HP DeskJet 4230e All-in-One Printer (60K30B)

Overview

The leader for simple, stress-free printing.[1]

Effortlessly print, scan, and copy with this compact, wireless printer with an automatic document feeder, paired with the easiest-to-use print app. From labels to recipes, enjoy a seamless experience from the World's #1 Printer Company.[2,3]

Easily scan and copy multiple pages

Easily scan and copy multiple pages with the 35-page automatic document feeder.

Save up to 70% on ink and never run out[5,6]

With an Instant Ink subscription, you can get ink delivered directly to your door before you run out.[6]

Stay connected with our most reliable Wi-Fi®[4]

Be always ready to print with our most reliable Wi-Fi® that automatically reconnects if connection is lost.[4]

Driving innovation with 60% recycled plastic[9]

Choose printers made with at least 60% recycled plastic.[9]

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[1] Based on 2023 CYQ1 shipments in the IDC Worldwide Quarterly Hardcopy Peripherals Tracker®, 2023 CYQ1 Release. Includes shipments of all HP Deskjet in-class printers.

[2] Compared to OEM printing apps for the majority of top-selling, network-capable inkjet/laser printers and all-in-ones for the home and office, priced ≤$450 USD. Printers selected by market share as reported by IDC Quarterly Hardcopy Peripherals Tracker – Final Historical CYQ1 2023. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study commissioned by HP, July 2023. For details, please see: keypointintelligence.com/HPSmartapp . Requires HP app download available at www.hp.com/go/mobileprinting. Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at www.hpsmart.com .

[3] Based on 2022 Q4 shipments in the IDC Worldwide Quarterly Hardcopy Peripherals Tracker®, 2022 Q4 Release. Includes shipments of all printing devices (inkjet printers, laser printers, copiers and multifunction devices, including production units).

Specifications

Print quality black (best)	Up to 1200X 1200 rendered dpi (when Printing from a computer)
Print quality color (best)	Up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and 1200 input dpi)
Print speed black (ISO, A4)	Up to 8.5 ppm
Print Speed Color (ISO)	Up to 5.5 ppm
Print speed	Print speed up to 8.5 ppm (black) and 5.5 ppm (color)
Functions	Print, copy, scan
Duplex printing	Manual (driver support provided)
Duty cycle (monthly, A4)	Up to 1000 pages
Duty cycle (monthly, letter)	Up to 1000 pages
Fax smart software features	Option to add files from your phone file/photos, Camera scan or Printer scanner, Option to easily add cover page and save the cover page template, Access to Fax history to see all send faxes and drafts, Ability to edit and resent fax from History, Easily print fax confirmation
Replacement cartridges	HP 305 Black Original Ink Cartridge (~120 pages yield) 3YM61AE; HP 305XL Black High-Yield Original Ink Cartridge (~240 pages yield) 3YM62AE; HP 305 Tri-Color Original Ink Cartridge (~100 pages yield) 3YM60AE; HP 305XL Tri-Color High-Yield Original Ink Cartridge (~200 pages yield) 3YM63AE. Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies[4]
Supplies feature	HP Instant Ink eligible
Connectivity, standard	1 Wi-Fi 802.11b/g/n; 1 Hi-Speed USB 2.0 (device)
Network capabilities	Yes, built-in Wi-Fi 802.11b/g/n, 2.4 GHz single-band only, with Bluetooth® 4.2
Wireless capability	Yes, built-in Wi-Fi 802.11b/g/n, 2.4 GHz single-band only
Mobile printing capability	Apple AirPrint™; Chrome OS; Mopria-certified; HP app
Software included	HP Printer Software, available online
Compatible Operating Systems	Windows 11; Windows 10; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; Chrome OS
Sustainable impact specifications	60% post-consumer recycled plastic
Ecolabels	IT ECO Declaration
Digital sending standard features	No
Scan speed (normal, A4)	Up to 2.5 ipm (200ppi, b&w); up to 2.5 ipm (200ppi, color)
Scan speed (normal, letter)	Up to 2.5 ipm (200ppi, b&w); up to 2.5 ipm (200ppi, color)
Scan file format	JPEG, TIFF, PDF, BMP, PNG
Scan input modes	HP Smart App, Webscan
Scan technology	Contact Image Sensor (CIS)

