



HP Smart Tank 5105 All-in-One Printer

Intuitively smart. Light on price.



Discover intuitively smart capabilities and savings with the HP Smart Tank 5105 All-in-One Printer with up to 2 years of printing included at an ultra-low cost per page.

Highlights

- Simple set-up
- Border-less printing
- Made from recycled plastic
- Flatbed scanner
- Spill-free refill bottles



Easy setup



Auto on/off



Affordability



Eco friendly

Simple, intuitive design

- Mobile-guided, seamless setup
- Intuitive design with smart-guided buttons
- Thinks ahead with low-on-in sensors

Ready when you are

- Stay connected with self-healing Wi-Fi
- Easy mobile printing with best-in-class HP Smart app
- HP Auto-On/Off technology turns your printer on when you need it and off when you don't

Everyday tank value

- Affordable, everyday Smart Tank
- Printer tells you what to do next with smart buttons
- Help to save time with hassle-free ink refills

Environmentally-conscious printing

- Better for you and for the planet with more than 45% recycled plastic
- Help to reduce plastic waste with cartridge-free printing
- Easy recycling at no charge through HP Planet Partner

Footnotes

Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2

Requires the HP Smart app download. For details on local printing requirements see www.hp.com/go/mobileprinting. Certain features/software are available in English language only and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. For details, see: www.HPSmart.com Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores.

Wireless operations are compatible with 2.4 GHz operations only. Learn more at www.hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®.

Black and composite color average per bottle (cyan/magenta/yellow) results based on HP methodology and continuous printing of ISO/IEC 24712 test pages. Not based on ISO/IEC 24711 test process. An additional black ink bottle is required to print 6000 color test pages. Actual yield varies based on content of printed pages and other factors. Some ink from included bottles is used to start up the printer. For details, see: www.hp.com/go/learnaboutsupplies.

HP ink bottles compared to HP ink cartridges. Cost per page based on expected black and composite (cyan/magenta/yellow) page yield results based on HP methodology and continuous printing of ISO/IEC 24712 test pages. Not based on ISO/IEC 24711 test process. Actual yield varies based on content of printed pages and other factors. Some ink from included bottles is used to start up the printer. For more information about fill and yield, see hp.com/go/learnaboutsupplies.

HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

Program availability varies. See hp.com/recycle.

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After 12 months, monthly fee applies to continue advanced features with HP Smart Advance. HP Smart Advance is not available in all countries.

Original HP Ink Bottles with colored caps compared to bottles with white caps.

Technical specifications

Functions	Print, copy, scan
Print technology	HP Thermal Inkjet
Print speed	Black (A4, ISO): Up to 12 ppm; Colour (A4, ISO): Up to 5 ppm; Draft black (A4): Up to 22 ppm; Draft colour (A4): Up to 16 ppm
First page out	Black (A4, ready): As fast as 14 sec; Colour (A4, ready): As fast as 21 sec
Print resolution	Black (best): Up to 1200 x 1200 rendered dpi; Colour (best): Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
Monthly duty cycle	Up to 3,000 pages A4; Recommended monthly page volume: 400 to 800
Standard print languages	HP PCL 3 GUI; HP PCLm (HP Apps/UPD); URF (AirPrint)
Print area	Print margins: Top: 3 mm, Bottom: 3 mm, Left: 3 mm, Right: 3 mm; Maximum print area: 216 x 355 mm
Borderless printing	Yes (up to 8.5 x 11 in, 210 x 297 mm)
Number of supplies	4 (1 each black bottle, set of 3 color bottles)
Multitasking supported	No
Duplex printing	Manual (driver support provided)
Copy speed	Black (A4, ISO): Up to 10 cpm; Colour (A4, ISO): Up to 2 cpm
Copier specifications	Copier settings: Actual size; Binding Margin; Color; Black; ID Copy; Resize; Quality (Draft/Normal/Best); Enhancement; Lighter/Darker; Number of Copies; Maximum number of copies: Up to 99 copies; Copy resolution: Up to 600 dpi; Reduce/Enlarge: Via HP Smart app
Scan file format	JPEG; PDF
Scanner specifications	Scanner type: Flatbed only; Scan input modes: Copy; HP Software; EWS; Twain version: Version 2.4; Scan size maximum (flatbed): 216 x 297 mm; Optical scan resolution: Up to 1200 dpi
Scannable area	Maximum media size (flatbed): 216 x 297 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	Standard: Scan to file (from software); HP Smart Tasks
Processor speed	980 MHz
Connectivity	Standard: 1 Bluetooth Low Energy; 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11b/g/n; 1 Wi-Fi Direct
Wireless	Yes, built-in Wi-Fi 2.4G, Wi-Fi Direct, Bluetooth Low Energy
Mobile printing capability	HP Smart app; Apple AirPrint; Mopria Print Service; HP Print Service Plugin (Android printing); Wi-Fi Direct Printing
Network capabilities	Yes (via WiFi)
Hard disk	No
Memory	Standard: 64 MB Integrated DDR1
Number of paper trays	Standard: 1
Media types	Plain paper, Matte Brochure Papers, Glossy Brochure Papers, Photo papers, Envelopes, Other specialty inkjet papers
Media size	Custom (metric): 88.9 x 127 to 215.9 x 355.6 mm Supported (metric): A4; B5; A6; DL envelope, legal
Media weight, supported	Plain paper: 60 to 90 g/m ² ; Envelopes: 75 to 90 g/m ² ; Cards: up to 200 g/m ² ; Photo paper: up to 300 g/m ²

