



HP Smart Tank 7605 All-in-One

Take productivity up a level with premium printing and two years of Original HP Ink included.¹

Take productivity up a level with a modern touch interface and premium experience on this high-capacity ink tank printer. Plus, get outstanding print quality at a low cost, with up to two years of Original HP ink included in the box.¹



A premium experience for maximum productivity



- Speed through multi-page documents with automatic two-sided printing.
- Get faster, more reliable connections using dual band Wi-Fi® with self-healing.⁴
- Streamline workflow with Shortcuts on the HP Smart app.³ Print, scan, share, and more—in just a tap.²
- Easily manage tasks with an integrated, modern touch interface for an intuitive experience.



Fully loaded with savings

- Get up to 8000 color or 6000 black pages of Original HP Ink included in the box.⁶
- Print at high volumes at an extremely low cost-per-page with this high-capacity ink tank system.⁵
- Replenishing ink is clean and easy with HP's innovative spill-free refill system.⁷



Environmentally conscious printing

- This printer is made from recycled printers and other electronics—more than 25% by weight of plastic.
- EPEAT Silver certified printer: an environmentally conscious choice.
- Count on easy cartridge recycling at no charge through HP Planet Partners.⁹
- HP FSC®-certified paper is sustainably sourced, helping stop deforestation and protect wildlife.

Footnotes

¹ Based on average monthly print volumes of approximately 200 pages and based on local Australian usage data of HP ink tank systems, assuming comparable usage. Actual yields may vary considerably depending on reasons including subject matter, print settings, temperature, and humidity. Yields may be lower when printing infrequently or predominantly with a single ink color. Some ink from included bottles is used to start up the printer. For details see www.hp.com/go/learnaboutsupplies.

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. See details at 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.

³ Based on internal HP testing. Average timing estimate based on: 1) downloaded HP Smart app on mobile or desktop device, 2) setting up Shortcuts, 3) scanning jobs which have more than 2-3 tasks associated with them (scan to email, save and rename, store to cloud, etc.). Average timing savings comparison based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP Smart app download and supported HP printer. For details on local printing requirements see www.hp.com/go/mobileprinting.

⁴ Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs 2.4 GHz band (up to 72.2 mbps).

⁵ 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.

⁶ 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 8000 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 more information about fill and yield, see hp.com/go/learnaboutsupplies.

⁷ When used in accordance with setup instructions.

⁸ Made with more than 25% recycled plastic by weight.

⁹ Program availability varies. See hp.com/recycle.

