



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

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| 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 <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> |
| 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 |

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| 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

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| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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

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|--------------------------------------------|-----------|
| 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

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

HP Photo Papers

HP Photo Papers for inkjet

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|----------------------------------------------------------------------|--------|
| HP Matte Photo Paper, 180 g/m2, 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

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| HP 3 year Return to Depot Service for MFP Page Limit | U35PHE |
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