



HP ENVY Photo 7830 All-in-One Printer (Y0G50B)

Overview



Create stunning photos, get easy mobile printing, and move through tasks with confidence.[1]

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

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]

A new level of wireless connectivity you can count on

Get simple Wi-Fi® setup in minutes, and start printing fast.[6]

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]

HP's most productive printer for home

Simply insert an SD or USB card, then view, edit, and print photos quickly.



Features

HP 64 Ink Cartridges

HP Smart App



Easy mobile printing from HP^[8]

Print, scan, copy, fax



Save up to 70% on ink^[2]^[2]

[1] For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.

[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 using 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.

[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.

[8] Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to the printer. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. Learn more at hp.com/go/mobileprinting.

[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 using 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.

Specifications

Print quality black (best)	Up to 1200 x 1200 rendered dpi (when printing from a computer)
Print quality color (best)	Up to 4800 x 1200 optimized dpi colour (when printing from a computer on selected HP photo papers and Print in Max dpi)
Print speed black (ISO, A4)	Up to 15 ppm
Print Speed Color (ISO)	Up to 10 ppm
Print speed	Print speed up to 15 ppm (black) and 10 ppm (colour)
Functions	Print, Fax, Scan, Copy, Web, Photo
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 1,000 pages
Energy savings feature technology	HP Auto-Off Technology
Replacement cartridges	T6N02AE HP 303 Black Ink Cartridge (~200 pages); T6N01AE HP 303 Tri-colour Ink Cartridge (~165 pages); T6N04AE HP 303XL Black Ink Cartridge (~600 pages); T6N03AE HP 303XL Tri-colour Ink Cartridge (~415 pages) ^[2]
Supplies feature	HP Instant Ink eligible
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
Network capabilities	Yes, via built-in Ethernet, dual band (2.4/5GHz) wireless 802.11b/g/n
Wireless capability	Yes, built-in Ethernet, dual band Wi-Fi 802.11b/g/n
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing
Network protocols, supported	IPv4, IPv6, Bonjour, Custom Raw Port/Port9100, mDNS, Embedded Web Server, Wireless Network Supported, SLP, WS-Print, Wireless b/g/n, WEP/WPA (AES), SNMP, Internet Printing Protocol, Bluetooth LE
Software included	HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations
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).
ENERGY STAR® certified	Yes
Digital sending standard features	Scan to USB, scan to SD, scan to e-mail
Fax Resolution Black (best)	Up to 300 x 311 dpi
Faxing	Yes, colour
Scan file format	RAW, JPG, PDF
Scan input modes	Front panel or HP Solution Center desktop scanning to computer, SD card, thumbdrive or E-mail
Scan technology	CIS

Scanner type	Flatbed
Display	6.75 cm (2.65 in) Capacitive touchscreen colour graphics
Minimum dimensions (W x D x H)	454 x 193 x 491 mm
Weight	7.58 kg
Power consumption	13.95 watts (printing), 3.60 watts (ready), 0.93 watts (sleep), 0.20 watts (off) ^[1]
Power supply type	Built-in Universal Power Supply
What's in the box	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.
Services (Care Pack)	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

Additional specifications

Acoustic power emissions	6.2 B(A) (print monochrome, simplex, normal mode at 9ppm)
Acoustic power emissions (active copy)	6.5 B(A) (copy monochrome, simplex, normal mode at 9ppm)
Acoustic pressure emissions	57 dB(A) (Print monochrome, simplex , normal mode A4 at 10ppm)
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	http://www.hp.com/uk
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 35 sheets
Automatic paper sensor	Yes
Borderless printing	Yes (up to 216 x 297 mm)
Bottom margin (A4)	3 mm
Cable included	No, please purchase USB cable separately
Camera phone supported	No
Color copy capability	Yes
Color scanning	Yes
Compatible Network 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).
Copies, maximum	Up to 50 copies
Copy Speed Black (maximum, A4)	Up to 21 cpm
Copy Speed Color (maximum, A4)	Up to 19 cpm
Copy resolution (black graphics)	300 x 300 dpi
Copy resolution (black text)	300 x 300 dpi
Copy resolution (color text and graphics)	600 x 600 dpi
Copy speed black (ISO)	Up to 13 cpm
Copy speed color (ISO)	Up to 5 cpm
Copy speed note	Speed specifications have been updated to reflect current industry testing methods.
Country of origin	Made in Thailand
Datasheet publication number	4AA7-0612
Dimensions with trays up (W x D x H)	454 x 193 x 491 mm

