



HP Smart Tank 790 All-in-One

Works hard. Saves easy.

Boost productivity with mobile setup,¹ two-sided printing, modern touch interface, 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



ISO Speed: Black: Up to 15 ppm; Color: Up to 9 ppm

Print Resolution: Black (best): Up to 1200 x 1200 rendered dpi; Color (best): Up to 4800 x 1200 optimized dpi color when printing from a computer and 1200 input dpi

Scan Resolution: Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi

Copy Resolution: Black (text & graphics): Up to 600 dpi; Color (text & graphics): Up to 600 x 600 dpi

Fax Resolution: Black (best): Up to 300 x 300 dpi; Color (best): 200 x 200 dpi

Standard Connectivity: 1 USB Host; Hi-Speed USB 2.0; Wi-Fi; Bluetooth LE; Ethernet; Fax

Mobile Printing Capability: Apple AirPrint; HP Print Service Plugin (Android printing); HP Smart app; Mopria™ certified; Wi-Fi Direct Printing

Duty cycle: Monthly (A4): Up to 6,000 pages

Display: 76.2 mm (3 in) Touchscreen MGD (Mono Graphics Display)

A premium printing experience from start to finish

- Use the guided, step-by-step videos to quickly set up your printer.¹
- Get faster, more reliable connections using dual band Wi-Fi with self-healing.³
- Easily manage tasks with an integrated, modern touch interface for an intuitive experience.
- Easily monitor and maintain ink and paper levels with integrated ink tank light and paper sensors.

Your shortcut to maximum productivity

- Speed through multi-page documents with automatic two-sided printing.
- Count on dark, crisp text, and get vibrant color graphics for all your prints.
- Streamline workflow with Shortcuts on the HP Smart app.⁴ Print, scan, share, and more-in just a tap.¹
- Work fast and hands-free-the 35-page auto-feeder helps you complete jobs quickly.

Fully loaded with savings

- Get up to 12,000 black or 8,000 color pages of Original HP Ink included in the box.⁵
- Print at high volumes at an extremely low cost-per-page with this high-capacity ink tank system.⁶
- Replenishing ink is clean and easy with HP's innovative spill-free refill system.⁷

Environmentally conscious printing

- This printer is made from recycled printers and other electronics-more than 25% by weight of plastic.
- EPEAT Silver certified printer: an environmentally conscious choice.
- Count on easy cartridge recycling at no charge through HP Planet Partners.⁹
- HP FSC-certified paper is sustainably sourced, helping stop deforestation and protect wildlife.



¹ Requires the HP Smart app download. For details on local printing requirements see 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 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 www.hp.com/go/learnaboutsupplies. ³ Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs 2.4 GHz band (up to 72.2 mbps). ⁴ Based on internal HP testing. Average timing estimate based on: 1) downloaded HP Smart app on mobile or desktop device, 2) setting up Shortcuts, 3) scanning jobs which have more than 2-3 tasks associated with them (scan to email, save and rename, store to cloud, etc.). Average timing savings comparison based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP Smart app download and supported HP printer. For details on local printing requirements see www.hp.com/go/mobileprinting. ⁵ Black and composite color average per bottle (cyan/magenta/yellow) Two 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 8000 color 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 www.hp.com/go/learnaboutsupplies. ⁶ HP ink bottles compared to HP ink cartridges. Cost per page based on expected black and composite (cyan/magenta/yellow) page yield results based on HP methodology and continuous printing of ISO/IEC 24712 test pages. Not based on ISO/IEC 24711 test process. 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 hp.com/go/learnaboutsupplies. ⁷ When used in accordance with setup instructions. ⁸ Made with more than 25% recycled plastic by weight. ⁹ Program availability varies. See hp.com/recycle.

