HP 230A Cyan Original LaserJet Toner Cartridge (W2301A)



Overview

Exceptional performance, responsibly designed

The next generation of HP Toner and Cartridge technology, HP TerraJet Toner Cartridges and packaging are redesigned for a lower carbon footprint,[1] efficient toner use for less waste, and outstanding quality printing with built-in security.[3,4]

Thoughtfully designed for less waste[5,6]

TerraJet Cartridges and packaging are designed for a low carbon footprint with reduced plastic and energy use.[5,6,7]

To protect your printer and your data[4]

HP takes security seriously. Original HP TerraJet Toner Cartridges are designed for security with tamper-resistant chips, firmware and packaging.[4]

True-to-life colors and high efficiency toner[9]

Original HP TerraJet Toner features efficient toner use for less waste and outstanding quality printing with an increase in vivid colours, natural-looking images and sharper details.[2,8]

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[1] 2022 Four Elements Consulting LCA study, commissioned by HP, provides a comparative environmental assessment of TerraJet HP Toner Cartridges with their predecessors utilising the most current data on production practices, recycling, product quality, and usage trends. See http://hp.com/go/TerraJet-HP4000-2022

[2] Standard print mode for HP Color LaserJet Pro and Enterprise series with HP TerraJet Toner Cartridges compared to predecessors. See http://hp.com/TerraJet/colors .

[3] See ISO/IEC 20243:2018 Open Trusted Technology Provider™ Standard Certification Register. See certification.opengroup.org/register/ottps-certification

[4] HP office-class printing systems are select Enterprise and Managed devices with FutureSmart firmware 4.5 and up, Pro devices, LaserJet models 200 and up, with respective Original HP Toner, PageWide and Ink Cartridges. Does not include HP integrated printhead cartridges. Digital supply-chain tracking, hardware, chips and packaging security features vary locally by SKU. See http://hp.com/cartridgesecurity.

[5] Plastic reduction of TerraJet Toner Cartridges calculated based on cartridge weight compared to predecessors. See http://hp.com/TerraJet/plasticreductions .

[6] Plastic reduction in packaging calculated based on packaging weight compared to predecessors. See http://hp.com/TerraJetplastic/reductions .

[7] HP calculations based on normalized Energy Star® TEC data of HP LaserJet Pro and Enterprise series with HP TerraJet Cartridges compared to predecessors. See http://hp.com/TerraJet/energysaving .

[8] Premium mode offers more colours compared to Standard Mode; varies between cartridge series. See http://hp.com/TerraJet/colors .

[9] Calculations of more pages printed per cartridge size in Original HP TerraJet Toner Cartridges compared to predecessors. See http://hp.com/TerraJet/tonersaving .

Specifications

Print Cartridge/Bottle, Color(s)	Cyan
Print Technology	Laser
Supply type	Cartridges
Operating temperature range	10 to 32.5°C
Storage temperature range	-20 to 40°C
Operating humidity range	10 to 80% RH
Non-Operating Humidity Range	10 to 90% RH
Compatibility	HP Color LaserJet Pro 4203dn Printer; HP Color LaserJet Pro 4203dw Printer; HP Color LaserJet Pro MFP 4303dw Printer; HP Color LaserJet Pro MFP 4303fdn Printer; HP Color LaserJet Pro MFP 4303fdw Printer
Product count per unit	1
Quantity per pallet	270
Quantity per European pallet	192
UPC number	193808760341
Dimensions (W x D x H)	55 x 78 x 289 mm
Dimensions (W x D x H)	2.16 x 3.07 x 11.38 in
Package dimensions (W x D x H)	364 x 92 x 121 mm
Package dimensions (W x D x H)	14.33 x 3.62 x 4.76 in
Pallet dimensions (W x D x H)	1092 x 920 x 1233 mm
Pallet dimensions	43.0 x 36.2 x 48.5 in
Package weight	0.59 kg
Package weight	1.30 lb
Pallet weight	180 kg
Pallet weight	395 lb
Page Yield	1,800
What's in the box	HP Toner Cartridge
Manufacturer Warranty	HP's Premium Protection Warranty. This HP product is warranted to be free from defects in materials and workmanship.

Additional specifications

Business filter	cMPS
Cartons per layer	30
Cartridge Colors	Cyan
Color starter yield	1000
Color yield	1800
Compatibility headline	HP 230 toner cartridge works with:
Component type	Cartridges
Count of layers in pallet	9
Datasheet photo 1	AHID/02ae95f35c9c550cef98561e29c0b6749a98255b
Datasheet photo 2	AHID/4ed290eb53f0e5f92c03dd8ef95468a691f0c31d
Datasheet photo 3	AHID/128b081810d176fa475a184da6dfbaeb21b1ad82
Datasheet photo 4	AHID/51b780704d84de6e39fda73d6f849e97b0827592
EmpCo GARAN Label	https://hp.widen.net/s/zrqz6mwxvv/empco_95mm_x_100mm_label_color_toner_supplies_8679904
European pallet dimensions (W x D x H)	1098 x 752 x 1117 mm
Master or single cartons per layer (European pallet)	24
Mono yield	1800
Operating temperature range	50 to 91°F
Package count	1
Page yield (color)	~1,800 pages
Page yield (cyan)	(~1,800) pages

Pallet weight	134 kg
Print technology	Laser
Segment (filter)	Traditional HP Toners
Selectability	230
Storage temperature range	-4 to 104°F
Subgroup	Standard Capacity Cartridges
UNSPSC code	44103103
Warranty	HP's Premium Protection Warranty. This HP product is warranted to be free from defects in materials and workmanship. This warranty does not apply to print cartridges that (a) have been refilled, refurbished, remanufactured or tampered with in any way, (b) experience problems resulting from misuse, improper storage, or operation outside of the published environmental specifications for the printer product or (c) exhibit wear from ordinary use. To obtain warranty service, please return the product to place of purchase (with a written description of the problem and print samples) or contact HP customer support. At HP's option, HP will either replace products that prove to be defective or refund your purchase price. TO THE EXTENT ALLOWED BY LOCAL LAW, THE ABOVE WARRANT Y IS EXCLUSIVE AND NO OTHER WARRANTY OR CONDITION, WHETHER WRITTEN OR ORAL, IS EXPRESSED OR IMPLIED AND HP SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY, SATISFACTORY QUALITY, AND FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ALLOWED BY LOCAL LAW, IN NO EVENT WILL HP OR ITS SUPPLIERS BE LIABLE FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFIT OR DATA), OR OTHER DAMAGE, WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. THE WARRANTY TERMS CONTAINED IN THIS STATEMENT, EXCEPT TO THE EXTENT LAWFULLY PERMITTED, DO NOT EXCLUDE, RESTRICT OR MODIFY AND ARE IN ADDITION TO THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE SALE OF THIS PRODUCT TO YOU.
Weight	0.40 kg
Weight	0.88 lb

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