Scanner type	Flatbed, ADF
Display	LCD ICON Display
Minimum dimensions (W x D x H)	428 x 332 x 200 mm *(Dimensions vary as per configuration)*
Minimum dimensions (W x D x H)	16.85 x 13.07 x 7.87 in
Weight	4.82 kg *(Weight varies as per configuration)*
Weight	10.6 lb *(Weight varies as per configuration)*
Power consumption	2.8 W (ready), 1.53 W (sleep), 0.3 W (auto-off), 0.3 W (off).[2] *(Power requirements and consumption 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.)*
Power supply type	Internal
What's in the box	HP DeskJet 4230e All-in-One Printer; HP 305 Setup Black Cartridge; HP 305 Setup Tri-Color Cartridge; Regulatory flyer; Setup guide; Reference guide; Power cord [For ink volume and page yield information, visit http://hp.com/go/learnaboutsupplies][8]
Manufacturer Warranty	One-Year limited hardware warranty with option to extend to two-years with acceptance of HP+ Offer. For more info please visit us at http://support.hp.com .For full terms and conditions visit: www.hp.com/go/orderdocuments. Warranty and support options vary by product, country, and local legal requirements

Additional specifications

Accessories	None
Acoustic power emissions (active copy)	6.2 B(A)
Acoustic power emissions (active, printing)	6.2 B(A)
Acoustic pressure emissions	55 dB(A)
Automatic document feeder capacity	Standard, 35 sheets
Automatic paper sensor	No
Bit depth	24-bit
Borderless printing	No
Bottom margin (A4)	12.7 mm
Cable included	No, please purchase (USB) cable separately
Camera phone supported	No
Cartons per layer	10
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; Windows 10; macOS 10.14 Mojave; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; Chrome OS
Compliance alliances	None
Control panel	LCD ICON Display. 7 Buttons (includes Power, Cancel, Resume, Info, WiFi, Color Copy and Black Copy) and with 5 LED indicator lights (Power, Ink level, WiFi, Resume & Info)
Copies, maximum	Up to 9 copies
Copy reduce / enlarge settings	Via HP app
Copy resolution (black graphics)	Up to 300 x 300 dpi
Copy resolution (black text)	Up to 300 x 300 dpi
Copy resolution (color text and graphics)	Up to 300 x 300 dpi
Copy speed black (ISO)	Up to 6 cpm
Copy speed color (ISO)	Up to 3 cpm
Copy speed note	Speed specifications have been updated to reflect current industry testing methods.
Count of layers in pallet	5

Country of origin	Made in China
Dimensions with trays up (W x D x H)	428 x 445.6 x 261 mm
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	EN 55032:2015+A11:2020 CLASS B, IEC 61000-4-2:2008,EC 61000-4-2:2008, IEC 61000-4-3:2020,IEC 61000-4-4:2012, IEC 61000-4-5:2014+A1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11:2004+A1:2017, EN 301 489-1 V2.2.3,EN 301 489-17 V3.2.4, FCC CFR 47 PART 15, ICES-003, ISSUE 7
Envelope Feeder	No
Fax Remote Retrieval	Yes (with HP app using mobile device)
Finished output handling	Sheetfed
First page out black (A4, ready)	As fast as 15 sec
First page out color (A4, ready)	As fast as 19 sec
Geographic availability	EU
Ink types	Dye-based (color); Pigment-based (black)
Input capacity	Up to 60 sheets
Instant ink	HP Instant Ink eligible
Internal Storage	No
Junk fax barrier	No
Left margin (A4)	3 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 5 envelopes
Maximum Memory	64 MB DDR1; 24 MB Flash
Maximum dimensions (W x D x H)	428 x 579 x 261 mm (Output Extension Fully Out)
Maximum dimensions (W x D x H)	16.8 x 22.8 x 10.3 in (Output Extension Fully Out)
Maximum input capacity (10x15cm photos)	Up to 20 sheets
Maximum input capacity (4x6 photo)	Up to 20 sheets
Maximum input capacity (cards)	Up to 20 cards
Maximum input capacity (labels)	Up to 10 sheets
Maximum input capacity (photo paper)	Up to 20 sheets
Maximum input capacity (sheets)	Up to 60 sheets
Maximum output capacity (cards)	Up to 20 cards
Maximum output capacity (envelopes)	Up to 5 envelopes

