

Datasheet

HP OfficeJet 3830 All-in-One Printer



Get more done with the easiest way to print from your smartphone or tablet.¹ Simplify tasks—and save up to 50% on ink²—with this affordable, easy-to-use all-in-one with fax. It fits in nearly any space and works quietly in the background.



ISO speeds: Up to 8.5 ppm black; Up to 6 ppm color
Scan resolution: Up to 1200 x 1200 dpi (hardware); Up to 1200 dpi (optical)
Copy resolution: Up to 600 x 300 dpi black (text and graphics); Up to 600 x 300 dpi color (text and graphics)
Standard connectivity: 1 Hi-Speed USB 2.0
Paper handling: 60-sheet input tray; 25-sheet output tray
Duty cycle: Up to 1000 pages

Affordable at-home printing with HP Instant Ink

- Save up to 50% on ink ordered by your printer and delivered to your door.^{2,10}
- Full of value—print up to twice as many pages with Original HP high-yield ink cartridges.⁷
- Get high-quality prints—time after time—with an all-in-one designed and built to be reliable.
- Print photos and documents for the same low price with HP Instant Ink.

Easy mobile printing

- Save up to 50% on Original HP ink²—ordered by your printer, delivered to your door—and never run out.^{6,10}
- Connect your smartphone or tablet directly to your printer—and easily print without accessing a network.⁴
- Manage printing tasks and scan on the go with the free HP All-in-One Printer Remote mobile app.⁵
- Easily print from a variety of smartphones and tablets.¹ Your pages come out great—even if you're not there.

Everything you need—right away

- Take charge of your tasks and finish in less time with the easy-to-use 2.2-inch (5.5 cm) display.
- Quickly fax, scan, and copy multipage documents with the 35-page automatic document feeder.
- Access coloring pages, recipes, coupons, and more with free HP Printables—delivered on your schedule.⁸
- No need to wait—start printing right away with easy setup. Automatically connect to your wireless network.⁹

Designed to fit your life

- Save your space with a compact all-in-one designed to fit on your desk, on a shelf, or anywhere you need it.
- Print in any room you choose—without causing disruptions. Optional quiet mode helps keep noise to a minimum.



¹ In comparison to the majority of consumer/home office inkjet all-in-one printers <\$399 USD as of November 2014, based on market share as reported by IDC as of Q3 2014, and typical time to set up and/or presence of preloaded plug-in. App download required for printer setup. 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. See hp.com/go/mobileprinting for more details. ² Savings claim is based on HP Instant Ink Service plan price for 12 months using all pages in plan without purchase of additional pages compared with the cost per page ("CPP") of the majority of color inkjet printers <\$399 USD, market share reported by IDC Q2 2014. CPP comparisons for standard capacity inkjet supplies are based on estimated street price and page yield as reported by Gap Intelligence MFP Weekly and IJP Weekly Reports 9/20/2014. Actual savings may vary depending on number of pages actually printed per month and content of pages printed. ³ Requires HP All-in-One Printer Remote mobile app download and is compatible with iPhone® 4 and later, iPad® 4th generation, iPad mini™, iPad Air®, iPod®, and mobile devices using Android™ 4.0.3 or later. Printer and mobile device must be on the same local wireless network with Internet access. Wireless performance is dependent on physical environment and distance from access point. For a full list of supported operating systems, see hp.com/go/mobileprinting. ⁴ Mobile device needs to be connected directly to the Wi-Fi signal of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the wireless access point in the printer. For details, see hp.com/go/mobileprinting. ⁵ Mobile device requires wireless access point and an Internet connection. Compatible with iPhone® 4 and later, iPad® 4th generation, iPad mini™, iPad Air®, iPod® 5G using iOS 7 or later, and mobile devices using Android™ 4.0.3 or later. Features controlled may vary by mobile device operating system. Scan/copy control requires mobile device and printer be on the same wireless network or through wireless direct connection to printer. For mobile scanning, device camera requires 5 megapixels or greater with autofocus capability. ⁶ Based on plan usage, Internet connection to an eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area. Enrollment in HP Instant Ink plan required. No annual fee. Cancel anytime. ⁷ Based on HP 63XL High Yield Black Original Ink Cartridges. High-yield ink cartridges not included; purchase separately. For more information, see hp.com/go/learnaboutsupplies. Less cost per page compared with estimated street price and published page yield of standard-yield HP 63 Original Ink Cartridges. Actual pricing may vary. ⁸ Requires a wireless access point and an Internet connection to the printer. Services require registration. HP Printable availability varies by country, language, and agreements, and may require a firmware upgrade. Not all HP Printables can be set up for automatic delivery and not for all printer models. For details, visit hp.com/go/hpconnected/help/printables. ⁹ HP Auto Wireless Connect may not be available for all system configurations. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. For information on compatibility, visit hp.com/go/autowirelessconnect. ¹⁰ Based on Internet connection to an eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.

