



HP Smart Tank 795 All-in-One (28B96A)

Overview



Boost productivity with up to three years of Original HP Ink included in the box.[2]

Boost productivity with mobile setup, [1] two-sided printing, Magic touch panel, and fax, so you can connect, work, and print intuitively. Get outstanding quality and value – up to three years of Original HP Ink included in the box.[2]

A premium printing experience from start to finish

Use the guided, step-by-step videos to quickly set up your printer.[1]

Fully loaded with savings

Get up to 18,000 black or 8,000 colour pages of Original HP Ink included in the box.[5]

Your shortcut to maximum productivity

Speed through multi-page documents with automatic two-sided printing.

Environmentally conscious printing

This printer is made from recycled printers and other electronics – more than 25% by weight of plastic.

Features



Engineered for high-volume printing



Automatic two-sided printing



Your reliable connection



HP Smart app



Seamless, guided setup



Exceptional HP quality

[1] Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>. Certain features/software are available in English language only and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details at <http://www.hpsmart.com>. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores.

[2] Based upon 200 pages per month of HP Smart Tank customers' usage. Actual yield varies considerably based on content of printed pages and other factors. Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Some ink from included bottles is used to start up the printer. For details see <http://www.hp.com/go/learnaboutsupplies>.

[5] Black and composite colour average per bottle (cyan/magenta/yellow). Three HP GT53XL black bottles included in the box print up to 6,000 test pages on average. 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 may be 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 <http://www.hp.com/go/learnaboutsupplies>.

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 15 ppm
Print Speed Color (ISO)	Up to 9 ppm
Print speed	Print speed up to 15 ppm (black) and 9 ppm (color)
Bottom margin (A4)	3.3 mm
Left margin (A4)	3.3 mm
Right margin (A4)	3.3 mm
Top margin (A4)	3.3 mm
Functions	Print, Copy, Scan, Fax, ADF and Wireless
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 6,000 pages
Duty cycle (monthly, letter)	Up to 6,000 pages
Printer smart software features	Duplex Printing
Fax smart software features	Yes
Replacement cartridges	HP 32 90-ml Black bottle (~4000 pages), HP 32XL 135-ml Black bottle (~6000 pages), HP 31 70-ml Cyan bottle (~8000 pages), HP 31 70-ml Magenta bottle (~8000 pages), HP 31 70-ml Yellow bottle (~8000 pages); For more information about fill and yield see www.hp.com/go/learnaboutsupplies ^[6]
Connectivity, standard	1 Fax; 1 USB Host (print JPEG only); 1 Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.11a/b/g/n; 1 Wi-Fi 802.11ac (dual band); 1 Ethernet
Network capabilities	Yes, via built-in Ethernet; Wi-Fi
Wireless capability	Yes, 2.4/5G dual band Wi-Fi, Wi-Fi Direct
Mobile printing capability	Apple AirPrint; Mopria™ certified; HP Print Service Plugin (Android printing); HP app; Wi-Fi® Direct Printing
Software included	HP Printer Software, available online
Compatible Operating Systems	Windows 11; Windows 10; Windows 7; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; Chrome OS <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>
Sustainability specifications	25% post-consumer recycled plastic; Recyclable through HP Planet Partners
Energy star certified	No
Ecolabels	EPEAT® registered; CECP; SEPA
Fax Resolution Black (best)	Up to 300 x 300 dpi

Faxing	Yes, color
Scan speed (normal, A4)	Up to 8 ipm (200 ppi, mono); Up to 3.5 ipm 200 ppi, color)
Scan speed (normal, letter)	Up to 8 ipm (200 ppi, mono); Up to 3.5 ipm 200 ppi, color)
Scan file format	JPEG, TIFF, PDF, BMP, PNG
Scan input modes	Front Panel Scan; Copy; Fax; HP Software; EWS
Scan technology	Contact Image Sensor (CIS)
Scanner type	Flatbed and ADF
Display	3 in (76.2 mm) Touchscreen MGD (Mono Graphics Display)
Dimensions (W x D x H)	42.75 x 36.40 x 24.03 cm
Dimensions (W x D x H)	16.83 x 14.33 x 9.46 in
Weight	7.70 kg
Weight	16.98 lb
Power consumption	0.1 watts (off);1.10 watts (sleep) ^[2]
Power supply type	Internal
What's in the box	HP Smart Tank 795 All-in-One; 3 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; Power cord; PHA; Setup guide; Reference guide; Ink caution flyer; Regulatory flyers; warranty flyers; For more information about fill and yield, see http://www.hp.com/go/learnaboutsupplies
Manufacturer Warranty	Up to 3 years extended warranty upon registration at http://www.hp.com/go/SmartTank3years_warranty . User replaceable parts have separate warranty periods.

