



HP Smart Tank 519 Wireless All-in-One (3YW73A)

Overview



High-quality ink tank printing with faster connections^[2] and easy mobile printing.^[3]

This high-capacity ink tank printer delivers uncompromising quality and up to 3 years of ink included in the box.^[4] Get faster connections with dual-band Wi-Fi,^[2] and easy mobile printing with HP Smart app.^[3]

Latest technology delivers outstanding quality

Count on dark, crisp text, and get vibrant color graphics for all your prints.

High-volume, low-cost printing – innovative design

Easily monitor and maintain ink levels with an integrated tank design and an automatic ink sensor.

Faster connections, easy productivity

Get faster, more reliable connections with dual band Wi-Fi[®].^[2]

Features



Your reliable connection^[2]



Customizable shortcuts on your phone^[3]



Print, scan, and copy anywhere^[3]



Exceptional HP quality

Achieve high speeds for all your prints^[7]

Convenient ink management

[2] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://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).

[3] Requires the HP Smart app download. For details on local printing requirements see <http://hp.com/go/mobileprinting>.

[7] Compared with HP Smart Tank/Ink Tank All-in-One Printer series. Excludes first set of ISO test pages. For details, see <http://hp.com/go/printerclaims>.

Specifications

Print quality black (best)	Up to 1200 x 1200 rendered dpi
Print quality color (best)	Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
Print speed black (ISO, A4)	Up to 11 ppm
Print Speed Color (ISO)	Up to 5 ppm
Print speed	Print speed up to 11 ppm (black) and 5 ppm (color)
Functions	Print, scan, copy, wireless
Duplex printing	Manual (driver support provided)
Duty cycle (monthly, A4)	Up to 1000 pages
Duty cycle (monthly, letter)	Up to 1000 pages
Energy savings feature technology	HP Auto-Off Technology
Replacement cartridges	HP GT53 90-ml Black Original Ink Bottle 1V22AL; HP GT53XL 135-ml Black Original Ink Bottle 1V21AL; 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 ^[6]
Connectivity, standard	Hi-Speed USB 2.0, Wi-Fi, Bluetooth LE
Connectivity, optional	None
Modem	Not Supported
Network capabilities	Yes (via Wi-Fi)
Wireless capability	Yes, built-in dual band Wi-Fi 802.11b/g/n, Wireless direct, BLE
Mobile printing capability	HP Smart app; Apple AirPrint™; Fire™; Google Cloud Print 2.0; HP ePrint; Android printing; Mopria™-certified; Wireless Direct Printing
Network protocols, supported	9100, SNMP, SLP, IPP, WS-Print, Wireless, LPR
Software included	HP Printer Software, Shop for Supplies Online
Compatible Operating Systems	Windows 10, Windows 8.1, Windows 8, Windows 7; OS X v10.11 El Capitan, macOS Sierra v10.12 (previously OS X), macOS High Sierra v10.13, macOS Mojave v10.14 <i>(Windows 10, Windows 8.1, Windows 8, Windows 7; OS X v10.11 El Capitan, macOS Sierra v10.12 (previously OS X), macOS High Sierra v10.13, macOS Mojave v10.14)</i>
Environmental	No
Energy star certified	No
Digital sending standard features	Everyday scan (scan to PDF); HP Smart Tasks
Scan file format	JPEG, TIFF, PDF, BMP, PNG
Scan input modes	Front Panel Scan; Copy; HP Software; EWS
Scan technology	Contact Image Sensor (CIS)

Scanner type	Flatbed only
Display	7 segment + 2-inch icon display
Minimum dimensions (W x D x H)	447 x 373 x 158 mm
Minimum dimensions (W x D x H)	17.6 x 14.7 x 6.2 in
Weight	5.14 kg
Weight	11.34 lb
Power consumption	0.12 watts (manual-Off), 3.12 watts (ready), 0.75 watt (sleep) ^[2]
Power supply type	Internal built in
What's in the box	HP Smart Tank 519; 2 x HP GT53XL 135-ml Black Original Ink Bottle; HP GT52 Cyan Original Ink Bottle; HP GT52 Magenta Original Ink Bottle; HP GT52 Yellow Original Ink Bottle; Ink caution flyer; Repacking flyer; Setup guide; Reference guide; Regulatory flyer; Warranty card, Power cord [For more information about fill and yield, see http://www.hp.com/go/learnaboutsupplies]
Warranty	One year of 24/7 world-class technical support services through http://www.hp.com/support ; One-year or 30,000 pages limited hardware warranty, whichever is earlier from the date of purchase; user replaceable parts have separate warranty periods

