HP ENVY Photo 7830 All-in-One Printer

Phone to stunning photo. Amazing, awe-inspiring photos. Enhanced productivity.

HP Instant Ink

Get productive performance and photos that shine with powerful all-in-one capabilites. Produce authentic colours, and set up, connect, and print right from your mobile device.[1]

This printer is intended to work only with cartridges that have new or reused HP electronic circuitry, and it uses dynamic security measures to block cartridges using modified or non-HP circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP electronic circuitry enables the use of reused, remanufactured, and refilled cartridges. More at: Learn more at: http://www.hp.com/learn/ds

Highlights

- **Print speed** Up to 15 ppm ISO black (A4); Up to 10 ppm ISO colour (A4)
- **Paper Handling** 125-sheet Main Input Tray, 15-sheet Photo Tray, Up to 25 sheets output tray
- **Connectivity** Standard 1 Hi-Speed USB 2.0; 1 Wi-Fi 802.11b/g/n
- **Fax Capability** Yes

Mobile application

Wireless

Mobile printing

2-sided printing

Color touchscreen

SD card

Auto engage photo tray

Quiet mode

Save up to 70% on ink with HP Instant Ink[2]

- Save up to 70% on ink[2] and never run out ink. Original HP ink. Ordered by your printer, delivered to your door.[3]
- Print colour, black & white, and photos – your cost is the same.
- Ink cartridges and delivery costs included in your monthly plan price.
- No annual fee – change or cancel plans online anytime without penalty.[4]

The power of your printer in the palm of your hand

- Printing photos just got easier – from social media, the cloud, and your camera-roll gallery.[5]
- Amazing scanning, now on your smartphone. Scan and share to email or the cloud – from virtually anywhere.[5]
- Ordering ink has never been easier – directly through the app.[5]
- Easily print photos and everyday documents directly from your smartphone or tablet.[1]

A new level of wireless connectivity you can count on

- Get simple Wi-Fi® setup in minutes, and start printing fast.[6]
- Have confidence in your connection with steady performance from dual band Wi-Fi®.[7]

HP's most productive printer for home

- Simply insert an SD or USB card, then view, edit, and print photos quickly.
- Easily print, copy, scan, and fax, with a seamless, smartphone-style 6.75-cm (2.65 in) colour touchscreen.
- Dedicated paper trays automatically match print settings to paper type.
- Breeze through tasks, using the 35-page automatic document feeder.

Technical specifications

Functions	Print, Fax, Scan, Copy, Web, Photo
Print technology	HP Thermal Inkjet
Print speed	**Black (A4, ISO):** Up to 15 ppm; **Colour (A4, ISO):** Up to 10 ppm; As fast as 40 sec; **Draft black (A4):** Up to 22 ppm; **Draft colour (A4):** Up to 21 ppm
First page out	**Black (A4, ready):** As fast as 16 sec; **Colour (A4, ready):** As fast as 18 sec;
Print resolution	**Black (best):** Up to 1200 x 1200 rendered dpi (when printing from a computer); **Colour (best):** Up to 4800 x 1200 optimized dpi colour (when printing from a computer on selected HP photo papers and Print in Max dpi);
Monthly duty cycle	Up to 1,000 pages A4; **Recommended monthly page volume:** 300 to 400
Standard print languages	HP PCL 3 GUI
Print area	**Print margins:** Top: 3 mm, Bottom: 3 mm, Left: 3 mm, Right: 3 mm; **Maximum print area:** 209.9 x 349.6 mm
Borderless printing	Yes (up to 216 x 297 mm)
Number of supplies	2: 1 black, 1 Tri-colour (cyan, magenta, yellow)
Multitasking supported	Yes
Memory card compatibility	Secure Digital
Duplex printing	Automatic
Copy speed	**Black (A4, ISO):** Up to 13 cpm; **Colour (A4, ISO):** Up to 5 cpm
Copier specifications	; **Maximum number of copies:** Up to 50 copies; **Copy resolution:** 300 x 300 dpi
Scan file format	RAW, JPG, PDF
Scanner specifications	**Scanner type:** Flatbed; **Scan input modes:** Front panel or HP Solution Center desktop scanning to computer, SD card, thumbdrive or E-mail; **Twain version:** Version 2.1; **Scan size maximum (flatbed):** 216 x 297 mm; **Optical scan resolution:** Up to 1200 dpi
Scannable area	**Maximum media size (flatbed):** 216 x 297 mm; **Maximum media size (ADF):** 216 x 356 mm
Bit depth/ Grey scale levels	256
Digital sending	**Standard:** Scan to USB, scan to SD, scan to e-mail;
Fax	Yes, colour,
Fax specifications	**Fax memory:** Up to 100 pages in black and white; **Fax resolution:** Standard: 208 x 98 dpi; Fine: 208 x 196 dpi;
Processor speed	1.2 GHz
Connectivity	**Standard:** 1 USB 2.0 client and 1 USB host (for thumbdrive); 1 Wi-Fi 802.11b/g/n; 1 Ethernet; 1 RJ-11 (Fax), dual band Wi-Fi 2.4/5Ghz, BLE, SD card slot;
Wireless	Yes, built-in Ethernet, dual band Wi-Fi 802.11b/g/n
Mobile printing capability	Apple AirPrint™; Chrome OS; HP Smart app; Mopria-certified; Wireless direct printing
Network capabilities	Yes, via built-in Ethernet, dual band (2.4/5GHz) wireless 802.11b/g/n
Memory	**Standard:** 256 MB DDR3; **Maximum:**
Number of paper trays	**Standard:** 2 (Main and Photo Trays); **Maximum:** 2 (Main and Photo Trays)
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, Plain Paper, Light/Recycled
Media size	**Custom (metric):** 97.79 x 215 to 127 x 355 mm **Supported (metric):** A4; A5; B5; DL; C6; A6
Input capacity	**Standard:** Up to 125 sheets **Maximum:** Up to 125 sheets **ADF:** Standard, 35 sheets

