

 **HP Smart Tank 670 All-in-One (6UU48A)**



## Specifications

<b>Print quality black (best)</b>	Up to 1200 x 1200 rendered dpi
<b>Print quality color (best)</b>	Up to 4800 x 1200 optimized dpi color when printing from a computer and 1200 input dpi
<b>Print speed black (ISO, A4)</b>	Up to 12 ppm
<b>Print Speed Color (ISO)</b>	Up to 7 ppm
<b>Print speed</b>	Print speed up to 12 ppm (black) and 7 ppm (color)
<b>Functions</b>	Print, Scan, Copy, Wireless
<b>Duplex printing</b>	Automatic
<b>Duty cycle (monthly, A4)</b>	Up to 3,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 3,000 pages
<b>Printer smart software features</b>	Duplex printing
<b>Replacement cartridges</b>	HP GT53 90-ml Black bottle (~4000 pages); HP 53XL 135-ml Black bottle (~6000 pages); HP GT52 70-ml Cyan bottle (~8000 pages); HP GT52 70-ml Magenta bottle (~8000 pages); HP GT52 70-ml Yellow bottle (~8000 pages). For more information about fill and yield see <a href="http://www.hp.com/go/learnaboutsupplies">www.hp.com/go/learnaboutsupplies</a> <sup>[6]</sup>
<b>Connectivity, standard</b>	Hi-Speed USB 2.0; Wifi; Bluetooth LE
<b>Network capabilities</b>	Yes, via built-in Wi-Fi
<b>Wireless capability</b>	Yes, 2.4/5G dual band Wi-Fi, Wi-Fi Direct, BLE
<b>Mobile printing capability</b>	Apple AirPrint; Mopria certified; HP Print Service Plugin (Android printing); HP Smart app; Wi-Fi Direct Printing
<b>Software included</b>	HP Printer Software, available online
<b>Compatible Operating Systems</b>	Windows 10, 7; macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; <i>(Windows 10, 7: 32-bit or 64-bit; macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB available hard disk space; Internet connection; Internet Explorer)</i>
<b>Sustainable impact specifications</b>	25% post-consumer recycled plastic; Recyclable through HP Planet Partners
<b>Energy star certified</b>	No
<b>Scan file format</b>	BMP, JPEG, TIFF, PDF, PNG
<b>Scan input modes</b>	Front Panel Copy; HP Software
<b>Scan technology</b>	Contact Image Sensor (CIS)
<b>Scanner type</b>	Flatbed
<b>Display</b>	2-line LCD Smart guided buttons, 50.8 x 10.16 mm (2.0 x 0.4 in)
<b>Minimum dimensions (W x D x H)</b>	42.75 x 36.40 x 19.86 cm
<b>Minimum dimensions (W x D x H)</b>	16.83 x 14.33 x 7.82 in
<b>Weight</b>	6.38 kg

**Weight** 14.07 lb

**Power consumption** 0.10 Watts (Off Mode), 2.00 Watts ( Sleep mode)<sup>[2]</sup>

**Power supply type** Internal

## Additional specifications

<b>Accessories</b>	None
<b>Acoustic power emissions (active, printing)</b>	6.5 B(A) (printing at 9ppm)
<b>Acoustic pressure emissions</b>	58.8 dB(A) (printing at 9ppm)
<b>Automatic paper sensor</b>	No
<b>Bit depth</b>	24-bit
<b>Borderless printing</b>	Yes (up to 8.5 x 11 in, 210 x 297 mm)
<b>Bottom margin (A4)</b>	3.3 mm
<b>Color copy capability</b>	Yes
<b>Color scanning</b>	Yes
<b>Color(s) of printing supplies</b>	Black; Cyan; Magenta; Yellow
<b>Control panel</b>	Smart guided buttons, Power On/Off, Color Copy, Black Copy, Wi-Fi, Info, Cancel and Resume buttons
<b>Copier settings</b>	Number of Copies, Access copier settings of Resize, Quality, Lighter/Darker, Papersize, Papertype settings via HP Smart
<b>Copies, maximum</b>	Up to 99 copies
<b>Copy reduce / enlarge settings</b>	25 to 400%
<b>Copy resolution (black graphics)</b>	Up to 600 dpi
<b>Copy resolution (black text)</b>	Up to 600 dpi
<b>Copy resolution (color text and graphics)</b>	Up to 600 x 600 dpi
<b>Copy speed black (ISO)</b>	Up to 11 cpm
<b>Copy speed color (ISO)</b>	Up to 5 cpm
<b>Count of cartons per pallet layer</b>	10
<b>Count of layers in pallet</b>	6
<b>Country of origin</b>	Made in China
<b>Dimensions with trays up (W x D x H)</b>	427.54 x 364.00 x 198.55 mm
<b>Electromagnetic compatibility</b>	CISPR 32:2015/EN 55032:2015+A11:2020 Class B; CISPR24:2010+A1:2015/EN 55024:2010+A1:2015; EN55035:2017+A11:2020/CISPR35:2016; EN 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; FCC CFR 47 Part 15 Subpart B; ICES-003 Issue 7:2020; EN 301 489-1 V2.2.3; EN 301 489-17 V3.2.2
<b>Enhanced scanning resolution</b>	Up to 1200 dpi
<b>Envelope Feeder</b>	No
<b>Exifprint supported</b>	No
<b>File Format Supported</b>	PDF; BMP; PNG; TIF; JPG