HP OfficeJet 3830 All-in-One Printer Specifications Table

Functions / Multitasking Supported	Print, copy, scan, wireless, fax/ No
Print Speed³	Black (ISO): Up to 8.5 ppm; Color (ISO): Up to 6 ppm First Page Out Black: As fast as 14 sec; First Page Out Color: As fast as 17 sec; Black (Draft): Up to 20 ppm; Color (Draft): Up to 16 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 on selected HP photo papers and 1200 input dpi)
Print Technology	HP Thermal Inkjet
Print Cartridges Number	2 (1 black, 1 Tri-color)
Borderless Printing	Yes
Standard Print languages	HP PCL 3 GUI; PCLm (HP Apps/UPD); URF (AirPrint)
Printer Smart Software Features	Manual Duplex
Scan Type / Technology	Flatbed, ADF/ Contact Image Sensor (CIS)
Scan Resolution	Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi
Scan File Format	pdf, bmp, jpg, gif, tif, tif, png
Scan Input Modes	Front-panel scan, copy, fax
Scan Size Maximum	Flatbed: 8.5 x 11.69 in
Bit Depth / Grayscale levels	24-bit/ 256
Digital Sending Standard Features	Scan to PC
Copy Speed	Black (ISO): Up to 7 cpm; Color (ISO): Up to 3.5 cpm
Copy Resolution	Black (text and graphics): Up to 600 x 300 dpi; Up to 600 x 300 dpi; Color (text and graphics): Up to 600 x 300 dpi
Maximum Number Of Copies	Up to 50 copies
Copier Resize	25 to 400%
Copier Settings	Fit to page/actual/Custom
Fax Speed	Up to: 33.6 kbps; Letter: 4 secs per page
Fax Resolution	Black (best): Up to 300 x 300 dpi; Color (best): Photo - 203 x 196 (8-bit grayscale); Black (standard): Standard - 203 x 98; Color (standard): 200 x 200
Fax Features⁵	Fax Memory: Up to 99 pages (black and white), based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.; Auto-Redialing: Yes; Fax Delayed Sending: Yes; Distinctive Ring Detection Supported: Yes; Fax Forwarding Supported: Yes; Junk Barrier Supported: Yes; PC Interface Supported: Yes; Telephone Handset Supported: Yes
Standard Connectivity	1 Hi-Speed USB 2.0
Network Capabilities	Via built-in WiFi 802.11b/g/n
Network Ready	Standard (built-in WiFi 802.11b/g/n)
Wireless Capability	Yes
Mobile Printing Capability²	Features wireless direct and local Wi-Fi connectivity to enable mobile printing via Apple AirPrint™ as well as other solutions. Supports printing from most smartphones and tablets using these operating systems: Android, iOS, Blackberry, Symbian, Windows 8, Windows RT and Windows 10 Mobile.
Memory	Maximum: 512Mb DDR1, 128M flash
Processor Speed	180 MHz
Duty Cycle	Monthly, letter: Up to 1000 pages
Recommended Monthly Page Volume	100 to 250
Media Types Supported	Plain paper, photo paper, brochure paper, envelopes and other specialty inkjet papers

