

Product Specifications for the HP Smart Tank 581 All-in-One Printer (4A8D5A)

- Product naming
- What's included and accessories
- Connectivity
- Copy
- Environmental
- Memory
- Mobile printing capability
- Paper handling
- Paper handling - duplexer
- Physical dimensions
- Power
- Print cartridges
- Printing specifications
- Regulatory specifications
- Scan
- Security
- System requirements
- Warranty

Product naming

Model name	HP Smart Tank 581 All-in-One Printer
Product number	4A8D5A

What's included and accessories

Accessories	None
-------------	------

Give Feedback

Connectivity

Ports	1 Hi-Speed USB 2.0 (device); 1 Bluetooth Low Energy; 1 Wi-Fi 802.11b/g/n; 1 Wi-Fi Direct
-------	--

▼

Wireless capability	Yes, built-in Wi-Fi 2.4G, Wi-Fi Direct, Bluetooth Low Energy
Storage device and direct print support	Wireless Direct Printing

Copy

Copier settings	Number of Copies, Resize, Quality, Lighter/Darker, Papersize, Papertype, ID Copy, Enhancement
Color copy capability	Yes
Maximum number of copies	Up to 99 copies
Copy reduce / enlarge settings	Via HP Smart app
Copy resolution	Up to 1200 dpi

Environmental

Acoustic power emissions (active, printing)	6.4 B(A)
Acoustic pressure emissions	56.8 dBA
Recommended operating humidity range	20 to 80% RH
Non-Operating Humidity Range	5 to 90% RH (non-condensing)
Recommended operating temperature range (Celsius)	15 to 30°C
Recommended operating temperature range (Fahrenheit)	59 to 86°F
Storage temperature range (Celsius)	-40 to 60°C

Give Feedback

Need Help?



Storage temperature range (Fahrenheit)	-40 to 140°F
Environmental specifications	45% post-consumer recycled plastic

Memory

Memory	64 MB Integrated DDR1
Maximum Memory	64MB

Mobile printing capability

Mobile printing services	HP Smart app; Apple AirPrint; Mopria Print Service; HP Print Service Plugin (Android printing); Wi-Fi Direct Printing
--------------------------	---

Paper handling

Input capacity	Up to 100 sheets
Standard input capacity (cards)	Up to 30 cards
Standard input capacity (envelopes)	Up to 10
Output capacity	Up to 30 sheets
Media sizes supported (metric)	A4; B5; A6; DL envelope, legal
Media sizes supported (U.S. standard)	Letter; legal; 4 x 6 in; 5 x 7 in; 8 x 10 in; No. 10 envelopes
Media sizes, custom (metric)	88.9 x 127 to 215.9 x 355.6 mm

Give Feedback



Need Help?

▼

Media sizes, custom (U.S. standard)	3.5 x 5 in to 8.5 x 14 in
Media types	Plain paper, Matte Brochure Papers, Glossy Brochure Papers, Photo papers, Envelopes, Other specialty inkjet papers
Media weight supported (metric)	Plain paper: 60 to 90 g/m²; Envelopes: 75 to 90 g/m²; Cards: up to 200 g/m²; Photo paper: up to 300 g/m²
Media weight supported (U.S. standard)	20 lb
Borderless printing	Yes (up to 8.5 x 11 in, 210 x 297 mm)

Paper handling - duplexer

Media sizes, duplex (U.S. standard)	Letter; Executive
-------------------------------------	-------------------

Physical dimensions

Maximum dimensions (W x D x H, metric)	434.66 x 580.65 x 259.37 mm
Maximum dimensions (W x D x H, U.S. standard)	17.11 x 22.86 x 10.21 in
Weight (metric)	5.03 kg
Weight (U.S. standard)	11.09 lb

Give Feedback

Power

Energy savings feature technology	HP Auto-Off Technology
Power supply type	Internal built in

Need Help?