<b>First page out black (A4, ready)</b>	As fast as 15 sec
<b>First page out color (A4, ready)</b>	As fast as 18 sec
<b>First page out footnote</b>	For details see: <a href="http://www.hp.com/go/printerclaims">http://www.hp.com/go/printerclaims</a>
<b>Ink types</b>	Pigment-based (black); Dye-based (color)
<b>Input capacity</b>	Up to 150 sheets
<b>Left margin (A4)</b>	3.3 mm
<b>Levels of grayscale</b>	256
<b>Mac compatible</b>	Yes
<b>Maximum Input Capacity (envelopes)</b>	Up to 10 envelopes
<b>Maximum Memory</b>	128 MB
<b>Maximum dimensions (W x D x H)</b>	16.83 x 17.35 x 7.82 in
<b>Maximum dimensions (W x D x H)</b>	427.54 x 440.73 x 198.55 mm
<b>Maximum input capacity (10x15cm photos)</b>	Up to 30 sheets
<b>Maximum input capacity (4x6 photo)</b>	Up to 30 sheets
<b>Maximum input capacity (cards)</b>	Up to 30 cards
<b>Maximum input capacity (labels)</b>	Up to 10 sheets
<b>Maximum input capacity (photo paper)</b>	Up to 30 sheets
<b>Maximum input capacity (sheets)</b>	Up to 150 sheets
<b>Maximum output capacity (cards)</b>	Up to 30 cards
<b>Maximum output capacity (envelopes)</b>	Up to 30 envelopes
<b>Maximum output capacity (labels)</b>	Up to 20 sheets
<b>Maximum output capacity (photo paper)</b>	Up to 30 sheets
<b>Maximum output capacity (sheets)</b>	Up to 100 sheets
<b>Maximum print area</b>	215.9 x 355.6 mm
<b>Media sizes supported</b>	Letter; Legal; Government Legal; Executive; Statement; 4 x 6 in; 5 x 7 in; 8 x 10 in; L; Photo 2L; Envelope( #10, Monarch, 5.5 bar); Card (4 x 6 in, 5 x 8 in)
<b>Media sizes supported</b>	A4; A5; A6; B5 (JIS); Envelope (DL, C5, C6, Chou #3, Chou #4); Card (Hagaki, Ofuku Hagaki)
<b>Media sizes supported, key</b>	Envelopes; Legal; Letter; 4 x 6 in
<b>Media sizes supported, key</b>	10 x 15 cm; A4; Envelopes
<b>Media sizes, custom</b>	88.9 x 127 mm to 215.9 x 355.6 mm
<b>Media sizes, custom</b>	3.5 x 5 in to 8.5 x 14 in