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 Sizes Supported	Letter; legal; 4 x 6 in; 5 x 7 in; 8 x 10 in; No. 10 envelopes
Media Sizes Custom	3 x 5 to 8.5 x 14 in
Paper Handling	60-sheet input tray; 25-sheet output tray; Duplex Options: Manual (driver support provided); Auto Document Feeder Capacity: Standard, 35 sheets; Envelope Feeder: No; Standard Paper Trays: 1: Input Capacities: Up to 60 sheets standard; Up to 5 envelopes; Up to 20 sheets; Up to 10 sheets labels; Up to 60 sheets legal; Output Capacities: Up to 25 sheets standard; Up to 5 envelopes; Up to 20 cards; Up to 10 sheets labels; Up to 25 sheets legal
What's in the box	K7V40A HP OfficeJet 3830 All-in-One Printer; HP 63 Setup Black Instant Ink Ready Cartridge (~190 pages); HP 63 Setup Tri-color Instant Ink Ready Cartridge (~100 pages); Software CD; Setup Poster; Power cord; Phone cord.
Replacement Cartridges	HP 63 Black Ink Cartridge (~190 pages); HP 63 Tri-color Ink Cartridge (~165 pages); HP 63XL Black Ink Cartridge (~480 pages); HP 63XL Tri-color Ink Cartridge (~330 pages).
Instant ink eligible⁶	Instant Ink Ready* / Save up to 50% on ink. For more information visit http://www.hpinstantink.com
Product Dimensions	W x D x H: 17.72 x 14.33 x 8.54 in; Maximum: 17.71 x 22.55 x 10.66 in (with trays extended)
Product Weight	12.37 lb
Warranty Features	One-year limited hardware warranty; For more info please visit us at http://support.hp.com
Energy Efficiency Compliance	ENERGY STAR® certified
Display Description	2.2 in (5.5 cm) touch mono display with magic frame
Software Included	HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations
Compatible Operating Systems	Windows 10, Windows 8.1, Windows 8, Windows 7; OS X v10.8 Mountain Lion, OS X v10.9 Mavericks, OS X v10.10 Yosemite
Minimum System Requirements	PC: 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, Internet Explorer. Windows Vista: 800 MHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, 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.; MAC: OS X v10.8 Mountain Lion, OS X v10.9 Mavericks, OS X v10.10 Yosemite; 1 GB HD; Internet; USB
Power¹	Power Supply Type: Internal; Power Requirements: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power Consumption: 10 watts maximum, 0.1 watts (Off), 2.83 watts (Standby), 1.17 watt (Sleep)
Acoustics	Acoustic Power Emissions: 6.0 B(A); Acoustic Pressure Emissions: 48 dB(A)
Operating Environment	Operating Temperature Range: 41 to 104°F; Recommended Operating Temperature: 59 to 86°F; Storage Temperature Range: -40 to 140°F; 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	UZ381E - HP 2 Year Care Pack Business Priority Support with Next Business Day Exchange; UZ382E - HP 3 Year Care Pack Business Priority Support with Next Business Day Exchange; UZ383E - HP 4 Year Care Pack Business Priority Support with Next Business Day Exchange

Learn more at hp.com

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 Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 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 hpconnected.com. Print times and connection speeds may vary. AirPrint™ supports OS X® Lion, OS X® Mountain Lion and the following devices running iOS 4.2 or later: iPad®, iPhone® (3GS or later), iPod touch® (3rd generation or later) and requires the printer be connected to the same network as your OS X or iOS device. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc. Windows® is a trademark of the Microsoft group of companies. BlackBerry® names and logos are the property of Research In Motion Limited. Android is a trademark of Google Inc. ³ Either after first page or after first set of ISO test pages. For details see: hp.com/go/printerclaims ⁴ HP SureSupply assists you when you want to replace a print cartridge and helps you shop and purchase locally or via the Internet. For more information, visit hp.com/learn/suresupply. Internet access required. ⁵ Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. ⁶ Savings claim is based on HP Instant Ink Service plan price for 12 months using all pages in plan without purchase of additional pages compared to the cost per page ("CPP") of the majority of color inkjet printers <\$399 USD, market share reported by IDC Q2 2014. CPP comparisons for standard-capacity inkjet supplies are based on estimated street price and page yield as reported by Gap Intelligence MFP Weekly and IJP Weekly Reports 9/20/2014. Actual savings may vary depending on number of pages actually printed per month and content of pages printed.

