



HP Smart Tank 5107 All-in-One Printer

The smarter, more connected tank printer



Enjoy everyday reliability with the HP Smart Tank 5107 All-in-One Printer that delivers the HP quality you expect and savings that are anything but expected¹

Highlights

- Mobile setup
- Smart buttons
- Low-on-ink sensors
- Self-healing Wi-Fi
- HP Smart app w/ Smart Advance
- Auto-On/Off technology
- Spill-free ink refills
- HP Wolf Essential security

Smart tank value

- Up to 3 years of ink keeps you printing at a fraction of the cost^{2,3}
- Save on energy with HP Auto-On/Auto-Off technology⁴
- Ink sensors help prevent costly printhead replacements

Ready when you are

- Stay connected and keep printing with self-healing Wi-Fi⁵
- Print and scan on the go from any mobile device⁶
- Mobile fax with HP Smart app⁵

Conveniently intuitive

- Easy mobile-guided setup⁶
- Printer tells you what to do next with smart buttons
- Colour-coded, mess-free recyclable bottles for easy refill⁷



Easy setup



Auto on/off



Affordability



Eco friendly

Footnotes

¹ 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 <https://hp.com/go/learnaboutsupplies>

² Based upon 150 pages per month of HP Smart Tank customers' usage. Actual yield varies considerably based on content of printed pages and other factors. Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Some ink from included bottles is used to start up the printer. For details, see: <https://hp.com/go/learnaboutsupplies>

³ Black and composite colour 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 6,000 colour 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: <https://hp.com/go/learnaboutsupplies>

⁴ HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

⁵ 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®.

⁶ Requires the HP Smart app download. For details on local printing requirements see <https://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: <https://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. Fax capabilities are for sending a fax only.

⁷ Ink bottles can be recycled through HP's Planet Partner Program. Program availability varies. See <http://hp.com/go/recycle>

Technical specifications

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| Functions | Print, copy, scan |
| Print technology | HP Thermal Inkjet |
| Print speed ^{2,7} | 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; Draft black (A4 Memo): Up to 30 ppm; Draft colour (A4 Memo): Up to 24 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 ⁴ | 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 | JPG; PDF; PNG; TIFF; HEIF |
| 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 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 |
| Mobile printing capability ³ | 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; macOS 13 Ventura; macOS 14 Sonoma |

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| Minimum system requirements | Windows: Microsoft® Windows® 11, 10; 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge. Mac: Apple® macOS 10.15 Catalina, macOS 11 Big Sur, macOS 12 Monterey; 2 GB HD; Internet required, macOS 13 Ventura; macOS 14 Sonoma. |
| Software included | HP Printer Software |
| Printer dimensions (W x D x H) ¹ | 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 ² | 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 (+/- 3Hz); 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; ENERGY STAR® certified; 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 | 5D1B1A: HP Smart Tank 5107 All-in-One Printer; HP 32XL 135-ml Black Original Ink Bottle (1VU24A); HP 31 50-ml Cyan Original Ink Bottle (6ZE06A); HP 31 50-ml Magenta Original Ink Bottle (6ZE07A); HP 31 50-ml Yellow Original Ink Bottle (6ZE08A); HP Black Original Printhead (MOH50A); HP Tri-Color Original Printhead (6ZA18AE); Setup Guide; Reference Guide; Ink Caution flyer; Regulatory flyer; Warranty flyer; Power Cord; For more information about fill and yield, see https://www.hp.com/go/learnaboutsupplies |
| Supplies, After market or Supplies, replacement | 1VU26AE HP 31 70-ml Cyan Original Ink Bottle 1VU27AE HP 31 70-ml Magenta Original Ink Bottle 1VU28AE HP 31 70-ml Yellow Original Ink Bottle 1VU24AE HP 32XL 135-ml Black Original Ink Bottle 6ZA17AE HP 6ZA17AE Black Printhead 6ZA18AE HP 6ZA18AE Tri-color Printhead |
| Service and Support | UC31E HP 3 years Standard Exchange (available in All EU countries except Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey) UA5COE HP 3 years Next Business Day Exchange (available in Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, United Kingdom) UA5CZE HP 3 years Return to Depot (available in Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey) |
| Warranty | One-year or 30,000 pages limited hardware warranty, whichever is earlier from the date of purchase and get up to 2 years extended warranty upon registration at https://www.hp.com/go/inkTank-SmartTank-warranty . User replaceable parts have separate warranty periods. |

¹ Dimensions vary as per configuration ² Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ³ Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see <http://hpconnected.com>. Print times and connection speeds may vary. Apple, AirPrint, Mac, and macOS are trademarks of Apple Inc., registered in the U.S. and other countries. Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Windows is a trademark of the Microsoft group of companies. Mopria®, the Mopria® Logo, and the Mopria Alliance™ word mark and logo are registered and/or unregistered trademarks and service marks of Mopria Alliance, Inc. in the United States and other countries. Unauthorized use is strictly prohibited ⁴ Speed specifications have been updated to reflect current industry testing methods. ⁵ Either after first page or after first set of ISO test pages. For details see: <http://hp.com/go/printerclaims> ⁷ Based on HP internal A4 Memo draft document methodology. For details see <https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA8-4168ENW>.