Additional specifications

Acoustic power emissions (active copy)	6.3 B(A) (copying at 9ppm with ADF running)
Acoustic power emissions (active, printing)	6.5 B(A) (printing at 10ppm)
Acoustic pressure emissions	51.9 dBA (Mono) ; 47.9 dBA (Colour)
Additional information about HP	https://www.hp.com
Additional information about HP in the countries	https://www.hp.com/uk
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 35 sheets
Automatic paper sensor	Yes
Bit depth	24-bit
Borderless printing	Yes (up to 8.5 x 11 in, 210 x 297 mm)
Cable included	No, please purchase USB cable separately
Cartons per layer	8
Color copy capability	Yes
Color or black	Color
Color scanning	Yes
Compatible Network Operating Systems	Windows 11; Windows 10; Windows 7; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; Chrome OS
Connection type	Wireless
Control panel	3 in (76.2 mm) Touchscreen MGD (Mono Graphics Display), touch button (cancel, help, back)
Copier settings	Number of Copies, Resize, Quality, Lighter/Darker, Papersize, ID Copy
Copies, maximum	Up to 99 copies
Copy Speed Black (maximum, A4)	Up to 23 cpm
Copy Speed Color (maximum, A4)	Up to 22 cpm
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 x 600 dpi
Copy speed black (ISO)	Up to 13 cpm
Copy speed color (ISO)	Up to 6 cpm

Count of layers in pallet	6
Datasheet photo 1	Publication photos/Sayan_HP Smart Tank 795_28B96A_front.jpg
Datasheet photo 2	Publication photos/Sayan_HP Smart Tank 795_28B96A_side.jpg
Dimensions with trays up (W x D x H)	427.54 x 364.00 x 240.25 mm
Distinctive ring detection supported	Yes
Duty cycle note	Duty cycle is the maximum number of pages that can be printed in a month, but this page volume is not recommended on an ongoing basis.
Electromagnetic compatibility	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
End of Life CO2e (kg)	3
Energy Usage CO2e (kg)	5
Enhanced scanning resolution	Up to 1200 dpi
Envelope Feeder	No
Fax Auto Redial	Yes
Fax Memory Note	Varies based on content
Fax Modem Speed	Internal. Data transfer rate up to 33.6kbps
Fax PC Interface Supported	Yes, PC fax send and archive
Fax Polling	No
Fax Remote Retrieval	No
Fax Speed Dials, Maximum Number	Up to 99 numbers
Fax Transmission Speed	33.6 kbps
Fax Transmission Speed Note	Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
Fax delayed sending	Yes
Fax forwarding	Yes
Fax memory	Up to 100 pages
Fax memory	Up to 100 pages
Fax phone TAM interface supported	No
Fax phone features	Yes
Fax resolution black	203 x 196 dpi
Fax resolution color (fine)	200 x 200 dpi
Fax resolution color (standard)	200 x 200 dpi
Fax telephone mode supported	Yes

Fax transmission speed (letter)	4 sec per page
Faxing options (ADF)	Single-sided
File Format Supported	PDF; BMP; PNG; TIF; JPG
First page out black (A4, ready)	As fast as 14 sec
First page out color (A4, ready)	As fast as 16 sec
First page out footnote	For details see http://www.hp.com/go/printerclaims
Image scaling or enlargement range	25-400%.
Ink types	Pigment-based (black); Dye-based (color)
Input capacity	Up to 250 sheets
Junk fax barrier	Yes
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 30 envelopes
Maximum Memory	256 MB
Maximum dimensions (W x D x H)	17.86 x 17.35 x 9.83 in
Maximum dimensions (W x D x H)	453.55 x 440.73 x 249.63 mm
Maximum input capacity (photo paper)	Up to 50 sheets
Maximum input capacity (sheets)	Up to 250 sheets
Maximum output capacity (cards)	Up to 30 cards
Maximum output capacity (envelopes)	Up to 30 envelopes
Maximum output capacity (photo paper)	Up to 30 sheets
Maximum output capacity (sheets)	Up to 100 sheets
Maximum print area	215.9 x 355.6 mm
Media sizes supported	A4; A5; A6; B5 (JIS); Envelope (DL, C5, C6, Chou #3, Chou #4); Card (Hagaki, Ofuku Hagaki)
Media sizes supported	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)
Media sizes supported, key	Envelopes; Legal; Letter; 4 x 6 in
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	3.5 x 5 in to 8.5 x 14 in
Media sizes, custom	88.9 x 127 mm to 215.9 x 355.6 mm