<b>Media types</b>	Plain Paper, HP Photo Papers, HP Matte Brochure or Professional Paper, HP Matte Presentation Paper, HP Glossy Brochure or Professional Paper, Other Photo Inkjet Papers, Other Matte Inkjet Papers, Other Glossy Inkjet Papers, Light/Recycled
<b>Media weight, recommended</b>	60 to 105 g/m <sup>2</sup>
<b>Media weight, recommended</b>	16 to 28 lb
<b>Media weight, supported</b>	Plain paper: 16 to 28 lb; Envelopes: 20 to 24 lb; Cards: up to 110 lb; Photo paper: up to 66 lb
<b>Media weight, supported</b>	Plain paper: 60 to 105 g/m <sup>2</sup> ; Envelopes: 75 to 90 g/m <sup>2</sup> ; Cards: up to 200 g/m <sup>2</sup> ; Photo paper: up to 250 g/m <sup>2</sup>
<b>Memory</b>	128 MB
<b>Memory Slots</b>	No
<b>Minimum System Requirements</b>	Windows 10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer.
<b>Minimum System Requirements for Macintosh</b>	macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
<b>Multitasking supported</b>	No
<b>Non-Operating Humidity Range</b>	5 to 90% RH (non-condensing)
<b>Number of print cartridges</b>	4 (1 each black bottle, set of 3 color bottles)
<b>Number of users</b>	1-3 Users
<b>Operating altitude</b>	Up to 10,000 ft
<b>Operating humidity range</b>	15 to 80% RH (non-condensing)
<b>Operating temperature range</b>	5 to 40°C
<b>Operating temperature range</b>	41 to 104°F
<b>Orderable supplies</b>	HP GT53 90-ml Black Original Ink Bottle 1VV22AE, HP GT53XL 135-ml Black Original Ink Bottle 1VV21AE, HP GT52 Cyan Original Ink Bottle MOH54AE, HP GT52 Magenta Original Ink Bottle MOH55AE, HP GT52 Yellow Original Ink Bottle MOH56AE, HP GT51XL 135-ml Black Original Ink Bottle X4E40AE, HP GT53 90-ml Black Original Ink Bottle 1VV22AL, HP GT52 Cyan Original Ink Bottle MOH54AL, HP GT52 Magenta Original Ink Bottle MOH55AL, HP GT52 Yellow Original Ink Bottle MOH56AL, HP GT52 3-pack Cyan/Magenta/Yellow Original Ink Bottles X4E44AL, HP GT53 90-ml Black Original Ink Bottle 1VV22AA, HP GT53XL 135-ml Black Original Ink Bottle 1VV21AA, HP GT52 Cyan Original Ink Bottle MOH54AA, HP GT52 Magenta Original Ink Bottle MOH55AA, HP GT52 Yellow Original Ink Bottle MOH56AA
<b>Output capacity</b>	Up to 100 sheets
<b>Output file format</b>	BMP; JPEG; PDF; TIF
<b>Package dimensions (W x D x H)</b>	19.06 x 9.41 x 16.14 in
<b>Package dimensions (W x D x H)</b>	484 x 239 x 410 mm
<b>Package weight</b>	9.20 kg
<b>Package weight</b>	20.24 lb
<b>Pallet dimensions</b>	48 x 40 x 102 in
<b>Pallet dimensions (W x D x H)</b>	1220 x 1015 x 2590 mm

<b>Pallet weight</b>	574 kg
<b>Pallet weight</b>	1264 lb
<b>Paper handling input, standard</b>	150-sheet input tray
<b>Paper handling output, standard</b>	100-sheet output tray
<b>Paper trays, maximum</b>	1
<b>Paper trays, standard</b>	1
<b>PictBridge description</b>	No
<b>PictBridge supported</b>	No
<b>Power</b>	Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)
<b>Print Technology</b>	Ink
<b>Print colors</b>	Yes
<b>Print colors maximum</b>	4
<b>Print head nozzles</b>	704 (Black), 588 (Tri-color)
<b>Print heads</b>	2 (1 each black, tri-color)
<b>Print languages</b>	HP PCL 3 GUI
<b>Print speed black (ISO)</b>	Up to 12 ppm
<b>Print speed black (draft, A4)</b>	Up to 22 ppm
<b>Print speed color (ISO)</b>	Up to 7 ppm
<b>Print speed color (draft, A4)</b>	Up to 21 ppm
<b>Print technology</b>	HP Thermal Inkjet
<b>Printer Management</b>	No
<b>Printer drivers included</b>	HP PCL 3 GUI
<b>Processor speed</b>	800 MHz
<b>Product logos</b>	USB High-Speed Certified Registered Trademark Logo; EnergyStar; PAP 20; SmartWay; EPEAT Silver
<b>Product name (back)</b>	HP Smart Tank 670 Series Printer
<b>Product name (front)</b>	HP Smart Tank 670 Series Printer
<b>Product name (primary)</b>	HP Smart Tank 670 Series Printer
<b>Product name (secondary)</b>	HP Smart Tank 670 Series Printer
<b>Quantity per pallet</b>	60
<b>RMN number</b>	SNPRC-2102-01
<b>Recommended Macintosh system requirements</b>	macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
<b>Recommended monthly page volume</b>	400 to 800