Maximum output capacity (labels)	Up to 10 sheets
Maximum output capacity (photo paper)	Up to 20 sheets
Maximum output capacity (sheets)	Up to 25 sheets
Maximum print area	209.9 x 349.6 mm
Media sizes supported	Letter; legal; 4 x 6 in; 5 x 7 in; 8 x 10 in; No. 10 envelopes
Media sizes supported	A4; B5; A6; DL envelope
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	76 x 127 to 215 x 355 mm
Media sizes, custom	3 x 5 to 8.5 x 14 in
Media types	Plain paper, photo paper, brochure paper, envelopes and other specialty inkjet papers
Media weight, recommended	75 g/m²
Media weight, recommended	20 lb
Media weight, supported	Letter: 16 to 32 lb; HP envelopes: 20 to 24 lb; HP cards: up to 110 lb; HP 4 x 6 inch photo paper: up to 145 lb
Media weight, supported	A4: 60 to 90 g/m²; HP envelopes: 75 to 90 g/m²; HP cards: up to 200 g/m²; HP 10 x 15 cm photo paper: up to 300 g/m²
Memory	64 MB DDR1
Memory Slots	None
Minimum System Requirements	Windows 10, 11, : 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet connection, Internet Explorer.
Minimum System Requirements for Macintosh	macOS V10.14 Mojave, macOS 10.15 Catalina, macOS 11 Big Sur, macOS 12 Monterey, macOS 13 Ventura; 2 GB HD; Internet required
Multitasking supported	No
Non-Operating Humidity Range	5 to 90% RH (non-condensing)
Number of print cartridges	2 (1 each black, tri-color)
Number of users	1-3 Users
Operating altitude	Up to 10,000 ft
Operating altitude	Up to 3,000 m
Operating humidity range	15 to 80% RH (non-condensing)
Operating temperature range	5 to 40℃
Operating temperature range	41 to 104°F
Orderable supplies	HP 305 Black Original Ink Cartridge 3YM61A; HP 305XL Black High-Yield Original Ink Cartridge 3YM62A; HP 305 Tri-Color Original Ink Cartridge 3YM60A; HP 305XL Tri-Color High-Yield Original Ink Cartridge 3YM63A
Output capacity	Up to 25 sheets
Package dimensions (W x D x H)	475 x 242 x 405 mm

Package dimensions (W x D x H)	18.7 x 9.53 x 15.94 in
Package weight	6.19 kg
Package weight	13.65 lb
Page yield (set-up/inbox cartridges)	~100 pages black, ~65 pages tri-color
Pallet dimensions	NA/EMEA/LA: 48 x 40 x 85.12in; AP: 48 x 40 x 85.12 in
Pallet dimensions (W x D x H)	NA/EMEA/LA: 1200 x 1016 x 2162 mm; AP: 1219.2 x 1016 x 2162 mm
Pallet weight	331 kg
Pallet weight	728 lb
Paper handling input, optional	Not Applicable
Paper handling input, standard	60-sheet input tray
Paper handling output, optional	Not Applicable
Paper handling output, standard	25-sheet output tray
Paper trays, maximum	1
Paper trays, standard	1
Photo proofsheets supported	No
PictBridge supported	No
Power	Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 350 mA. India input voltage: 200 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 350 mA.
Print Technology	Ink
Print colors	Yes
Print colors maximum	4
Print head nozzles	328 (black), 588 (color)
Print heads	2 (1 each black, tri-color)
Print languages	HP PCL 3 GUI; HP PCLm (HP Apps/UPD); URF (AirPrint)
Print speed black (ISO)	Up to 8.5 ppm
Print speed black (draft, A4)	Up to 20 ppm
Print speed color (ISO)	Up to 5.5 ppm
Print speed color (draft, A4)	Up to 16 ppm
Print speed color (normal, 4x6 photo)	As fast as 65 sec
Print technology	HP Thermal Inkjet
Printer drivers included	HP PCL 3 GUI
Processor speed	1.0 GHz
Product color	Moroccan Blue

Product logos	High speed USB; Works with Windows 10; Windows 7; Mac Smiley; Mac Universal; Chromebook Certified; Mopria; Wi-Fi certified; Bluetooth; Airprint; ColorLock; Instant Ink; Energy Star (For countries that apply); Recycle; Fragile; Keep out of rain; This side up; PAP20; HP Total Care; Smart Way (for countries that apply); Stack height (NA:6, EMEA 5, AP 5); CE (for countries that apply); Green Dot (for countries that apply); French TriMan (for countries that apply); EAC Logo (for countries that apply); KCCC Logo + approval number (Korea); AP Language bubble (AP only); RMN (regulatory model number); Regionalize mobius loop
Product name (back)	HP DeskJet 4230e All-in-One Printer
Product name (front)	HP DeskJet 4230e All-in-One Printer
Product name (primary)	HP DeskJet 4230e All-in-One Printer
Product name (secondary)	HP DeskJet 4230e All-in-One Printer
Product short name specifications	HP DeskJet 4230e All-in-One Printer, Color, Printer for Home, Print, copy, scan, HP+; HP Instant Ink eligible; Scan to PDF
Quantity per pallet	50
RMN number	VCVRA-2201-02
Recommended Macintosh system requirements	macOS V10.14 Mojave, macOS 10.15 Catalina, macOS 11 Big Sur, macOS 12 Monterey, macOS 13 Ventura; 2 GB HD; Internet required
Recommended monthly page volume	100 to 300
Recommended monthly scan volume note	HP recommends that the number of scanned pages per month be within the stated range for optimum device performance
Recommended operating humidity range	20 to 80% RH (non-condensing)
Recommended operating temperature range	15 to 30°C
Recommended operating temperature range	59 to 86°F
Right margin (A4)	3 mm
Safety	IEC 60950-1:2005 +A1:2009 +A2:2013, IEC 62368-1:2014, IEC 62368-1:2018, EN IEC 62368-1:2020 +A11:2020, EN 62311:2008, EN 50663:2017, EN 50665:2017
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	215.9 x 355.6 mm
Scan size, maximum	8.5 x 11.69 in
Scan size, maximum	216 x 297 mm
Scan speed duplex (normal, A4)	No
Scan speed duplex (normal, letter)	No
Scanning options (ADF)	Single-sided
Segment (filter)	Home

