

Technical details

SUPPORTED OPERATING SYSTEMS

Compatible Operating Systems	Windows 10, 8.1, 8, 7, macOS 10.11 or later
Operating system (supported note)	Windows 10, 8.1, 8, 7, macOS 10.11 or later

ADVANCED FEATURES

Copier smart software features	Supported using HP Smart app
Energy savings feature technology	HP Auto-Off Technology
Printer smart software features	Manual Duplex
Scanner advanced features	Supported using HP Smart app

PRODUCT DESCRIPTION

Product disclaimer	Dynamic security enabled printer. Intended to be used with cartridges using only HP original electronic circuitry. Cartridges with modified or non-HP electronic circuitry may not work, and those that work today may not work in the future.
More at	http://www.hp.com/go/learnaboutesupplies

PROCESSOR

Processor speed	360 MHz
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APPEARANCE

Product color	Dark gray pearl w/dark gray woven
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PRINTING MEDIA HANDLING

Maximum input capacity (4x6 photo)	Up to 20 sheets
Maximum input capacity (photo paper)	Up to 20 Sheets
Maximum input capacity (sheets)	Up to 50 sheets
Maximum input capacity (cards)	Up to 20 cards
Maximum Input Capacity (envelopes)	Up to 5 envelopes
Maximum input capacity (labels)	Up to 5 sheets
Maximum input capacity (10x15cm photos)	Up to 20 sheets
Input capacity	Up to 50 sheets
Standard input capacity (cards)	Up to 20 cards
Standard input capacity (envelopes)	Up to 5 envelopes
Finished output handling	Sheetfed
Maximum output capacity (photo paper)	Up to 15 sheets
Maximum output capacity (cards)	Up to 15 cards
Maximum output capacity (envelopes)	Up to 5 envelopes
Maximum output capacity (sheets)	Up to 20 sheets

Output capacity	Up to 20 sheets
Standard output capacity (cards)	Up to 15 cards
Standard output capacity (envelopes)	Up to 5 envelopes

SUPPORTED PRINTING MEDIA

Media sizes, custom	76 x 127 to 216 x 356 mm
Media sizes supported	A4
	B5
Media types	A6
	DL envelope (Note: many other media sizes are supported. Anything from 76.2 x 127 to 215.9 x 355.6 mm)
Media weight, supported	Plain Paper, HP Photo Papers, HP Matte Brochure or Professional Paper, HP Matte Presentation Paper, HP Glossy Brochure or Professional Paper, other Photo Inkjet Papers, other Matte Inkjet Papers, other Glossy Inkjet Papers, Inkjet Hagaki, Plain Paper, Thick, Plain Paper, Light/Recycled
Media weight, recommended	60 to 300 g/m ²
	75 g/m ²

PRINT AREA

Maximum print area	216 x 355 mm
Bottom margin (A4)	12.7 mm
Left margin (A4)	3 mm
Right margin (A4)	3 mm
Top margin (A4)	3 mm

PRINT RESOLUTION

Print quality black (best)	Up to 1200 x 1200 rendered dpi
Print quality color (best)	Up to 4800 x 1200 optimised dpi colour (when printing from a computer and 1200 input dpi)

BOX CONTENTS

What's in the box	<p>HP Tango X Printer</p> <p>HP 303 Setup Black Instant Ink Ready (~125 pages)</p> <p>HP 303 Setup Color Instant Ink Ready (~110 pages)</p> <p>Power cable</p> <p>Setup card</p> <p>Info sheets</p> <p>Notices flyer</p> <p>Ink caution flyer</p> <p>No USB cable included, USB connection not supported</p> <p>For ink volume and page yield information, please visit http://www.hp.com/go/learnaboutsplies.</p>
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COPIER SPECIFICATIONS

Copier settings	Supported using HP Smart app
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MEMORY

Memory	256 MB DDR3
Memory Slots	None
Maximum Memory	256 MB DDR3
Standard memory note	Non-upgradable

DISPLAY SPECIFICATIONS

Display	Edge Light Display: 15 RGB LEDs and 2 Amber LEDs for cartridge related problems.
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CONNECTIVITY AND COMMUNICATIONS

Mobile printing capability	HP Smart app
Connectivity, standard	Wi-Fi
Network protocols, supported	9100 SNMP SLP IPP WS Wireless
Network capabilities	IEEE 802.11n Dual Band Wi-Fi Wi-Fi Direct BLE
Wireless capability	Yes, built-in Wi-Fi 802.11n, BLE

