



HP Smart Tank Wireless 455



Get up to two years of ink and easy mobile printing with one simple purchase.^{2,3} Print up to 8,000 colour and 6,000 black pages¹ from a spill-free ink system⁴ – and produce outstanding quality.

Highlights

- Wireless & Mobile printing
- Fast easy setup
- High Quality long-lasting inks
- Clean, easy refill experience
- Extremely low cost Printing



Quiet mode



Wireless direct



Borderless

Out-of-the-box convenience

- Long-lasting print performance with up to two years of ink in the box.²
- Print up to 8,000 pages with a set of HP colour bottles or up to 6,000 pages with an HP black ink bottle.¹
- Print high volumes at an extremely low cost-per-page with this high-capacity ink tank system.⁵

No mess. No waste.

- Easily refill your ink tank system with spill-free, resealable bottles.⁴
- Easily monitor ink levels and replenish Original HP ink when you want.
- Transparent ink tanks allow you to print with confidence.

Exceptional HP quality

- Count on darker, crisper text, time after time.⁶
- Count on HP Original inks for photos that last up to 22 times longer.⁷
- Create borderless brochures, flyers, photos, and other documents that look great – right in your office.
- Get the features you need for work and other tasks with copy and scan functions.

Easy mobile printing and scanning

- Print from your smartphone, and scan and share from virtually anywhere.⁸
- Order ink directly through the HP Smart app.⁸
- Easily print from a variety of smartphones and tablets.³
- Connect your smartphone or tablet directly to your printer, and easily print without accessing a network.⁹

Technical specifications

Functions	Print, copy, scan, wireless
Print technology	HP Thermal Inkjet
Print speed	Black (A4, ISO): Up to 8 ppm; Colour (A4, ISO): Up to 5 ppm; Draft black (A4): Up to 19 ppm; Draft colour (A4): Up to 15 ppm
First page out	Black (A4, ready): As fast as 14 sec; Colour (A4, ready): As fast as 18 sec
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 on selected HP photo papers and 1200 input dpi)
Monthly duty cycle	Up to 1,000 pages A4; Recommended monthly page volume: 400 to 800
Standard print languages	HP PCL 3 GUI
Print area	Print margins: Top: 3 mm, Bottom: 3 mm, Left: 3 mm, Right: 3 mm; Maximum print area: 221 x 355 mm
Borderless printing	Yes, up to 210 x 297 mm (A4)
Number of supplies	1 black bottle, set of 3 colour bottles
Multitasking supported	No
Duplex printing	Manual (driver support provided)
Copy speed	Black (A4, ISO): 6.5 cpm; Colour (A4, ISO): 2 cpm
Copier specifications	Copier settings: Auto-enlarge; Maximum number of copies: Up to 9 copies; Reduce/Enlarge: fit to page
Scan speed	Normal (A4): Up to 21 seconds;
Scan file format	JPEG, TIFF, PDF, BMP, PNG
Scanner specifications	Scanner type: Flatbed; Scan input modes: Scanning via HP Photosmart Software; Twain version: Version 2.1; Optical scan resolution: Up to 1200 x 1200 dpi
Scanner advanced features	No
Bit depth/ Grey scale levels	24-bit / 256
Fax	None
Fax smart software features	No
Processor speed	365 MHz
Connectivity	Standard: 1 Hi-Speed USB 2.0
Wireless	Yes
Mobile printing capability	Yes
Network capabilities	None
Memory	Standard: Integrated
Number of paper trays	Standard: 1
Media types	Plain Paper; HP Photo Papers; HP Matte Brochure or Professional Paper; HP Matte Presentation Paper; HP Glossy Brochure or Professional Paper; Photo Inkjet Papers; Matte Inkjet Papers; Glossy Inkjet Papers
Media size	Custom (metric): 76.2 x 127 to 215 x 355 mm Supported (metric): A4; B5; A6; DL envelope
Media weight, supported	A4: 60 to 90 g/m ² ; HP envelopes: 75 to 90 g/m ² ; HP cards: Up to 200 g/m ² ; HP 10 x 15 cm photo paper: Up to 300 g/m ²
Input capacity	Standard: Up to 60 sheets ADF: No Envelopes: Up to 5 envelopes Labels: Up to 10 sheets Cards: Up to 20 cards
Output capacity	Standard: Up to 25 sheets Envelopes: Up to 5 envelopes Labels: Up to 10 sheets Cards: Up to 20 cards