HP Smart Tank 790 All-in-One Technical specifications

Functions	Print, Copy, Scan, Fax, ADF and Wireless
Multitasking supported	No
Print speed ⁵	Black (ISO): Up to 15 ppm; Color (ISO): Up to 9 ppm; Black (draft): Up to 23 ppm; Color (draft): Up to 22 ppm
Print resolution	Black (best): Up to 1200 x 1200 rendered dpi; Color (best): Up to 4800 x 1200 optimized dpi color when printing from a computer and 1200 input dpi
Print technology	HP Thermal Inkjet
Borderless printing	Yes (up to 8.5 x 11 in, 210 x 297 mm)
Standard print languages	HP PCL 3 GUI
Printer smart software features	Duplex Printing
Scan type / Technology	Flatbed and ADF Contact Image Sensor (CIS)
Scan resolution	Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi
Scan file format	BMP, JPEG, TIFF, PDF, PNG
Scan input modes	Front Panel Scan; Copy; Fax; HP Software; EWS
Scan size maximum	ADF: 216 x 356 mm; Flatbed: 216 x 297 mm
Scan speed	Up to 8 ipm (200 ppi, mono); Up to 3.5 ipm 200 ppi, color)
Scanner advanced features	No
Bit depth / Grayscale levels	24-bit/256
Copy speed ⁴	Black (ISO): Up to 13 cpm; Color (ISO): Up to 6 cpm
Copy resolution	Black (text and graphics): Up to 600 dpi; Up to 600 dpi; Color (text and graphics): Up to 600 x 600 dpi
Maximum number of copies	Up to 99 copies
Copier settings	Number of Copies, Access copier settings of Resize, Quality, Lighter/Darker, Papersize, Papertype settings via HP Smart
Fax resolution	Black (best): Up to 300 x 300 dpi; Color (best): 200 x 200 dpi; Black (standard): 203 x 98 dpi; Color (standard): 200 x 200 dpi
Fax speed	4 sec per page
Fax smart software features	Yes
Fax Features	Fax memory: Up to 100 pages; Auto fax reduction supported: Yes; Auto-redialing: Yes; Fax delayed sending: Yes; Distinctive ring detection supported: Yes; Fax forwarding supported: Yes; Fax phone TAM interface supported: No; Fax polling supported: No; Fax telephone mode supported: Yes; Junk barrier supported: Yes; Maximum speed dialing numbers: Up to 99 numbers; PC interface supported: Yes, PC fax send and archive; Remote retrieval capability supported: No; Telephone handset supported: No
Standard connectivity	1 USB Host; Hi-Speed USB 2.0; Wi-Fi; Bluetooth LE; Ethernet; Fax
Network capabilities	Yes, via built-in Ethernet; Wi-Fi
Wireless capability	Yes, 2.4/5G dual band Wi-Fi, Wi-Fi Direct, Bluetooth low energy
Mobile printing capability ³	Apple AirPrint; Mopria certified; HP Print Service Plugin (Android printing); HP Smart app; Wi-Fi Direct Printing
Memory	Standard: 256 MB; Maximum: 256 MB
Processor speed	800 MHz
Duty cycle	Monthly, A4: Up to 6,000 pages
Recommended monthly page volume	400 to 1200
Media types supported	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 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 sizes supported	A4; A5; A6; B5 (JIS); Envelope (DL, C5, C6, Chou #3, Chou #4); Card (Hagaki, Ofuku Hagaki)
Media Sizes Custom	88.9 x 127 mm to 215.9 x 355.6 mm
Paper handling	Input Capacities: Up to 250 sheets Standard; Up to 30 envelopes; Up to 30 cards; Up to 20 sheets Labels; Up to 250 sheets Legal Auto Document Feeder: Standard, 35 sheets Output Capacities: Up to 100 sheets Standard; Up to 30 envelopes; Up to 30 cards; Up to 20 sheets Labels; Up to 50 sheets Legal Duplex Options: Automatic Envelope feeder: No Standard paper trays: 1

What's in the box	4WF66A HP Smart Tank 790 All-in-One Printer; HP GT53 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; Setup guide; Reference guide; Regulatory flyer; Power cord; For more information about fill and yield, see http://www.hp.com/go/learnaboutsupplies .
Replacement cartridges ⁶	HP 53XL Black bottle (~6000 pages); HP GT53 Black bottle (~4,000 pages); HP GT52 Cyan bottle (~8,000 pages); HP GT52 Magenta bottle (~8,000 pages), HP GT52 Yellow bottle (~8,000 pages). For more information about fill and yield see www.hp.com/go/learnaboutsupplies .
Product dimensions	W x d x h: 42.75 x 36.40 x 24.03 cm; Maximum: 453.55 x 440.73 x 249.63 mm
Product weight	7.70 kg
Energy star certified	No
Control panel	3 in (76.2 mm) Touchscreen MGD (Mono Graphics Display), touch button (cancel, help, back)
Display description	3 in (76.2 mm) Touchscreen MGD (Mono Graphics Display)
Software included	HP Printer Software, available online
Compatible operating systems	Windows 10, 7; macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur;
Minimum system requirements	PC: Windows 10, 7: 32-bit or 64-bit; 2 GB available hard disk space, Internet connection, Internet Explorer.; Mac: macOS v10.14 Mojave, macOS v10.15 Catalina, macOS v11 Big Sur; 2 GB HD; Internet required
Power ²	Power supply type: Internal; Power requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 0.1 watts (off); 1.10 watts (sleep)
Acoustics	Acoustic power emissions: 6.5 B(A) (printing at 10ppm); Acoustic pressure emissions: 59.4 dB(A) (printing at 10ppm)
Operating environment	Operating temperature range: 5 to 40°C; Recommended operating temperature: 15 to 30°C; Storage temperature range: -40 to 60°C; Non-operating humidity range: 5 to 90% RH (non-condensing); Operating humidity range: 15 to 80% RH (non-condensing); Recommended humidity operating range: 20 to 80% RH
Accessories	None
HP Service and Support options	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 .

Learn more at
hp.com

¹ Dimensions vary as per configuration 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. ³ Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 and 5 GHz routers only; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see <http://hpconnected.com>. Print times and connection speeds may vary. Apple, AirPrint, Mac, and macOS are trademarks of Apple Inc., registered in the U.S. and other countries. Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Windows is a trademark of the Microsoft group of companies. Mopria®, the Mopria® Logo, and the Mopria Alliance™ word mark and logo are registered and/or unregistered trademarks and service marks of Mopria Alliance, Inc. in the United States and other countries. Unauthorized use is strictly prohibited ⁴ Speed specifications have been updated to reflect current industry testing methods. ⁵ Either after first page or after first set of ISO test pages. For details see: <http://hp.com/go/printerclaims> 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> ¹⁰ Program availability varies. For details, see <http://www.hp.com/recycle>.