Power supply	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)
Power consumption	0.109 watts (manual-Off), 3.023 watts (ready), 1.096 watt (sleep)

Print cartridges

Number of print cartridges	5 (2 each black bottle, set of 3 color bottles)
Replacement cartridges	North America: HP GT53 90-ml Black Original Ink Bottle 1VV22AA; HP GT53XL 135-ml Black Original Ink Bottle 1VV21AA; HP GT52 Cyan Original Ink Bottle M0H54AA; HP GT52 Magenta Original Ink Bottle M0H55AA; HP GT52 Yellow Original Ink Bottle M0H56AA; Europe Middle East and Africa: HP GT53XL 135-ml Black Original Ink Bottle 1VV21AE; HP GT52 Cyan Original Ink Bottle M0H54AE; HP GT52 Magenta Original Ink Bottle M0H55AE; HP GT52 Yellow Original Ink Bottle M0H56AE; Asia Pacific: HP GT53 90-ml Black Original Ink Bottle 1VV22AA; HP GT53XL 135-ml Black Original Ink Bottle 1VV21AA; HP GT52 Cyan Original Ink Bottle M0H54AA; HP GT52 Magenta Original Ink Bottle M0H55AA; HP GT52 Yellow Original Ink Bottle M0H56AA; Latin America: HP GT53 90-ml Black Original Ink Bottle 1VV22AL; HP GT52 Cyan Original Ink Bottle M0H54AL; HP GT52 Magenta Original Ink Bottle M0H55AL; HP GT52 Yellow Original Ink Bottle M0H56AL; HP GT52 3-pack Cyan/Magenta/Yellow Original Ink Bottles X4E44AL. For more information about fill and yield, see http://www.hp.com/go/learnaboutsupplies .
Replacement cartridges footnote	Black and composite color average per bottle (cyan/magenta/yellow) results based on HP methodology from the simulation of 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 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 http://www.hp.com/go/learnaboutsupplies .

Printing specifications

Print technology	HP Thermal Inkjet
Duplex printing	Manual (driver support provided)
Print speed black (ISO)	Up to 12 ppm
Print speed color (ISO)	Up to 5 ppm
Print resolution (best)	Up to 1200 x 1200 rendered dpi
Maximum print area (metric)	216 x 355 mm

Give Feedback

Need Help?



Monthly duty cycle	Up to 3,000 pages
Print languages	HP PCL 3 GUI; HP PCLm (HP Apps/UPD); URF (AirPrint)

Regulatory specifications

Regulatory model number	SNPRC-2201-01
Safety	IEC 60950-1 & IEC62368-1 compliant; EU RED and EN 60950-1 & EN 62368-1 compliant; Singapore Safety; China CCC; Taiwan BSMI
Electromagnetic compatibility	EN 55032:2015+A11:2020 Class B; EN 55024:2010 +A1:2015; 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
Telecom compliance (fax capability)	EN 300 328 V2.2.2; EN 301 893 V2.1.1; EN 300 440 V2.1.1

Scan

Scan technology	Contact Image Sensor (CIS)
Scan resolution, hardware	Up to 1200 x 1200 dpi
Levels of grayscale	256
Bit depth	24-bit
Scanning options (ADF)	Not Applicable
Maximum flatbed scan size (metric)	216 x 297 mm
Maximum flatbed scan size (U.S. standard)	8.5 x 11.69 in

Give Feedback



Need Help?

Twain version	Version 2.4
---------------	-------------

▼

Security

Security management	No
---------------------	----

System requirements

Minimum system requirements for Windows	Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, Internet connection, Microsoft® Internet Explorer or Edge.
Recommended system requirements for Windows	Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, Internet connection, Microsoft® Internet Explorer or Edge.
Minimum System Requirements for Macintosh	Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey; 2 GB HD; Internet required
Recommended Macintosh system requirements	Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey; 2 GB HD; Internet required
Operating system (supported note)	Microsoft Windows 11, 10, 7 SP1: 32-bit or 64-bit; macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey;

Warranty

Manufacturer 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
-----------------------	--

Give Feedback

Additional support options





 Need Help?

26/09/2024, 11:14

Product Specifications for the HP Smart Tank 581 All-in-One Printer (4A8D5A) | HP® Support

Try one of our automated tools or diagnostics

Ask a question on our HP Support Community page

Get in touch with one of our support agents

Enter a topic to search our knowledge library

What can we help you with?

Country/Region:  [India](#)

About Us

Ways to buy

Support

HP Partners

Stay connected

Recalls | Product recycling | Accessibility | India CSR Policy | India Entity Annual Return | Privacy | Terms of use | Use of cookies

©2024 HP Development Company, L.P. The information contained herein is subject to change without notice.

Give Feedback

Need Help?