Data sheet

HP Tango X

Welcome to the age of smart printing. HP Tango, the first smart home printer.[1]

HP Instant Ink

Built to match the way you live and designed to use with the HP Smart app, Tango helps you stay a step ahead by connecting and printing from any device, anywhere.[2,3]

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. Learn more at: http://www.hp.com/go/learnaboutsupplies

Highlights

- **Print, Scan, Copy from anywhere** with HP Smart app
- **IoT unboxing :** plug in, get app, connect
- **Instant Ink** and free photos from your smartphone.
- **Photo quality:** enjoy vivid, vibrant, true to life, colour accuracy and rich black text.
- **Dual-band Wi-Fi®** for a reliable connection between devices
- **Share to email or the cloud** from virtually anywhere

Mobile printing

Easy setup

Photo quality

Wireless

Smart and simple

- Get connected and start printing fast with seamless Wi-Fi® setup from your smartphone.[4]
- Easily print from a variety of smartphones, tablets, and laptops.[2]
- Have confidence in your connection with steady performance from dual band Wi-Fi®.[5]

More connected than ever

- Easily print everyday documents from your smartphone.[3]
- Get high-quality scanning, and share to email or the cloud – from virtually anywhere.[3]
- Make a copy from your smartphone with HP Smart app and send it to your printer from virtually anywhere.[3]
- Get notifications when printing, scanning, or copying from your smartphone.[3]

Save up to 70% on ink with HP Instant Ink[6]

- Save on ink and get it automatically delivered to your door.[7] Ink cartridges and delivery costs included in your monthly plan price.
- Get rich black text and vibrant graphics for all your everyday documents.
- HP 303 ink cartridges deliver authentic colours so all your prints will shine.
- No annual fee – change or cancel plans online anytime without penalty.[8]

Your photos print free

- Print photos from your smartphone for free, with Tango and HP Instant Ink.[9]

Technical specifications

Functions	Print, wireless (Copy and Scan using HP Smart App)
Print technology	HP Thermal Inkjet
Print speed	**Black (A4, ISO):** Up to 11 ppm; **Colour (A4, ISO):** Up to 8 ppm; As fast as 37 sec; **Draft black (A4):** Up to 20 ppm; **Draft colour (A4):** Up to 19 ppm
Print resolution	**Black (best):** Up to 1200 x 1200 rendered dpi; **Colour (best):** Up to 4800 x 1200 optimised dpi colour (when printing from a computer and 1200 input dpi);
Monthly duty cycle	Up to 500 pages A4; **Recommended monthly page volume:** 100 to 300
Printer smart software features	Manual Duplex
Standard print languages	HP PCL3 GUI
Print area	**Print margins:** Top: 3 mm, Bottom: 12.7 mm, Left: 3 mm, Right: 3 mm; **Maximum print area:** 216 x 355 mm
Borderless printing	Yes (up to 13 x 18 cm)
Number of supplies	2 (1 black, 1 Tri-color)
Multitasking supported	No
Memory card compatibility	None
Duplex printing	Manual
Copier specifications	Supported using HP Smart app
Copier smart software features	Supported using HP Smart app
Scanner advanced features	Supported using HP Smart app
Processor speed	360 MHz
Connectivity	**Standard:** Wi-Fi;
Wireless	Yes, built-in Wi-Fi 802.11n, BLE
Mobile printing capability	HP Smart app
Network capabilities	IEEE 802.11n; Dual Band Wi-Fi; Wi-Fi Direct; BLE
Memory	**Standard:** 256 MB DDR3; **Maximum:** 256 MB DDR3
Number of paper trays	**Standard:** 1; **Maximum:** 1
Media types	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 size	**Custom (metric):** 76 x 127 to 216 x 356 mm **Supported (metric):** A4; B5; A6; DL envelope (Note: many other media sizes are supported. Anything from 76.2 x 127 to 215.9 x 355.6 mm)
Input capacity	**Standard:** Up to 50 sheets **Maximum:** Up to 50 sheets
Output capacity	**Standard:** Up to 20 sheets Envelopes: Up to 5 envelopes Cards: Up to 15 cards **Maximum:** Up to 20 sheets
Compatible operating systems	Windows 10, 8.1, 8, 7, macOS 10.11 or later
Minimum system requirements	**Windows:** Windows 10, 8.1, 8, 7, macOS 10.11 or later **Mac:** macOS 10.11 or later
Software included	HP Smart app

