additional specifications

BCP bubble graphic color	Cyan
Cartons per layer	12
Cartridge Colors	Cyan
Case weight (case or master carton, imperial)	20.55 lb
Count of layers in pallet	6
Operating temperature range	41 to 95°F
Package count	3
Print technology	HP Thermal Inkjet
Product subgroup	Combo-packs
Selectability	712
Smaller master carton barcode	10193905352866
Storage temperature range	-40 to 140°F
Subgroup	Standard Capacity Cartridges
UNSPSC code	441031052
Warranty	Each HP ink cartridge, printhead, and related supply is warranted to be free from defects in materials and workmanship during the period of the warranty. This warranty pertains to any HP ink cartridge or printhead when used in its designated HP or authorized original equipment manufacturer (OEM) printing device. See the product manual for the printer to determine the correct ink cartridge, printhead, or related supply selection. This warranty does not cover HP ink products that have been refilled, remanufactured, refurbished, misused, or tampered with. The coverage lasts until the “Warranty Ends” date has been reached or the warranted usage limit has been reached, whichever occurs first. TO THE EXTENT ALLOWED BY LOCAL LAW, THE ABOVE WARRANTIES ARE EXCLUSIVE AND NO OTHER WARRANTY, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED AND HEWLETT-PACKARD SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR SATISFACTORY QUALITY. TO THE EXTENT ALLOWED BY LOCAL LAW, THE REMEDIES IN THIS WARRANTY STATEMENT ARE YOUR SOLE AND EXCLUSIVE REMEDIES. IN NO EVENT SHALL HEWLETT-PACKARD BE LIABLE FOR ANY INCIDENTAL, DIRECT, CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR LOST PROFITS FROM ANY BREACH OF THIS WARRANTY OR OTHERWISE. SOME COUNTRIES, STATES OR PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.
Weight	~0.17 kg
Weight	~0.38 lb

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