<b>Recommended monthly page volume note</b>	HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
<b>Recommended operating humidity range</b>	20 to 80% RH
<b>Recommended operating temperature range</b>	59 to 86°F
<b>Recommended operating temperature range</b>	15 to 30°C
<b>Right margin (A4)</b>	3.3 mm
<b>Safety</b>	IEC 60950-1 & IEC 62368-1 Ed. 2 compliant; Safety CSA NRTL; EU RED and EN 62368-1 Ed. 2 compliant; NEMKO GS approved; Mexico NOM-1-NYCE, Singapore "Safety Mark"; Russia EAC; China CCC
<b>Scan resolution, hardware</b>	Up to 1200 x 1200 dpi
<b>Scan resolution, optical</b>	Up to 1200 dpi
<b>Scan size, maximum</b>	8.5 x 11.69 in
<b>Scan size, maximum</b>	216 x 297 mm
<b>Send to email capability</b>	No
<b>Service &amp; support features</b>	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 <a href="http://www.hp.com/support">http://www.hp.com/support</a> ; to improve your product experience, please take the time to register at <a href="http://www.register.hp.com">http://www.register.hp.com</a> .
<b>Service &amp; support options</b>	Protect your investment—HP Total Care offers a variety of extended warranties and services, go to <a href="http://www.hp.com/support">http://www.hp.com/support</a>
<b>Standard input capacity (cards)</b>	Up to 30 cards
<b>Standard input capacity (legal)</b>	Up to 150 sheets
<b>Standard media sizes (duplex)</b>	A4; B5; Not supported for borderless photo
<b>Standard media sizes (duplex, imperial)</b>	Letter; Executive; Not supported for borderless photo
<b>Standard output capacity (cards)</b>	Up to 30 cards
<b>Standard output capacity (envelopes)</b>	Up to 30 envelopes
<b>Standard output capacity (labels)</b>	Up to 20 sheets
<b>Standard output capacity (legal)</b>	Up to 50 sheets
<b>Storage altitude</b>	15,000 ft
<b>Storage altitude</b>	4572 m
<b>Storage temperature range</b>	-40 to 140°F
<b>Storage temperature range</b>	-40 to 60°C
<b>Sub-brand name</b>	Smart Tank



<b>System requirements, recommended</b>	Windows10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer.
<b>Target user and print volume</b>	For teams up to 3 users; Prints up to 800 pages/month
<b>Tariff numbers</b>	National HTS: 8443310000 EU/AM Base HTS:8443310000 AP Base HTS: 84433111
<b>Telecom compliance (fax capability)</b>	EN 300 328 V2.2.2; EN 301 893 V2.1.1; EN 300 440 V2.1.1
<b>Top key features</b>	Scan to PDF
<b>Top margin (A4)</b>	3.3 mm
<b>Twain version</b>	Version 2.1
<b>Typical electricity consumption (TEC) number</b>	0.30 kWh/Week
<b>UNSPSC code</b>	43212104
<b>Vertical alignment accuracy</b>	+/- 0.059 in
<b>Wireless technologies</b>	Bluetooth® 5.0; 802.11 a/b/g/n/ac; Wi-Fi®

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*[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>*

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## Ink Supplies

★ : Recommended

### HP Ink Bottles

HP 31 70-ml Cyan Original Ink Bottle	1VU26AE
HP 31 70-ml Magenta Original Ink Bottle	1VU27AE
HP 31 70-ml Yellow Original Ink Bottle	1VU28AE
HP 32XL 135-ml Black Original Ink Bottle	1VV24AA
HP 32XL 135-ml Black Original Ink Bottle	1VV24AE
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 GT53XL 135-ml Black Original Ink Bottle	1VV21AL

### HP Inkjet Printer Cartridges and Ink Supplies

HP 6ZA17AE Black Printhead	6ZA17AE
HP 6ZA18AE Tri-color Printhead	6ZA18AE
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	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

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