Print, copy, scan, wireless

HP Smart Tank 510
All-in-One Printer Series

High-quality ink tank printing with faster connections[1] and easy mobile printing.[2]
This high-capacity ink tank printer delivers uncompromising quality and up to 8,000 colour or up to 6,000 black pages.[3] Get faster connections with dual-band Wi-Fi,[1] and easy mobile printing with HP Smart app.[2]

Latest technology delivers outstanding quality

- Count on dark, crisp text, and get vibrant colour graphics for all your prints.
- Print fade-resistant photos that last.[4]
- Create borderless brochures, flyers, photos and other documents that look great - right in your office.

Faster connections, easy productivity

- Get faster, more reliable connections with dual band Wi-Fi®.[1]
- Eliminate steps in repetitive tasks with customizable shortcuts, using Smart Tasks.[2]
- Get the freedom to work from anywhere with the HP Smart app – print, scan, and copy from your phone.[2]
- Get up to 38% faster speeds compared to previous HP Smart Tank.[5]

High-volume, low-cost printing – innovative design

- Easily monitor and maintain ink levels with an integrated tank design and an automatic ink sensor.
- Easily refill your ink tank system with spill-free, resealable bottles.[6]
- Get up to 8,000 colour pages or up to 6,000 black pages.[7]
- Get the features you need for work and other tasks with copy and scan functions.

[1] 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). [2] Requires the HP Smart app download. For details on local printing requirements see hp.com/go/mobileprinting [3] 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. [4] For more information, see hp.com/go/printpermanence [5] Compared with HP Smart Tank/Ink Tank All-in-One Printer series. Excludes first set of ISO test pages. For details, see hp.com/go/printerclaims [6] When used in accordance with set up instructions. [7] 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. Some ink from included bottles is used to start up the printer. For more information about fill and yield, see: hp.com/go/learnaboutsupplies.

Technical specifications

Functions	Print, copy, scan and wireless
Print	
Technology	HP Thermal Inkjet
Duplex print options	Manual (driver support provided)
Print colours	Yes
Speed[1]	**Black (draft, A4):** Up to 22 ppm; **Colour (draft, A4):** Up to 16 ppm; **Black (ISO):** Up to 11 ppm; **Colour (ISO):** Up to 5 ppm; **Colour photo (normal, Photo Paper, 10x15 cm):** As fast as 76 seconds
First page out	**Black (A4, ready):** As fast as 14 seconds; **Colour (A4, ready):** As fast as 20 seconds
Resolution	**Black (best):** Up to 1200 x 1200 rendered dpi; **Colour (best):** Up to 4800 x 1200 optimized dpi colour when printing from a computer and 1200 input dpi
Standard print languages	HP PCL 3 GUI
Borderless printing	Yes (up to 210 x 297 mm)
Scan	
Type	Flatbed
Technology	Contact Image Sensor (CIS)
Resolution	**Hardware:** Up to 1200 x 1200 dpi; **Optical:** Up to 1200 dpi; **Enhanced:** Up to 1200 dpi
Max scanning size	**Flatbed:** 216 x 297 mm
Speed	**Normal, A4:** Up to 3 ppm (200 ppi, colour); Up to 5 ppm (200 ppi, mono)
Scan to	PC, Email
Grayscale levels	256
Bit depth	24-bit
File format	JPEG, TIFF, PDF, BMP, PNG
Image scaling or enlargement range	25 to 400%
Copy	
Colour copy capability	Yes
Speed[2]	**Black (draft, A4):** Up to 22 cpm; **Colour (draft, A4):** Up to 14 cpm; **Black (ISO):** Up to 10 ppm; **Colour (ISO):** Up to 2 ppm
Resolution	**Black (text and graphics):** Up to 600 x 300 dpi; **Colour (text and graphics):** 600 x 300 dpi
Max copies	Up to 99 copies
Copier reduce/enlarge	fit to page
Copier settings	Number of Copies, Resize, Quality, Lighter/Darker, Paper size, Paper type, ID Copy, Collate, Enhancement
Display	5.08 cm (2inch) icon display
Control panel	4 LEDs and 7 buttons (cancel, resume, colour copy, black copy, wifi, info, power button), with one ICON LCD for display
Duty cycle	Up to 1,000 pages
Recommended monthly page volume	400 to 800 pages
Connectivity	
Connectivity (standard)	Hi-Speed USB 2.0, Wi-Fi, Bluetooth LE
Mobile printing capability[3]	HP Smart app; Apple AirPrint™; HP ePrint; Mopria™-certified, Smart Tasks
Wireless capability	Yes, built-in Wi-Fi 802.11b/g/n
Network capabilities	Yes (via WiFi)
Media	
Paper handling	**Input:** 100-sheet input tray; **Output:** 30-sheets output tray
Type	Plain paper, Matte Brochure Papers, Glossy Brochure Papers, Photo papers, Envelopes, Other specialty inkjet papers
Weight (Supported)	**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
Weight (Recommended)	75 g/m²
Sizes (Supported)	A4; B5; A6; DL envelope, legal, letter
Processor speed	1.2 GHz
Memory	**Standard:** 256 MB; Integrated memory
Compatible operating systems	Windows 10, 8.1, 8, 7; OS X v10.11 El Capitan, macOS Sierra v10.12 (previously OS X), macOS High Sierra v10.13, macOS Mojave v10.14
Minimum system requirements	**PC:** Windows 10, 8.1, 8, 7; OS X v10.11 El Capitan, macOS Sierra v10.12 (previously OS X), macOS High Sierra v10.13, macOS Mojave v10.14; **Mac:** OS X v10.11 El Capitan and above, Internet Access
Environmental	
Acoustics	**Acoustic power emissions (active, printing):** 6.5 B(A); **Acoustic pressure emissions:** 51 dB
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; **Storage temperature range:** -40 to 60°C; **Non-operating humidity range:** 5 to 90% RH (non-condensing)
Energy savings feature technology	HP Auto-Off Technology
Power specifications	**Power supply type:** Internal (Built-in) power supply; **Power supply required:** 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:[4]** 0.12 watts (Manual-Off), 3.12 watts (Ready), 0.75 watt (Sleep)
Warranty features	One year of 24/7 world-class technical support services through hp.com/support; user replaceable parts have separate warranty periods
Dimension[5]	447 x 373 x 158 mm
Weight	5.14 kg
What´s in the box	HP Smart Tank 511/518/519 All-in-One; HP GT53XL 135-ml Black Original Ink Bottle; HP GT52 70-ml Cyan Original Ink Bottle; HP GT52 70-ml Magenta Original Ink Bottle; HP GT52 70-ml Yellow Original Ink Bottle; USB Cable; Power cord [For more information about fill and yield, see hp.com/go/learnaboutsupplies]