Compatible operating systems	Windows 11; Windows 10; Windows 8; Windows Vista; macOS X 10.10 Yosemite; macOS 10.11 El Capitan; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina
Minimum system requirements	Windows: Windows XP SP3 or higher (32-bit only); any Intel Pentium II, Celeron or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8 Mac: OS X v10.10 Yosemite, OS X v10.11 El Capitan, macOS Sierra v10.12 (previously OS X), 1.5 GB available hard disk space, Internet access
Software included	HP Printer Software, HP Photo Creations
Printer dimensions (W x D x H)	Minimum: 525 x 310 x 158 mm; Maximum: 525 x 553.5 x 256.6 mm
Package dimensions (W x D x H)	591 x 396 x 203 mm
Printer weight	4.67 kg
Package weight	5.88 kg
Operating environment	Temperature: 10 to 40°C Humidity: 25 to 80% RH
Storage conditions	Temperature: -40 to 60°C Humidity: 10 to 90% RH (non-condensing)
Acoustics	Acoustic power emissions: 6.0 B(A) Acoustic pressure emission: 52 dB
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 (+/- 3Hz). Not dual voltage, power supply varies by part number with # Option code identifier.; Consumption: 10 watts maximum, 0.07 watts (Off), 2.1 watts (Standby), 0.88 watt (Sleep); Power supply type: Internal
Certifications	CISPR 22:2008/EN 55022:2010 Class B; CISPR24:2010/EN 55024:2010; EN 61000-3-2:2006+A1:2009+A2:2009; EN 61000-3-3:2013; ICES-003, Issue 5 Class B; GOST (Russia)
Sustainable impact specifications	No
Country of origin	Made in China
Control panel	7 LEDs and 9 buttons, also with one ICON LCD for display
What's in the box	Z4B56A: HP Smart Tank Wireless 455; HP 30 Black Ink Bottle (135 CC, 6,000 pages); HP 31 Cyan Ink Bottle (70CC, 8,000 pages); HP 31 Magenta Ink Bottle (70CC, 8,000 pages); HP 31 Yellow Ink Bottle (70CC, 8,000 pages); No CD flyer; Setup poster; Power cord; For ink volume and page yield information, visit http://www.hp.com/go/learnaboutesupplies
Supplies, After market or Supplies, replacement	1VU24AE HP 32XL 135-ml Black Original Ink Bottle 7HF70A HP Matte Photo Paper, 180 g/m ² , 10 x 15 cm (101 x 152 mm), 25 sheets 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
Service and Support	U9UC1E HP 2 year Care Pack with Standard Exchange for Multifunction Printers U9NQ9E HP 2 year Care Pack with Next Day Exchange for Multifunction Printers U9NR5E HP 2 year Care Pack with Return to Depot Support for Multifunction Printers (U9UC1E: All EMEA countries Except ME, Africa, South Africa, Israel, Turkey, U9NQ9E: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech, Greece, Hungary, Poland, Slovakia, U9NR5E: ME, Africa, South Africa, Israel, Turkey)

Footnotes

- ¹ 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 8,000 colour test pages. Actual yield varies based on content of printed pages and other factors. For more information about fill and yield, see <http://hp.com/go/learnaboutesupplies>.
- ² Based on median customer ink usage for HP DeskJet GT 5820 WL printer.
- ³ For details on local printing requirements see <http://hp.com/go/mobileprinting>.
- ⁴ When used in accordance with set up instructions.
- 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. For more information about fill and yield, see <http://hp.com/go/learnaboutesupplies>.
- ⁶ Based on HP internal optical density testing comparing with HP DeskJet 5800 series with HP 51 and HP 52 inks.
- ⁷ Plain paper documents and photos stored under glass with OEM inks. Compared to tested in-class competing OEM ink tank systems from Epson, Canon, and Brother. See June 8, 2017 Statement and Wilhelm Imaging Research report http://www.wilhelm-research.com/hp/WIR_Ink_Tank_Printer_Comparison.pdf and <http://hp.com/go/printpermanence>.
- ⁸ 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>.
- ⁹ Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at <http://hp.com/go/mobileprinting>. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.



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