Printer dimensions (W x D x H)	**Minimum:** 389 x 246 x 91 mm; **Maximum:** 389.6 x 615.8 x 260.7 mm;
Printer weight	3.4 kg
Package weight	4.59 kg
Operating environment	**Temperature:** 5 to 40°C **Humidity:** 20 to 80% RH
Storage conditions	**Temperature:** -40 to 60°C **Humidity:** 5 to 90% RH (non-condensing)
Power	**Requirements:** Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz).; **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); **Typical Electricity Consumption (TEC):** 0.026 kWh/Week (based customer using printer daily for 15 seconds); **Power supply type:** Internal;
Certifications	ENERGY STAR® certified
Country of origin	Made in Thailand
Control panel	3 Cap Sense buttons with LEDs. Green: resume; Red: cancel; White /Amber: info; 3 Amber LEDs: input tray attention needed
What's in the box	**3DP65B:** HP Tango X Printer; HP 303 Setup Black Instant Ink Ready (~125 pages); HP 303 Setup Color Instant Ink Ready (~110 pages); Power cable; Setup card; Info sheets; Notices flyer; Ink caution flyer; No USB cable included, USB connection not supported; For ink volume and page yield information, please visit http://www.hp.com/go/learnaboutsupplies.
Supplies	**T6N01AE** HP 303 Tri-color Original Ink Cartridge **T6N02AE** HP 303 Black Original Ink Cartridge **T6N03AE** HP 303XL High Yield Tri-color Original Ink Cartridge **T6N04AE** HP 303XL High Yield Black Original Ink Cartridge **W2G60A** HP Social Media Snapshots Removable Sticky Photo Paper-25 sht/10 x 13 cm
Service and Support	**UG195E** HP 3 year Care Pack with Standard Exchange for OfficeJet Printers **UG071E** HP 3 year Care Pack with Next Day Exchange for OfficeJet Printers **UG244E** HP 3 year Care Pack with Return to Depot Support for OfficeJet Printers (UG195E - available in All EMEA countries Except ME, Africa, South Africa, Israel, Turkey, UG071E - available in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UG244E - available in ME, Africa, South Africa, Israel, Turkey)
Warranty	This product includes one-year technical support; One-year limited hardware warranty; Access to 24/7 web support services through http://www.hp.com/support/tango

Footnotes

[1] "Smart Home Printer" defined using the following criteria: 1) Designed exclusively for mobile devices, and driven by an OEM printer app, like other IoT devices. This HP Tango device is designed exclusively for mobile devices since it requires a mobile device for install. 2) Uses both local Wi-Fi and cloud cell phone data connectivity for two-way connection with OEM app to control printer and get status. 3) Offers HP Voice Printing support for Amazon Alexa, the Google Assistant, Microsoft Cortana and Baidu DuerOS. Availability varies – as of June 19, 2019: UK, Ireland. (See the report: http://www.keypointintelligence.com/HPVoicePrint). 4) Unique in-class in that it lacks a screen/display, buttons/LEDs other than the power button, and a USB port. Smart home devices often lack screen/display and buttons/LEDs and USB port, since they are designed for wireless and control by OEM provided app on smart device like phone or tablet. 5) Apple MFi-certified for full compatibility with Apple devices and easier setup. Compared to the majority of in-class letter-size colour desktop inkjet printers and all-in-ones <€150. Claim based on HP internal research of printer manufacturers' published specifications and Keypoint Intelligence - Buyers Lab March 29, 2018 study commissioned by HP. For details, see http://www.keypointintelligence.com/HPTango. Market share as reported by IDC CYQ4 2017 Hardcopy Peripherals Tracker.
[2] For details on local printing requirements see http://hp.com/go/mobileprinting.
[3] Requires the HP Smart app download. Features controlled may vary by mobile device operating system. Full list of supported operating systems and details at http://support.hp.com/us-en/document/c03561640. For details on local printing requirements see http://hp.com/go/mobileprinting.
[4] Based on internal HP testing. Average timing estimate based on plugged-in printer and downloaded HP Smart app. Printer and mobile device must be able to connect to wireless network. Mobile device needs to support Bluetooth v4.0+ and be enabled. Performance varies depending on user network connection and other factors. For details on Bluetooth® Smart see http://www.hp.com/go/bleprinting. Bluetooth is a trademark owned by its proprietor and used by HP under license. For details on local printing requirements see http://hp.com/go/mobileprinting.
[5] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at http://hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®.
[6] Based on HP Instant Ink service 300 page plan (savings for other plans will be lower). Based on use of all pages in plan without purchase of additional sets of pages compared to cost per page (CPP) to print ISO/IEC 24711 pages on market majority of colour inkjet printers less than 200 Euro using original standard capacity cartridges as reported by IDC in Q1 2018. Survey based upon indicative manufacturers' supplies pricing as reported by SPIRE as of June 2018 and page yield listed on manufacturers' website as of June 2018. For further details please refer to hp.com/go/iecompare. All prices include VAT. ISO yield based on continuous printing in default mode. Actual savings may vary depending on number of pages actually printed per month and content of pages printed. For more information on ISO standards: hp.com/go/pageyield.
[7] Ordered by your printer when needed, subject to customer internet connection. Availability may vary in exceptional circumstances. Express deliveries available via Support Services, if you use more ink than anticipated. See hp.com/go/instantinksupport for troubleshooting assistance and contact support options.
[8] Change or cancel your plan at anytime online. If you decide to cancel your HP Instant Ink plan you can go back to using HP original Standard or XL cartridges. Plan upgrades are effective immediately and the charges will be applied retrospectively or in the next billing cycle, depending on user choice. Plan downgrades and cancellations are effective after the last day of the current billing period. For full details go to instantink.hpconnected.com/uk/en/terms.
[9] Sign up for an HP Instant Ink monthly paid plan and get free photos from your mobile device. Photos printed from a mobile device on paper up to 13 x 18 cm will not count against the pages of your HP Instant Ink paid plan. Paper not included. HP reserves the right to modify or cancel the free photos offer anytime on 60 days notice. This offer cannot be redeemed for cash except as required by law. Service is not available in all countries. To check availability, visit hpinstantink.com. Internet connection and valid credit card are required to participate. Additional information available in HP Instant Ink terms at instantink.hpconnected.com/terms. For full offer details see hpinstantink.com/tango.