Additional specifications

Accessories	None
Acoustic power emissions (active, printing)	6.5 B(A)
Acoustic pressure emissions	51 dB
Automatic paper sensor	No
Bit depth	24-bit
Borderless printing	Yes (up to 8.5 x 11 in, 210 x 297 mm)
Bottom margin (A4)	3 mm
Cable included	WW: No, please purchase (USB) cable separately; AP EM: Yes, 1.5 m (USB) cable (except Taiwan, Hong Kong and Singapore)
Camera phone description	Direct printing from camera phone via Wireless or Wireless Direct
Camera phone supported	No
Color copy capability	Yes
Color scanning	Yes
Color(s) of printing supplies	Black; Cyan; Magenta; Yellow
Compliance alliances	None
Control panel	4 LEDs and 7 buttons (cancel, resume, color copy, black copy, wifi, info, power button), with one ICON LCD for display
Copier settings	Number of Copies, Resize, Quality, Lighter/Darker, Papersize, Papertype, ID Copy, Enhancement
Copies, maximum	Up to 99 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black graphics)	Up to 600 dpi
Copy resolution (black text)	Up to 600 dpi
Copy resolution (color text and graphics)	Up to 600 dpi
Copy speed black (ISO)	Up to 10 cpm
Copy speed color (ISO)	Up to 2 cpm
Count of cartons per pallet layer	12
Count of layers in pallet	5
Country of origin	Product of China
Dimensions with trays up (W x D x H)	447 x 373 x 158 mm

Electromagnetic compatibility

CISPR 32:2015/EN 55032:2015 Class B; CISPR24:2010/EN 55024:2010; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 301 489-1 V2.1.1:2017; EN 301 489-17 V3.1.1:2017 GB4943.1-2011, GB/T9254-2008, GB17625.1-2012 (CCC China); CNS14336-1, CNS13438 & CNS15663 (BSMI RoHS -Taiwan); EAC (Russia)

Enhanced scanning resolution	Up to 1200 dpi
Envelope Feeder	No
File Format Supported	BMP; PDF; JPG; PNG; TIF
Finished output handling	Sheetfed
First page out black (A4, ready)	As fast as 14 sec
First page out color (A4, ready)	As fast as 21 sec
First page out footnote	For details see: http://www.hp.com/go/printerclaims
Geographic availability	WW, EM
Image scaling or enlargement range	25 to 400%
Ink types	Pigment-based (black); Dye-based (color)
Input capacity	Up to 100 sheets
Left margin (A4)	3 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	256 MB
Maximum dimensions (W x D x H)	17.7 x 23.8 x 10.18 in
Maximum dimensions (W x D x H)	449 x 605.65 x 258.7 mm
Maximum input capacity (10x15cm photos)	Up to 30 sheets
Maximum input capacity (4x6 photo)	Up to 30 sheets
Maximum input capacity (cards)	Up to 30 cards
Maximum input capacity (labels)	Up to 10 sheets
Maximum input capacity (photo paper)	Up to 30 sheets
Maximum input capacity (sheets)	Up to 100 sheets
Maximum output capacity (cards)	Up to 30 cards
Maximum output capacity (envelopes)	Up to 10 envelopes
Maximum output capacity (labels)	Up to 30 sheets
Maximum output capacity (photo paper)	Up to 30 sheets