Media types	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
Media weight, recommended	60 to 105 g/m ²
Media weight, recommended	16 to 28 lb
Media weight, supported	Plain paper: 60 to 105 g/m ² ; Envelopes: 75 to 90 g/m ² ; Cards: up to 200 g/m ² ; Photo paper: up to 250 g/m ²
Media weight, supported	Plain paper: 16 to 28 lb; Envelopes: 20 to 24 lb; Cards: up to 110 lb; Photo paper: up to 66 lb
Memory	256 MB
Minimum System Requirements	Windows 10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer.
Minimum System Requirements for Macintosh	macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Model number	795
Multitasking supported	No
Non-Operating Humidity Range	5 to 90% RH (non-condensing)
Number of users	1-3 Users
Operating altitude	Up to 10,000 ft
Operating humidity range	15 to 80% RH (non-condensing)
Operating temperature range	41 to 104°F
Operating temperature range	5 to 40°C
Output capacity	Up to 100 sheets
Output file format	BMP; JPEG; PDF; TIF
Package dimensions (W x D x H)	19.06 x 11.18 x 16.14 in
Package dimensions (W x D x H)	484 x 284 x 410 mm
Package weight	23.54 lb
Package weight	10.70 kg
Page Yield in Draft Mode	(670)~22,800 pages Black, ~9,600 pages Color,(AB0)~7,600 pages Black, ~9,600 pages Color,(ABT)~22,800 pages Black, ~9,600 pages Color, (BEW)~22,800 pages Black, ~9,600 pages Color,(BHG)~22,800 pages Black, ~9,600 pages Color ^[8]
Page Yield in Draft Mode Footnote	Draft page yields are approximate and were measured using "Draft" print-quality settings in the Windows/Mac driver, based on HP Methodology from the simulation of continuous printing of ISO/IEC 24712 pages. Actual page yield varies significantly depending on content printed, ink levels maintained in all four reservoirs, and other factors. For more information about fill and yield, see https://hp.com/go/learnaboutsupplies .
Pallet dimensions	48 x 40 x 102 in
Pallet dimensions (W x D x H)	1220 x 1016 x 2590 mm
Pallet weight	428 kg

Pallet weight	942 lb
Paper handling input, standard	250-sheet input tray
Paper handling output, standard	100-sheet output tray
Paper trays, maximum	1
Paper trays, standard	1
Photo (product photo, jpg, 70x100)	Printers and Multifunction/CD028B_70x100.jpg
PictBridge description	No
PictBridge supported	No
Power	Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz)
Print Cartridge/Bottle, Color(s)	Black; Cyan; Magenta; Yellow
Print Speed (Draft, A4 Memo) Footnote Number	[7]
Print Speed Black (Draft, A4 Memo)	Up to 30 ppm
Print Speed Color (Draft, A4 Memo)	Up to 28 ppm
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 15 ppm
Print speed black (draft, A4)	Up to 23 ppm
Print speed color (ISO)	Up to 9 ppm
Print speed color (draft, A4)	Up to 22 ppm
Print speed color (draft, letter)	Up to 22 ppm
Print technology	HP Thermal Inkjet
Printer Management	No
Printer drivers included	HP PCL 3 GUI
Processor speed	800 MHz
Product long name specifications	HP Smart Tank 795 All-in-One, Color Printer for Home, Print, Copy, Scan, Fax, ADF and Wireless, 35-sheet ADF; Scan to PDF; Two-sided printing
Product name (back)	HP Smart Tank 790 series
Product name (front)	HP Smart Tank 790 series
Product name (primary)	HP Smart Tank 790 series
Product name (secondary)	HP Smart Tank 790 series