Ordering information

Number	Description
4SB23A	HP Smart Tank 511 All-in-One Printer (China only)
1TJ11A	HP Smart Tank 518 All-in-One Printer (China only)
3YW73A	HP Smart Tank 519 All-in-One Printer (China only)

Replacement Bottles[6]

Number	Description
1VV21AA	HP GT53XL 135-ml Black Original Ink Bottle (~6,000 pages)
1VV22AA	HP GT53 90-ml Black Original Ink Bottle (~4,000 pages)
M0H54AA	HP GT52 70-ml Cyan Original Ink Bottle (~8,000 pages)
M0H55AA	HP GT52 70-ml Magenta Original Ink Bottle (~8,000 pages)
M0H56AA	HP GT52 70-ml Yellow Original Ink Bottle (~8,000 pages)

HP Care Packs

Number	Description
U9NQ9E	HP 2-yr Next Business Day Exchange MFP Page Limit - E SVC
UA5C0E	HP 3-yr Next Business Day Exchange MFP Page Limit - E SVC
U9NR2E	HP 2-yr Onsite Exchange MFP Page Limit - E SVC
UA5C1E	HP 3-yr Onsite Exchange MFP Page Limit - E SVC
U9NR5E	HP 2-yr Return MFP Page Limit - E SVC
UA5C2E	HP 3-yr Return MFP Page Limit - E SVC

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

Recommended Papers[7]

Number	Description
C6818A	HP Professional Inkjet Paper, Glossy, A4, 50 sheets, 180 g/m²
Q6593A	HP Professional Inkjet Paper, Matte, A4, 200 sheets, 120 g/m²
Q8008A	HP Advanced Glossy Photo Paper, 10 x 15 cm, 60 sheets, 250 g/m²
Q5456A	HP Advanced Glossy Photo Paper, A4, 25 sheets, 250 g/m²
Q8691A	HP Advanced Glossy Photo Paper, 10 x 15 cm, 25 sheets, 250 g/m²
CG850A	HP Glossy Photo Paper, A4, 20 sheets, 180 g/m²
CG851A	HP Glossy Photo Paper, 10 x 15 cm, 20 sheets, 180 g/m²

HP Inc Offices

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