Maximum output capacity (sheets)	Up to 30 sheets
Maximum print area	216 x 355 mm
Media sizes supported	Letter; legal; 4 x 6 in; 5 x 7 in; 8 x 10 in; No. 10 envelopes
Media sizes supported	A4; B5; A6; DL envelope, legal
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes, custom	76.2 x 127 to 215.9 x 355.6 mm
Media sizes, custom	3 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, recommended	20 lb
Media weight, recommended	75 g/m ²
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
Media weight, supported	Plain paper: 16 to 24 lb; Envelopes: 20 to 24 lb; Cards: up to 110 lb; Photo paper: up to 80 lb
Memory	256 MB; Integrated memory
Memory Slots	No
Memory card compatibility	No
Minimum System Requirements	Windows 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer.
Minimum System Requirements for Macintosh	OS X v10.11 El Capitan and above, Internet Access
Multitasking supported	No
Non-Operating Humidity Range	5 to 90% RH (non-condensing)
Number of print cartridges	4 (1 each black bottle, set of 3 color bottles)
Number of users	1-3 Users
Operating humidity range	15 to 80% RH (non-condensing)
Operating temperature range	41 to 104°F
Operating temperature range	5 to 40°C
Orderable supplies	HP GT53 90-ml Black Original Ink Bottle 1V22AL; HP GT53XL 135-ml Black Original Ink Bottle 1V21AL; 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
Output capacity	Up to 30 sheets
Output file format	JPEG
Package dimensions (W x D x H)	19.49 x 7.8 x 18.9 in
Package dimensions (W x D x H)	495 x 198 x 480 mm

Package weight	15.99 lb
Package weight	7.25 kg
Pallet dimensions	47.24 x 39.37 x 94.39 in
Pallet dimensions (W x D x H)	1200 x 1000 x 2400 mm
Pallet weight	435 kg
Pallet weight	958 lb
Paper handling input, standard	100-sheet input tray
Paper handling output, standard	30-sheet output tray
Paper trays, maximum	1
Paper trays, standard	1
Photo proofsheets supported	No
PictBridge description	No
PictBridge supported	No
Plug and play	Set up from mobile device; Wi-Fi Protected Setup (WPS)
Power	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)
Print Technology	Ink
Print colors	Yes
Print colors maximum	4
Print head nozzles	704 (Black), 588 (Tri-color)
Print heads	2 (1 each black, tri-color)
Print languages	HP PCL 3 GUI
Print speed black (ISO)	Up to 11 ppm
Print speed black (draft, A4)	Up to 22 ppm
Print speed color (ISO)	Up to 5 ppm
Print speed color (draft, A4)	Up to 16 ppm
Print speed color (normal, 10x15 photo)	As fast as 76 sec
Print speed color (normal, 4x6 photo)	As fast as 76 sec
Print technology	HP Thermal Inkjet
Printer drivers included	HP PCL 3 GUI
Processor speed	800 MHz
Product logos	Air Print; Android; Windows; Google Cloud Print Ready; USB high speed; WiFi certified; Mopria; PAP 20; SmartWay (NA only); Fragile; Keep out of Rain; This side up; stacking height (7); Bluetooth LE
Quantity per pallet	60
RMN number	SNPRC-1804-01

Recommended Macintosh system requirements	MacOS 10.14 Mojave and above, Internet Access
Recommended monthly page volume	400 to 800
Recommended operating humidity range	20 to 80% RH
Recommended operating temperature range	15 to 30°C
Recommended operating temperature range	59 to 86°F
Right margin (A4)	3 mm
Safety	IEC 60950-1 & IEC 62368-1 compliant; EU LVD and EN 60950 & EN 62368 compliant; UL GS approved; Singapore Safety; Russia EAC; China CCC; Taiwan BSMI
Scan resolution, hardware	Up to 1200 x 1200 dpi
Scan resolution, optical	Up to 1200 dpi
Scan size, maximum	8.5 x 11.69 in
Scan size, maximum	216 x 297 mm
Scanning options (ADF)	Not Applicable
Security management	No
Send to email capability	No
Service & support features	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 30,000 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 . CHINA ONLY WARRANTY STATEMENT: 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 limited hardware warranty; 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
Service & support options	Protect your investment—HP Total Care offers a variety of extended warranties and services, go to http://www.hp.com/support
Standard input capacity (cards)	Up to 30 cards
Standard input capacity (envelopes)	Up to 10
Standard input capacity (legal)	Up to 100 sheets
Standard media sizes (duplex)	A4; B5
Standard media sizes (duplex, imperial)	Letter; Executive
Standard output capacity (cards)	Up to 30 cards