Input capacity	Standard: Up to 100 sheets Envelopes: Up to 10 envelopes Labels: Up to 10 sheets Cards: Up to 30 cards
Output capacity	Standard: Up to 30 sheets Envelopes: Up to 10 envelopes Labels: Up to 10 sheets Cards: Up to 30 cards
Compatible operating systems	Windows 11; Windows 10; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey
Minimum system requirements	Windows: Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge. Mac: Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey; 2 GB HD; Internet required
Software included	HP Printer Software
Printer dimensions (W x D x H)	Minimum: 434.66 x 361.53 x 157.26 mm; Maximum: 434.66 x 580.65 x 259.37 mm
Package dimensions (W x D x H)	495 x 198 x 478 mm
Printer weight	5.03 kg
Package weight	7.2 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)
Acoustics	Acoustic power emissions: 6.4 B(A) Acoustic pressure emission: 56.8 dBA
Power	Requirements: Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz). High voltage: Input voltage 200 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Consumption: 0.109 watts (manual-Off), 3.023 watts (ready), 1.096 watt (sleep); Power supply type: Internal built in
Certifications	CISPR 32 2015+A1:2019 Class B/EN 55032:2015+A11:2020 Class B; CISPR 24:2010 +A1:2015/EN 55024:2010 +A1:2015; CISPR 35:2016/EN 55035:2017+A11:2020; EN IEC 61000-3-2:2019; EN 61000-3-2:2014; EN 61000-3-3:2013 +A1:2019; EN 301 489-1 V2.2.3; EN 301 489-17 V3.2.4; FCC CFR 47 Part 15; ICES-003, Issue 7; VCCI-CISPR32:2016
Sustainable impact specifications	45% post-consumer recycled plastic; EPEAT® registered
Country of origin	Made in China
Control panel	Power On/Off, Cancel, Resume, Color Copy, Black copy, ID copy, Wi-Fi and Info button
What's in the box	1F3Y3A: HP Smart Tank 5105 All-in-One Printer; HP 32XL 135ml Black Original Ink Bottle; HP 31 50ml Cyan Original Ink Bottle; HP 31 50ml Magenta Original Ink Bottle; HP 31 50ml Yellow Original Ink Bottle; HP Black Printhead; HP Tri-color Printhead; Power cord; Ink caution flyer; Setup guide; Reference guide; Regulatory flyers; Warranty flyers
Supplies, After market or Supplies, replacement	1VU26AA HP 31 70-ml Cyan Original Ink Bottle 1VU27AA HP 31 70-ml Magenta Original Ink Bottle 1VU28AA HP 31 70-ml Yellow Original Ink Bottle 1VU24AA HP 32XL 135-ml Black Original Ink Bottle
Warranty	One-year or 30,000 pages limited hardware warranty, whichever is earlier from the date of purchase. For more info please visit us at http://support.hp.com