Technical specifications

Functions	Print, Copy, Scan, Fax, ADF and Wireless
Print	
Borderless printing	Yes (up to 8.5 x 11 in, 210 x 297 mm)
Duplex printing	Automatic
Print speed ⁵	Black (A4, normal): Up to 15 ppm; Color (A4, normal): Up to 9 ppm; Black (A4, draft): Up to 23 ppm; Color (A4, draft): Up to 22 ppm; Black (ISO): Up to 15 ppm; Color (ISO): Up to 9 ppm
First page out	Black (A4, ready): As fast as 14 sec; Color (A4, ready): As fast as 16 sec
Print technology	HP Thermal Inkjet
Print resolution	Black (best): Up to 1200 x 1200 rendered dpi; Color (best): Up to 4800 x 1200 optimized dpi color when printing from a computer and 1200 input dpi
Standard print languages	HP PCL 3 GUI
Scan	
Scan speed	Normal (A4): Up to 8 ipm (200 ppi, mono); Up to 3.5 ipm 200 ppi, color)
Scanner specifications	Scanner type Flatbed and ADF; Scan technology: Contact Image Sensor (CIS); Scan input modes: Front Panel Scan; Copy; Fax; HP Software; EWS; Scan size maximum (ADF): 216 x 356 mm; Scan size maximum (flatbed): 216 x 297 mm; Optical scan resolution: Up to 1200 dpi; Enhanced Scan Resolution: Up to 1200 dpi; Hardware resolution: Up to 1200 x 1200 dpi
Scan file format	JPEG, TIFF, PDF, BMP, PNG
Copy	
Copy speed ⁴	Black (ISO): Up to 13 cpm; Color (ISO): Up to 6 cpm
Copier specifications	Copier settings: Number of Copies, Access copier settings of Resize, Quality, Lighter/Darker, Papersize, Papertype settings via HP Smart; Maximum number of copies: Up to 99 copies; Copy resolution: Up to 600 dpi
Fax	
Fax speed	33.6 kbps / 4 sec per page
Fax specifications	Fax memory: Up to 100 pages; Fax resolution: Up to 300 x 300 dpi; Auto fax reduction supported: Yes; Auto-redialing: Yes; Fax delayed sending: Yes; Distinctive ring detection supported: Yes; Junk barrier supported: Yes; Maximum speed dialing numbers: Up to 99 numbers; PC interface supported: Yes, PC fax send and archive; Fax polling supported: No; Fax: Yes, color
Fax smart software features	Yes
Connectivity	
Standard connectivity	Hi-Speed USB 2.0; Wi-Fi; Bluetooth LE; 1 USB Host; LAN
Mobile printing capability ³	Apple AirPrint; Mopria Print Service; HP Print Service Plugin (Android printing); HP Smart app; Wi-Fi Direct Printing
Wireless capability	Yes, 2.4/5G dual band Wi-Fi, Wi-Fi Direct, Bluetooth low energy
Network capabilities	Yes, via built-in Ethernet; Wi-Fi
Memory	Standard: 256 MB; Maximum: 256 MB
Processor speed	800 MHz
Paper handling	
Automatic document feeder	Standard, 35 sheets
Duty cycle (monthly)	Duty cycle (monthly, A4): Up to 6,000 pages; Recommended monthly page volume: 400 to 1200
Input capacity	250-sheet input tray
Output capacity	100-sheet output tray
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, Light/Recycled
Media weight	Plain paper: 60 to 105 g/m ² ; Envelopes: 75 to 90 g/m ² ; Cards: up to 200 g/m ² ; Photo paper: up to 250 g/m ²
Media size	Custom (metric): 88.9 x 127 mm to 215.9 x 355.6 mm; Supported (metric): A4; A5; A6; B5 (JIS); Envelope (DL, C5, C6, Chou #3, Chou #4); Card (Hagaki, Ofuku Hagaki)
Printer dimensions (W x D x H)¹	42.75 x 36.40 x 24.03 cm
Printer weight	7.70 kg
What's in the box	HP Smart Tank 7605 All-in-One; HP 31 Cyan Original Ink Bottle; HP 31 Magenta Original Ink Bottle; HP 31 Yellow Original Ink Bottle; HP 32XL Black Original Ink Bottle; HP Black Printhead; HP Tri-color Printhead; Ink caution flyer; Setup guide; Reference guide; Regulatory flyer; RoH-EAC Regulatory flyer; Power cord; [For more information about fill and yield, see http://www.hp.com/go/learnaboutsupplies
Warranty	With services, software, solutions and support from HP Total Care, you can use, protect and enjoy your HP technology; one-year technical support; one-year or 50,000 pages limited hardware warranty, whichever is earlier from the date of purchase; user replaceable parts have separate warranty periods; access to 24/7 world-class support services through http://www.hp.com/support ; to improve your product experience, please take the time to register at http://www.register.hp.com
Systems	
Compatible operating systems	Windows 10, 7; macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur;
Minimum system requirements	Windows: Windows 10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer.; Mac: macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Control panel	3 in (76.2 mm) Touchscreen MGD (Mono Graphics Display), touch button (cancel, help, back)
Display	3 in (76.2 mm) Touchscreen MGD (Mono Graphics Display)
Power²	Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Consumption: 0.1 watts (off); 1.10 watts (sleep); Typical Electricity Consumption (TEC): 0.20 kWh/Week; Power supply type: Internal
Operating environment	Operating temperature range: 5 to 40°C; Recommended operating temperature range: 15 to 30°C Operating humidity range: 15 to 80% RH (non-condensing); Recommended operating humidity range: 20 to 80% RH
Ecolabels	EPEAT® Silver registered in the U.S.; CEECP; SEPA
Acoustics	Acoustic power emissions (active printing): 6.5 B(A) (printing at 10ppm); Acoustic power emissions (active copy): 6.3 B(A) (copying at 9ppm with ADF running); Acoustic pressure emissions: 59.4 dB(A) (printing at 10ppm)
Safety approvals and requirements	IEC 60950-1 & IEC 62368-1 Ed. 2 compliant; Safety CSA NRTL; EU RED and EN 62368-1 Ed. 2 compliant; NEMKO GS approved; Mexico NOM-1-NYCE, Singapore "Safety Mark"; Russia EAC; China CCC

Technical specifications disclaimers

¹ Dimensions vary as per configuration² 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 and 5 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://hpconnect.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>⁶ Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For details see <http://hp.com/go/learnaboutsupplies>

To learn more, visit hp.com

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Ordering information

Number	Description
28C02A	HP Smart Tank 7605 All-in-One (JP only)

Supplies and Media

Number	Description
1VU26AA	HP 31 70-ml Cyan Original Ink Bottle (~8,000 pages)
1VU27AA	HP 31 70-ml Magenta Original Ink Bottle (~8,000 pages)
1VU28AA	HP 31 70-ml Yellow Original Ink Bottle (~8,000 pages)
1VV24AA	HP 32XL 135-ml Black Original Ink Bottle (~6,000 pages)

HP Care Packs

Number	Description
U35PBE	HP 3 Year Care Pack Next Day Exchange MFP Page Limit HI SVC
U35PFE	HP 3 Year Care Pack Onsite Exchange MFP Page Limit HI SVC
U35PHE	HP 3 Year Care Pack Return to Depot MFP Page Limit HI SVC
U6N05E	HP Installation with Networking Service for Consumer Printer

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

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