

## HP 712 3-pack 29-ml Magenta DesignJet Ink Cartridge (3ED78A)



### HP 712 3-pack Ink Cartridges, magenta (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]

#### **Bright and distinguishable colors**

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

#### **Durable/reliable performance, and recyclable[6]**

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

## Specifications

<b>Ink types</b>	Dye-based
<b>Color(s) of printing supplies</b>	Magenta
<b>Print Technology</b>	Ink
<b>Supply type</b>	Cartridges
<b>Print cartridge volume delivered</b>	29 ml
<b>Operating temperature range</b>	5 to 35°C
<b>Storage temperature range</b>	-40 to 60°C
<b>Operating humidity range</b>	10 to 90% RH
<b>Non-Operating Humidity Range</b>	10 to 90% RH
<b>Print Resolution Technologies</b>	TIJ 4.0
<b>Printing Material Shelf Life</b>	18 months
<b>Compatibility</b>	HP DesignJet T210, T230, T250, T630, T650 Printer series
<b>Product count per unit</b>	3
<b>Case or master carton quantity</b>	24
<b>Quantity per pallet</b>	1728
<b>Count of carton in pallet</b>	72
<b>UPC number</b>	193905352876
<b>Pallet barcode</b>	20193905352870
<b>Minimum dimensions (W x D x H)</b>	119 x 46.2 x 126 mm
<b>Minimum dimensions (W x D x H)</b>	4.69 x 1.82 x 4.96 in
<b>Package dimensions (W x D x H)</b>	119 x 46.2 x 126 mm
<b>Package dimensions (W x D x H)</b>	4.69 x 1.82 x 4.96 in
<b>Case or master carton dimensions (W x D x H)</b>	298.45 x 250.95 x 149.3 mm
<b>Case dimensions (case or master carton)</b>	11.75 x 9.88 x 5.88 in
<b>Pallet dimensions (W x D x H)</b>	1219.2 x 1016 x 1117 mm
<b>Pallet dimensions</b>	48 x 40 x 43.98 in
<b>Case weight (case or master carton)</b>	9.32 kg
<b>Package weight</b>	~0.38 kg
<b>Package weight</b>	~0.83 lb
<b>Pallet weight</b>	706.2 kg
<b>Pallet weight</b>	1557 lb
<b>What's in the box</b>	3 ink cartridges
<b>Warranty</b>	Until the "Warranty Ends" date has been reached or the warranted usage limit has been reached, whichever occurs first.

## Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

## Messaging Footnotes

[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 Océ 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>.

## Technical Specifications Footnotes

No Technical Specifications Footnotes

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