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Product Specifications for the HP Smart Tank 518 Printer (1TJ11A)

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Product naming

Model name	HP Smart Tank 518 Printer
Product number	1TJ11A

What's included and accessories

What's in the box	HP Smart Tank 518; 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; China warranty card; China 3G card; Indonesia warranty card; QQ-Wechat flyer Power cord [For more information about fill and yield, see http://www.hp.com/go/learnaboutsupplies]
Accessories	None



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Connectivity

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Ports	Hi-Speed USB 2.0, Wi-Fi, Bluetooth LE
Wireless capability	Yes, built-in Wi-Fi 802.11b/g/n

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 resolution	Up to 600 dpi

Environmental

Acoustic power emissions (active, printing)	6.5 B(A)
Acoustic pressure emissions	51 dB
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



Storage temperature range (Fahrenheit)	-40 to 140°F
Environmental specifications	No

Fax

Telephone handset supported	No
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Memory

Memory	256 MB; Integrated memory
Maximum Memory	256 MB
Memory card compatibility	No

Mobile printing capability

Mobile printing services	HP Smart app; Apple AirPrint™; Fire™; Google Cloud Print 2.0; HP ePrint; Android printing; Mopria™-certified
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Networking

Network protocols, supported	9100, SNMP, SLP, IPP, WS-Print, Wireless, LPR
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Paper handling

Input capacity	Up to 100 sheets
Standard input capacity (cards)	Up to 30 cards



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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)	76.2 x 127 to 215.9 x 355.6 mm
Media sizes, custom (U.S. standard)	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 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
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Physical dimensions

Maximum dimensions (W x D x H, metric)	449 x 605.65 x 258.7 mm
Maximum dimensions (W x D x H, U.S. standard)	17.7 x 23.8 x 10.18 in



Weight (metric)	5.14 kg
Weight (U.S. standard)	11.31 lb

Power

Energy savings feature technology	HP Auto-Off Technology
Power supply type	Internal built in
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	0.12 watts (manual-Off), 3.12 watts (ready), 0.75 watt (sleep)

Print cartridges

Number of print cartridges	4 (1 each black bottle, set of 3 color bottles)
Replacement cartridges	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. 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, draft, Letter)	Up to 22 ppm
Print speed (color, draft, Letter)	Up to 16 ppm



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Print speed black (ISO)	Up to 11 ppm
Print speed color (ISO)	Up to 5 ppm
Print resolution black (best)	Up to 1200 x 1200 rendered dpi
Print resolution color (best)	Up to 4800 x 1200 optimised dpi colour when printing from a computer and 1200 input dpi
Maximum print area (metric)	216 x 355 mm
Monthly duty cycle	Up to 1000 pages
Print languages	HP PCL 3 GUI

Regulatory specifications

Regulatory model number	SNPRC-1804-01
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
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)
Telecom compliance (fax capability)	EN 300 328 V2.1.1:2016; EN 301 893 V2.1.0:2017

Scan

Scan technology	Contact Image Sensor (CIS)
Scan speed (normal)	Up to 3 ppm color; up to 5 ppm, mono



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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
Twain version	Version 2.1

Security

Security management	No
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System requirements

Minimum system requirements for Windows	Windows 10, 8, Windows 7 Service Pack 1 (SP1): 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer.
Recommended system requirements for Windows	Windows 10, 8, Windows 7 Service Pack 1 (SP1): 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
Recommended Macintosh system requirements	OS X v10.11 El Capitan and above, Internet Access



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Operating system (supported note)	Windows 10, 8, Windows 7 Service Pack 1 (SP1); OS X v10.11 El Capitan, macOS Sierra v10.12 (previously OS X), macOS High Sierra v10.13, macOS Mojave v10.14
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Warranty

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
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