Output capacity	**Standard:** Up to 25 sheets Envelopes: Up to 5 envelopes Labels: Up to 10 sheets Cards: Up to 25 cards **Maximum:** Up to 25 sheets
Compatible operating systems	Windows 10 (32/64-bit), Windows 8.1 (32/64-bit), Windows 8 (32/64-bit), Windows 7 (32/64-bit), Windows Vista (32/64-bit), Windows XP (32-bit) (Professional and Home Editions); OS X v10.10 Yosemite, OS X v10.11 El Capitan, macOS 10.12 Sierra; Linux: for more information, see http://hplipopensource.com/hplip-web/index.html; Chrome OS
Minimum system requirements	**Windows:** Microsoft® Windows® 10, 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista®: 800 MHz 32-bit (x86) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows Vista x64 has been removed from support on the CD & Web packs. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher. **Mac:** OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, 1 GB available hard disk space, Internet
Software included	HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations
Printer dimensions (W x D x H)	**Minimum:** 454 x 410 x 161 mm; **Maximum:** 454 x 503 x 161 mm;
Package dimensions (W x D x H)	494 x 236 x 488 mm
Printer weight	7.58 kg
Package weight	9.70 kg
Operating environment	**Temperature:** 5 to 40ºC **Humidity:** 20 to 80% RH
Storage conditions	**Temperature:** -40 to 60ºC **Humidity:** 10 to 90% RH (non condensing)
Acoustics	**Acoustic power emissions:** 6.2 B(A) (print monochrome, simplex, normal mode at 9ppm)
Power	**Requirements:** Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Consumption:** 13.95 watts (printing), 3.60 watts (ready), 0.93 watts (sleep), 0.20 watts (off); **Power supply type:** Built-in Universal Power Supply;
Certifications	ENERGY STAR® certified
Country of origin	Made in Thailand
What's in the box	**Y0G50B:** HP ENVY Photo 7830 All-in-One Printer; HP 303 Setup Black Cartridge (~230 pages); HP 303 Setup Tri-colour Cartridge (~145 pages); Ink caution flyer; Power cord; Setup card; Getting started guide; Media pack.
Supplies	**T6N02AE** HP 303 Black Original Ink Cartridge **T6N01AE** HP 303 Tri-color Original Ink Cartridge **T6N04AE** HP 303XL High Yield Black Original Ink Cartridge **T6N03AE** HP 303XL High Yield Tri-color Original Ink Cartridge **Z4B62EE** HP 303 Black/Tri-color Photo Value Pack-40 sht/10 x 15 cm **CHP710** HP All-in-One Printing Paper-500 sht/A4/210 x 297 mm **Q5456A** HP Advanced Glossy Photo Paper-25 sht/A4/210 x 297 mm
Service and Support	**UG187E** HP 3 year Care Pack with Standard Exchange for Multifunction Printers **UG062E** HP 3 year Care Pack with Next Business Day Exchange for Multifunction Printers **UG235E** HP 3 year Care Pack with Return to Depot Support for Multifunction Printers
Warranty	One-year limited hardware warranty; 24-hour, 7 days a week limited phone support; For more info please visit us at http://www.support.hp.com

Footnotes

[1] For details on local printing requirements see http://www.hp.com/go/mobile printing.
[2] Based on HP Instant Ink service 300 page plan (savings for other plans will be lower). Based on use of all pages in plan without purchase of additional sets of pages compared to cost per page (CPP) to print ISO/IEC 24711 pages on market majority of colour inkjet printers less than £200 with original standard capacity cartridges as reported by IDC in Q2 2016. Survey based upon indicative manufacturers' supplies pricing as reported by SPIRE as of September 2016 and page yield listed on manufacturers' website as of September 2016. For further details please refer to hp.com/go/ukcompare. All prices include VAT. ISO yield based on continuous printing in default mode. Actual savings may vary depending on number of pages actually printed per month and content of pages printed. For more information on ISO standards: hp.com/go/pageyield.
[3] Ordered by your printer when needed, subject to customer internet connection. Availability may vary in exceptional circumstances. Express deliveries available via Support Services, if you use more ink than anticipated. See hp.com/go/instantinksupport for troubleshooting assistance and contact support options.
[4] Change or cancel your plan at anytime online. If you decide to cancel your HP Instant Ink plan you can go back to using HP original Standard or XL cartridges. Plan upgrades are effective immediately and the charges will be applied retrospectively or in the next billing cycle, depending on user choice. Plan downgrades and cancellations are effective after the last day of the current billing period. For full details go to instantink.hpconnected.com/uk/en/terms.
[5] Requires the HP Smart app download. Features controlled may vary by mobile device operating system. Full list of supported operating systems and details at http://support.hp.com/us-en/document/c03561640. For details on local printing requirements see http://www.hp.com/go/mobileprinting.
[6] Mobile device needs to support Bluetooth v4.0+ and be enabled. A mobile app such as HP ePrint or HP Smart must be installed and opened for printing. Mobile device must be within 5 feet of the printer. For details, see http://www.hp.com/go/bleprinting. Bluetooth is a trademark owned by its proprietor and used by HP under license.
[7] 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®.

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