Distinctive ring detection supported	Yes
Duty cycle note	Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
Enhanced scanning resolution	Up to 1200 dpi
Envelope Feeder	No
Fax Auto Redial	Yes
Fax Broadcast Locations	20
Fax PC Interface Supported	Yes, PC send and PC archive
Fax Polling	No
Fax Remote Retrieval	No
Fax Speed Dials, Maximum Number	Up to 120 numbers
Fax Transmission Speed	33.6 kbps (fast), 14.4 kbps (medium), and 9.6 kbps (slow)
Fax delayed sending	Yes (black only)
Fax forwarding	Yes
Fax memory	Up to 100 pages in black and white
Fax phone TAM interface supported	Yes
Fax phone features	Handset not available
Fax resolution black	208 x 196 dpi
Fax resolution color (fine)	200 x 208 dpi
Fax resolution color (standard)	200 x 208 dpi
Fax telephone mode supported	Yes
Faxing options (ADF)	Single-sided
File Format Supported	PDF; BMP; PNG; TIF; JPG
Finished output handling	Sheetfed
First page out black (A4, ready)	As fast as 16 sec
First page out color (A4, ready)	As fast as 18 sec
Image scaling or enlargement range	25 to 400%
Ink types	Dye-based (colour); Pigment-based (black)
Input capacity	Up to 125 sheets
Instant ink	Yes
Junk fax barrier	Yes, requires Caller ID
Left margin (A4)	3 mm

Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 5 envelopes
Maximum dimensions (W x D x H)	454 x 193 x 491 mm
Maximum input capacity (10x15cm photos)	Up to 15 sheets
Maximum input capacity (4x6 photo)	Up to 15 sheets
Maximum input capacity (cards)	Up to 40 cards
Maximum input capacity (labels)	Up to 40 sheets
Maximum input capacity (photo paper)	Up to 55 sheets
Maximum input capacity (sheets)	Up to 125 sheets
Maximum input capacity (transparencies)	Up to 40 sheets
Maximum output capacity (cards)	Up to 25 cards
Maximum output capacity (envelopes)	Up to 5 envelopes
Maximum output capacity (photo paper)	Up to 10 sheets
Maximum output capacity (sheets)	Up to 25 sheets
Maximum output capacity (transparencies)	Up to 25 sheets
Maximum print area	209.9 x 349.6 mm
Media sizes supported	A4; A5; B5; DL; C6; A6
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	97.79 x 215 to 127 x 355 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, Plain Paper, Light/Recycled
Media weight, recommended	70 to 90 g/m ²
Media weight, supported	Tray 1: A4: 75 to 90 g/m ² ; HP Envelopes: 75 to 90 g/m ² ; HP Photo Paper: up to 300 g/m ² ; HP 10 x 15 cm Photo Paper: up to 300 g/m ²
Memory	256 MB DDR3
Memory card compatibility	Secure Digital

Minimum System Requirements

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.

Minimum System Requirements for Macintosh	OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, 1 GB available hard disk space, Internet
Multitasking supported	Yes
Non-Operating Humidity Range	10 to 90% RH (non condensing)
Number of print cartridges	2: 1 black, 1 Tri-colour (cyan, magenta, yellow)
Number of users	1-3 Users
Operating humidity range	15 to 80% RH (non-condensing)
Operating temperature range	5 to 40°C
Orderable supplies	HP 303 Black Ink Cartridge T6N02AE, HP 303 Tri-color Ink Cartridge T6N01AE, HP 303XL Black Ink Cartridge T6N04AE, HP 303XL Tri-color Ink Cartridge T6N03AE
Output capacity	Up to 25 sheets
Package dimensions (W x D x H)	494 x 236 x 488 mm
Package weight	9.70 kg
Paper trays, maximum	2 (Main and Photo Trays)
Paper trays, standard	2 (Main and Photo Trays)
Photo proofsheets supported	No
PictBridge supported	No
Plug and play	Auto Wireless Connect
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 Monochrome/Black; 2052 Colour/CYM (684 per colour slot)
Print languages	HP PCL 3 GUI
Print speed black (ISO)	Up to 15 ppm
Print speed black (draft, A4)	Up to 22 ppm
Print speed color (ISO)	Up to 10 ppm
Print speed color (draft, A4)	Up to 21 ppm