Send to email capability	No
Service & support options	With services, software, solutions and support from HP, you can use, protect and enjoy your HP technology. Free technical support during warranty period. Access to world-class support services through http://www.hp.com/support.
Standard input capacity (cards)	Up to 20 cards
Standard input capacity (envelopes)	Up to 5
Standard input capacity (legal)	Up to 60 sheets
Standard media sizes (duplex)	Not Applicable
Standard media sizes (duplex, imperial)	Not Applicable
Standard output capacity (cards)	Up to 20 cards
Standard output capacity (envelopes)	Up to 5 envelopes
Standard output capacity (labels)	Up to 10 sheets
Standard output capacity (legal)	Up to 25 sheets
Storage altitude	15,000 ft
Storage altitude	4500 m
Storage device and direct print support	Storage devices not supported
Storage temperature range	-40 to 60℃
Storage temperature range	-40 to 140°F
Sub-brand name	Deskjet
System requirements, recommended	Windows 10, 11, : 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet connection, Internet Explorer.
Target user and print volume	For teams up to 3 users
Tariff numbers	8443310000
Top key features	HP+; HP Instant Ink eligible; Scan to PDF
Top margin (A4)	3 mm
Twain version	Version 2.4
UNSPSC code	43212104
UPC number	(629) 196337820821; (686) 196337820845; (687) 196337820869
Vertical alignment accuracy	+/- 0.00167 in
Vertical alignment accuracy	+/- 0.042 mm
Video action printing supported	No
Wireless technologies	802.11b/g/n

[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.

[4] 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

[8] For more information about page yields for replacement cartridges see http://hp.com/go/learnaboutsupplies for setup cartridges click on Setup supplies link on the same page.

Ink/Toner/Paper/Printer Supplies

Ink Supplies

HP Inkjet Printer Cartridges and Ink Supplies

HP 305 Black Original Ink Cartridge	3YM61AE
HP 305 Tri-color Original Ink Cartridge	3YM60AE
HP 305XL High Yield Black Original Ink Cartridge	3YM62AE
HP 305XL High Yield Tri-color Original Ink Cartridge	3YM63AE
HP 67 Black Original Ink Cartridge	3YM56AA
HP 67 Black Original Ink Cartridge	3YM56AN
HP 67 Tri-color Original Ink Cartridge	3YM55AA
HP 67 Tri-color Original Ink Cartridge	3YM55AN
HP 67XL High Yield Black Original Ink Cartridge	3YM57AA
HP 67XL High Yield Black Original Ink Cartridge	3YM57AN
HP 67XL High Yield Tri-color Original Ink Cartridge	3YM58AA
HP 67XL High Yield Tri-color Original Ink Cartridge	3YM58AN
HP 805 Black Original Ink Cartridge	3YM73AA
HP 805 Tri-color Original Ink Cartridge	3YM72AA
HP 805XL High Yield Black Original Ink Cartridge	3YM71AA
HP 805XL High Yield Tri-color Original Ink Cartridge	3YM70AA

HP Business Papers

HP Business Papers for inkjet

HP Enhanced Business Paper, Matte, 40 lb, 8.5 x 11 in (216 x 279 mm), 150 sheets	9ZE20A

HP Photo Papers

HP Photo Papers for inkjet

HP Matte Photo Paper, 180 g/m2, 10 x 15 cm (101 x 152 mm), 25 sheets	7HF70A
HP Matte Photo Paper, 48 lb, 4 x 6 in. (101 x 152 mm), 25 sheets	6QH46A

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