Standard output capacity (envelopes)	Up to 10 envelopes
Standard output capacity (labels)	Up to 10 sheets
Standard output capacity (legal)	Up to 30 sheets
Storage altitude	4572 m
Storage altitude	15,000 ft
Storage device and direct print support	Wireless Direct Printing
Storage temperature range	-40 to 140°F
Storage temperature range	-40 to 60°C
Sub-brand name	Smart Tank
SureSupply supported	Yes
System requirements, recommended	Windows 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer.
Target user and print volume	For teams up to 3 users; Prints up to 800 pages/month
Tariff numbers	NA/EMEA: 8443310000; AP: 8443319010
Telecom compliance (fax capability)	EN 300 328 V2.1.1:2016; EN 301 893 V2.1.0:2017
Telephone handset supported	No
Top key features	Scan to PDF
Top margin (A4)	3 mm
Twain version	Version 2.1
Typical electricity consumption (TEC) number	0.13 kWh/Week
UPC number	(AB0) 192545948555; (AB2) 192545948562; (AC8) 192545948692; (ACJ) 192545948586; (AK3) 192545948593; (AKH) 192545948685; (AKY) 192545948708; (BEW) 192545948647; (BFR) 192545948654; (BG2) 192545948623
Vertical alignment accuracy	+/- 0.0008 in
Vertical alignment accuracy	+/- 0.02 mm
Video action printing note	No
Video action printing supported	No

[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.

[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>

Ink Supplies

★ : Recommended

HP Inkjet Printer Cartridges and Ink Supplies

HP 32XL 135-ml Black Original Ink Bottle	1VV24AA
HP 32XL 135-ml Black Original Ink Bottle	1VV24AE
HP 6ZA17AE Black Printhead	6ZA17AE
HP 6ZA18AE Tri-color Printhead	6ZA18AE
HP GT52 Cyan Original Ink Bottle	M0H54AE
HP GT52 Magenta Original Ink Bottle	M0H55AE
HP GT52 Yellow Original Ink Bottle	M0H56AE
HP GT53 90-ml Black Original Ink Bottle	1VV22AA
HP GT53 90-ml Black Original Ink Bottle	1VV22AL
HP GT53XL 135-ml Black Original Ink Bottle	1VV21AA
HP GT53XL 135-ml Black Original Ink Bottle	1VV21AE
HP M0H50A Tri-color Replacement GT Printhead	M0H50AA
HP M0H50A Tri-color Replacement GT Printhead	M0H50AL
HP M0H51A Black Replacement GT Printhead	M0H51AA
HP M0H51A Black Replacement GT Printhead	M0H51AL
HP X4E75A Black Inktank Printhead	X4E75AA
HP X4E75A Black Inktank Printhead	X4E75AL

HP Paper Designed for Inkjet Printers

HP Inkjet Photo Paper

HP Advanced Glossy Photo Paper-25 sht/4 x 6 in borderless	3AG54A
HP Advanced Glossy Photo Paper-25 sht/5 x 7 in	3AG55A
HP Matte Photo Paper-25 sht/10 x 15 cm	7HF70A
HP Matte Photo Paper-25 sht/4 x 6 in	6QH46A

HP Inkjet Brochure Paper

HP Enhanced Business Inkjet Matte FSC Paper 150 gsm-150 sht/Letter/8.5 x 11 in	9ZE20A
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HP Professional Inkjet Paper

HP Professional Inkjet Matte FSC Paper 180 gsm-150 sht/A4/210 x 297 mm	7MV79A
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HP Paper for Multiple Uses

HP Multi-use Professional Paper

HP Professional Multi-use Glossy FSC Paper 180 gsm-150 sht/A3/297 x 420 mm	7MV84A
HP Professional Multi-use Glossy FSC Paper 180 gsm-150 sht/Letter/8.5 x 11 in	Q1987A
HP Professional Multi-use Glossy FSC Papers 180 gsm-150 sht/A4/210 x 297 mm	3VK91A
HP Professional Multi-use Glossy Tri-fold FSC Paper 180 gsm-150 sht/8.5 x 11 in	4WN12A

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