Print speed color (normal, 10x15 photo)	As fast as 40 sec
Print technology	HP Thermal Inkjet
Printer drivers included	HP PCL 3 GUI
Processor speed	1.2 GHz
Recommended Macintosh system requirements	OS X v10.10 Yosemite, OS X v10.11 El Capitan, macOS 10.12 Sierra; 1 GB available hard disk space; CD-ROM/DVD or Internet; USB
Recommended monthly page volume	300 to 400
Recommended monthly page volume note	HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement
Recommended operating humidity range	20 to 80% RH
Recommended operating temperature range	15 to 32°C
Resolution (black and white, standard mode)	208 x 98 dpi
Resolution (black photo grayscale)	208 x 196 dpi (8-bit greyscale)
Right margin (A4)	3 mm
Scan resolution, hardware	Up to 1200 dpi
Scan resolution, optical	Up to 1200 dpi
Scan size (ADF), maximum	216 x 356 mm
Scan size, maximum	216 x 297 mm
Scanning options (ADF)	Single-Sided
Send to email capability	Yes
Standard input capacity (cards)	Up to 40 cards
Standard input capacity (envelopes)	Up to 5 envelopes
Standard input capacity (secondary tray)	Up to 15 sheets
Standard input capacity (transparencies)	Up to 40 sheets
Standard media sizes (duplex)	A4 (210 x 297 mm); A5 (148 x 210 mm); B5 (176 x 250 mm); All media lengths between 140 mm and 309 mm
Standard output capacity (cards)	Up to 25 cards
Standard output capacity (envelopes)	Up to 5 envelopes
Standard output capacity (labels)	Up to 10 sheets
Standard output capacity (legal)	Up to 10 sheets

Standard output capacity (transparencies)	Up to 25 sheets
Storage temperature range	-40 to 60°C
Sub-brand name	ENVY
System requirements, recommended	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 (32-bit only): 800 MHz (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, Internet Explorer 8.
Target user and print volume	For teams up to 3 users; Prints up to 400 pages/month
Telephone handset supported	No
Top margin (A4)	3 mm
Transparency adapter	Not Supported
Transparent materials adapter (supported)	Not Supported
Twain version	Version 2.1
USB input for firmware update and play multimedia files.	8443310000
Vertical alignment accuracy	+/- 0.0508 mm
Video action printing supported	No

[1] 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.

[2] Approximate yield. Actual yield depends on printer and specific use. See <http://www.hp.com/go/pageyield> for more information

Ink Supplies

HP Inkjet Printer Cartridges and Ink Supplies

HP 303XL High Yield Black Original Ink Cartridge	T6N04AE
HP 303 Black Original Ink Cartridge	T6N02AE
HP 303 Tri-color Original Ink Cartridge	T6N01AE
HP 303XL High Yield Tri-color Original Ink Cartridge	T6N03AE
HP 303XL High Yield Black Original Ink Cartridge	T6N04AE
HP 303XL High Yield Tri-color Original Ink Cartridge	T6N03AE

HP Photo Packs

HP 303 Black/Tri-color Photo Value Pack-40 sht/10 x 15 cm	Z4B62EE
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HP Paper Designed for Inkjet Printers

HP Inkjet Photo Paper

HP Social Media Snapshots Removable Sticky Photo Paper-25 sht/10 x 13 cm	W2G60A
HP Advanced Glossy Photo Paper-60 sht/10 x 15 cm borderless	Q8008A
HP Advanced Glossy Photo Paper-25 sht/A4/210 x 297 mm	Q5456A
HP Premium Plus Glossy Photo Paper-50 sht/10 x 15 cm	CR695A
HP Advanced Glossy Photo Paper-100 sht/10 x 15 cm borderless	Q8692A

HP Paper for Multiple Uses

HP Multi-use Everyday Paper

HP All-in-One Printing Paper-500 sht/A4/210 x 297 mm	CHP710
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Services

HP Care Pack Services

Imaging and Printing Consumer Care Pack Services

HP 3 year Care Pack w/Standard Exchange for Multifunction Printers	UG187E
HP 3 year Care Pack w/Next Day Exchange for Multifunction Printers	UG062E
HP 2 year Care Pack w/Standard Exchange for Multifunction Printers	UG211E
HP 3 year Care Pack w/Next Day Exchange for Multifunction Printers	UG062E
HP 1 year Care Pack w/Next Day Exchange for Multifunction Printers	UG124E
HP 3 year Care Pack w/Standard Exchange for Multifunction Printers	UG187E

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