



HP Smart Tank 790 All-in-One (4WF66A)



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)
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 Gigabit Ethernet; 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)
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 Smart 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 (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)
Sustainable impact 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)
Minimum dimensions (W x D x H)	42.75 x 36.40 x 24.03 cm
Minimum 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 790 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	59.4 dB(A) (printing at 10ppm)
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)
Bottom margin (A4)	3.3 mm
Cable included	No, please purchase USB cable separately
Cartons per layer	8
Color copy capability	Yes
Color or black	Color
Color scanning	Yes
Color(s) of printing supplies	Black; Cyan; Magenta; Yellow
Compatible Network Operating Systems	Windows 11
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 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
Country of origin	Made in China
Datasheet photo 1	Publication photos/Sayan_HP Smart Tank 790_4WF66A_front.jpg
Datasheet photo 2	Publication photos/Sayan_HP Smart Tank 790_4WF66A_side.png
Dimensions with trays up (W x D x H)	427.54 x 364.00 x 240.25 mm
Distinctive ring detection supported	Yes
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
Enhanced scanning resolution	Up to 1200 dpi
Envelope Feeder	No
Exifprint supported	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
Left margin (A4)	3.3 mm
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 (labels)	Up to 20 sheets
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 (labels)	Up to 20 sheets
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	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	A4; A5; A6; B5 (JIS); Envelope (DL, C5, C6, Chou #3, Chou #4); Card (Hagaki, Ofuku Hagaki)
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes supported, key	Envelopes; Legal; Letter; 4 x 6 in
Media sizes, custom	88.9 x 127 mm to 215.9 x 355.6 mm
Media sizes, custom	3.5 x 5 in to 8.5 x 14 in

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	16 to 28 lb
Media weight, recommended	60 to 105 g/m ²
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	790
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	5 to 40°C
Operating temperature range	41 to 104°F
Output capacity	Up to 100 sheets
Output file format	BMP; JPEG; PDF; TIF
Package dimensions (W x D x H)	484 x 284 x 410 mm
Package dimensions (W x D x H)	19.06 x 11.18 x 16.14 in
Package weight	10.70 kg
Package weight	23.54 lb
Pallet dimensions	48 x 40 x 102 in
Pallet dimensions (W x D x H)	1220 x 1016 x 2590 mm
Pallet weight	942 lb
Pallet weight	428 kg
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 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 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 short name specifications	HP Smart Tank 790 All-in-One, Color, Printer for Home and home office, Print, Copy, Scan, Fax, ADF and Wireless, 35-sheet ADF; Scan to PDF; Two-sided printing
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 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.
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
Right margin (A4)	3.3 mm
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	8.5 x 14 in
Scan size (ADF), maximum	216 x 356 mm
Scan size, maximum	216 x 297 mm
Scan size, maximum	8.5 x 11.69 in
Scanning options (ADF)	Single-sided
Segment (filter)	Home and home office
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; up to two years or 50,000 pages limited hardware warranty upon registration in www.hp.com/go/extendmywarranty whichever is earlier from the date of purchase; Offer for 2 years warranty expires after 60 days of printer 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 (labels)	Up to 20 sheets
Standard output capacity (legal)	Up to 50 sheets
Storage altitude	15,000 ft
Storage temperature range	-40 to 140°F
Storage temperature range	-40 to 60°C
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/0185e998278948e9305d0ba6bc1534e24b8e64aa
Technology logo 3	AHID/b9dcf1190459bbac1f1f6ca5b6b3b5efc1178efb
Technology logo 4	Publication logos/Windows7new.jpg
Technology logo 5	AHID/b00856f681d2f3410e99018a771cc8ac3149db6b
Technology logo 6	Publication logos/Mopria.jpg
Technology logo 7	AHID/a6e83756a3ca20b047a0baab4bc9840b8a4073d2
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
Top margin (A4)	3.3 mm
Twain version	Version 2.1
Typical electricity consumption (TEC) number	0.20 kWh/Week
UNSPSC code	43212104
UPC number	(ABT) 195908302865; (BEW) 195908302940
Vertical alignment accuracy	+/- 0.02 mm
Vertical alignment accuracy	+/- 0.0008 in
Wireless technologies	802.11a/b/g/n/ac; Wi-Fi®

[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/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/m ² , 10 x 15 cm (101 x 152 mm), 25 sheets	7HF70A
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Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Consumer Care Pack Services

HP 3 year Return to Depot Service for MFP Page Limit

U35PHE

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