MULTIMEDIA AND INPUT DEVICES

Camera phone supported	No
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RACK AND POWER SPECIFICATIONS

Number of users	1-3 Users
Typical electricity consumption (TEC) number	0.026 kWh/Week (based customer using printer daily for 15 seconds)

WEIGHTS

Weight	3.4 kg
Package weight	4.59 kg

SYSTEM COMPONENTS

Control panel	3 Cap Sense buttons with LEDs. Green: resume Red: cancel White /Amber: info 3 Amber LEDs: input tray attention needed
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SYSTEM REQUIREMENTS

Minimum System Requirements for Macintosh	macOS 10.11 or later
Minimum System Requirements	Windows 10, 8.1, 8, 7, macOS 10.11 or later
System requirements, recommended	Windows 10, 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor 2 GB available hard disk space Internet connection

Recommended Macintosh system requirements	Internet Explorer Android requires 5.0 or above iOS requires 10.0 or above macOS 10.11 or later
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SOFTWARE AND APPLICATIONS

Software included	HP Smart app
Mac compatible	Yes

PRINT SPEED

Print speed black (ISO)	Up to 11 ppm
Print speed color (ISO)	Up to 8 ppm
Print speed	Up to 11 ppm (black) and 8 ppm (colour)
Print speed black (draft, A4)	Up to 20 ppm
Print speed black (ISO, A4)	Up to 11 ppm
Print speed color (draft, A4)	Up to 19 ppm
Print Speed Color (ISO)	Up to 8 ppm
Print speed color (normal, 10x15 photo)	As fast as 37 sec
Print speed (A4/letter) footnote number	[1]

PRINTER SPECIFICATIONS

Functions	Print, wireless (Copy and Scan using HP Smart App)
Multitasking supported	No
Borderless printing	Yes (up to 13 x 18 cm)
Duplex printing	Manual
Duty cycle (monthly, A4)	Up to 500 pages
Recommended monthly page volume	100 to 300
Memory card compatibility	None
Paper trays, maximum	1
Paper trays, standard	1
Print colors	Yes
Printer drivers included	HP PCL 3 GUI
Print languages	HP PCL3 GUI
Printer Management	Embedded Web Server
Vertical alignment accuracy	+/- 0.02 mm
Print technology	HP Thermal Inkjet
Photo proofsheets supported	No
Target user and print volume	For teams up to 3 users Prints up to 500 pages/month
SureSupply note	HP SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Internet. For more information, visit http://www.hp.com/learn/suresupply . Only

	available with original HP supplies Internet access required.
Recommended monthly page volume note	HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement
Duty cycle note	Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

DIMENSIONS

Minimum dimensions (W x D x H)	389 x 246 x 91 mm
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CARTRIDGES AND PRINTHEADS

Ink types	Pigment-based (black) dye-based (color)
Instant ink	HP Instant Ink eligible
Page yield (set-up/inbox cartridges)	~ 125 pages black, ~ 120 pages tri-color
Number of print cartridges	2 (1 black, 1 Tri-color)
Color(s) of printing supplies	Black, cyan, magenta, yellow
Print colors maximum	4
Print head nozzles	704 (black), 684 (Tri color)
Print heads	2 (1 black, 1 Tri-color [cyan, magenta, yellow])
Supplies feature	HP Instant Ink eligible
Replacement cartridges	T6N02AE HP 303 Black Original Ink Cartridge (~200 pages) T6N01AE HP 303 Tri-color Original Ink Cartridge (~165 pages) T6N04AE HP 303XL High Yield Black Original Ink Cartridge (~600 pages) T6N03AE HP 303XL High Yield Tri-color Original Ink Cartridge (~415 pages) Actual yield varies considerably based on content of printed pages and other factors For details see http://www.hp.com/go/learnaboutsupplies
Replacement cartridges footnote number	[4]

BATTERY AND POWER

Power	Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz).
Power supply type	Internal
Power consumption	100VAC/60Hz, (Wi-Fi connection only), 2.6350 watts (ready) 1.3433 watts (sleep) 0.0499 watts (off) 230VAC/50Hz (Wi-Fi connection only), 2.7324 watts (ready), 1.4632 watts (sleep), 0.0971 watts (off)
Power consumption footnote number	[3]