Product safety	https://support.hp.com/gb-en/product/setup-user-guides/hp-smart-tank-790-series/model/2100178917?sku=28B96A
Product short name specifications	HP Smart Tank 795 Wireless All-in-One Color Printer, Two-sided printing; Copier, Scanner
Production CO2e (kg)	44
Quantity per pallet	48
Recommended Macintosh system requirements	macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Recommended monthly page volume	400 to 1200
Recommended monthly page volume note	HP recommends the number of pages printed not exceed the recommended monthly page volume for optimum device performance.
Recommended operating humidity range	20 to 80% RH
Recommended operating temperature range	59 to 86°F
Recommended operating temperature range	15 to 30°C
Resolution (black and white, standard mode)	203 x 98 dpi
Safety	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
Scan resolution, hardware	Up to 1200 x 1200 dpi
Scan resolution, optical	Up to 1200 dpi
Scan size (ADF), maximum	216 x 356 mm
Scan size (ADF), maximum	8.5 x 14 in
Scan size, maximum	8.5 x 11.69 in
Scan size, maximum	216 x 297 mm
Scanning options (ADF)	Single-sided
Segment (filter)	Home
Send to email capability	Yes
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 50,000 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 .
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 (legal)	Up to 250 sheets

Standard media sizes (duplex)	A4; B5; Not supported for borderless photo
Standard media sizes (duplex, imperial)	Letter; Executive; Not supported for borderless photo
Standard memory note	Not upgradeable
Standard output capacity (cards)	Up to 30 cards
Standard output capacity (envelopes)	Up to 30 envelopes
Standard output capacity (legal)	Up to 50 sheets
Storage altitude	15,000 ft
Storage temperature range	-40 to 60°C
Storage temperature range	-40 to 140°F
Sub-brand name	Smart Tank
System requirements, recommended	Windows 10, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Internet Explorer.
Target user and print volume	For teams up to 3 users; Prints up to 1200 pages/month
Technology logo 2	AHID/2b568718d1c03c3a2fa7ced5b263d50c1376b2a8
Technology logo 3	AHID/7341217a846d594cd0e72df996225dad52afa953
Technology logo 4	Publication logos/Windows7new.jpg
Technology logo 5	AHID/0e41ea2a916263d4c3403cc03016fcaae7311969
Technology logo 6	Publication logos/Mopria logo TM new.jpg
Technology logo 7	AHID/6ccf9d4446c01c859534a2fb7659263b9b01ddf4
Telecom compliance (fax capability)	EN 300 328 V2.2.2; EN 301 893 V2.1.1; EN 300 440 V2.1.1
Telephone handset supported	No
Top key features	35-sheet ADF; Scan to PDF; Two-sided printing
Total CO2e (kg)	60 <i>(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)</i>
Transportation CO2e (kg)	3
Twain version	Version 2.1
Typical electricity consumption (TEC) number	0.20 kWh/Week
UNSPSC code	43212104
UPC number	(670) 195908302544; (BEW) 195908302575; (BHG) 195908302582
Vertical alignment accuracy	+/- 0.02 mm
Vertical alignment accuracy	+/- 0.0008 in

[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>

[8] Draft page yields are approximate and were measured using "Draft" print-quality settings in the Windows/Mac driver, based on HP Methodology from the simulation of continuous printing of ISO/IEC 24712 pages. Actual page yield varies significantly depending on content printed, ink levels maintained in all four reservoirs, and other factors. For more information about fill and yield, see <https://hp.com/go/learnaboutsupplies> .

Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Consumer Care Pack Services

HP 3 Year Return to Depot for SmartTank Printer - H SVC	U35PHE
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Ink/Toner/Paper/Printer Supplies

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	1VV24AE
HP GT52 Cyan Original Ink Bottle	M0H54AE
HP GT52 Magenta Original Ink Bottle	M0H55AE
HP GT52 Yellow Original Ink Bottle	M0H56AE
HP GT53XL 135-ml Black Original Ink Bottle	1VV21AE

HP Inkjet Printer Cartridges and Ink Supplies

HP 6ZA17AE Black Printhead	6ZA17AE
HP Inktank Tri-Color Printhead	3YP17AE

HP Photo Papers

HP Photo Papers for inkjet

HP Matte Photo Paper 180 g/m2 10 x 15 cm (101 x 152 mm) 25 sheets	7HF70A
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