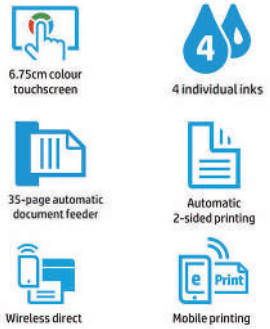
Data sheet

HP Officejet Pro 6830 e-All-in-One Printer

Stand out with affordable business productivity.

Print professional colour documents for business for up to 50% lower cost per page than lasers.[1] This e-all-in-one is designed for productivity with smart features and mobile printing to keep business moving – at work, home or on the go.[2]

Print speed: Up to 18 ppm black ISO (A4); Up to 10 ppm colour ISO (A4)
Paper handling: Automatic 2-sided printing
Duty cycle: Up to 15,000 pages (A4)
RMPV: 200 to 800 pages (print)



Enjoy professional colour for less than lasers.[1]

- Look professional with every page, using Original HP pigment inks for vibrant, durable prints.[3]
- Get better value for frequent printing with Original HP high-yield individual ink cartridges.[4]
- Boost productivity with fast printing speeds – up to 18 ppm black-and-white and 10 ppm colour.[5]
- Save up to 50% on paper with automatic two-sided printing of documents and borderless colour brochures.

Print on your terms.

- Print wirelessly from your mobile device – no router or access to local network required.[6]
- Print documents, photos and more when you're on the go – from virtually anywhere – using HP ePrint.[7]
- Easily connect to your local network and the Internet, wirelessly or using the 10/100 Ethernet port.[8]
- Manage this HP e-all-in-one and scan on the go with the free HP All-in-One Printer Remote mobile app.[9]

Work smarter and effortlessly.

- Easily manage all your tasks and access apps[10] – just tap and swipe the 6.75 cm (2.65-inch) touchscreen.
- Free up time and quickly copy, scan and fax multipage documents with the 35-page Automatic Document Feeder.
- Reload paper less and handle large print jobs, using the 225-sheet paper tray.
- Depend on a printer with an up to 15,000-page monthly duty cycle – the perfect fit for reliable colour printing.

Conserve resources without sacrificing performance.

- Use up to 50% less energy compared with the majority of colour laser AiOs.
- Save energy on your schedule – preset your device to turn on when you need it and off when you don't.
- Conserve resources – use up to 80% less supplies and packaging by weight compared with the majority of colour laser AiOs.
- Reduce your impact – easily recycle your Original HP ink cartridges for free through HP Planet Partners.[11]

Technical specifications

Print technology	HP Thermal Inkjet
Functions	Print, copy, scan, fax, Web
Print speed	Up to 18 ppm ISO black (A4); Up to 10 ppm ISO colour (A4) After first page. Print speed may vary depending on the type of output. For details, see http://www.hp.com/go/inkjetprinter.
Standard connectivity	1 USB 2.0; 1 Host USB; 1 Ethernet; 1 Wireless 802.11b/g/n; 1 RJ-11 fax
Wireless capability	Yes, built-in WiFi 802.11b/g/n
Mobile printing capability	HP ePrint, Apple AirPrint, Wireless direct printing
Media Handling	**Input capacity**: Up to 225 sheets; Up to 40 sheets transparencies; Up to 60 sheets photo paper **Output capacity**: Up to 60 sheets **Duplex printing**: Automatic (standard)
First page out time	As fast as 14 sec black (A4, ready); As fast as 17 sec colour (A4, ready)
Monthly duty cycle	Up to 15,000 pages (A4); Recommended monthly page volume: 200 to 800 (print); 50 to 150 (scan)
Print languages	HP PCL 3 GUI, HP PCL 3 Enhanced
Print capabilities	Borderless printing: Yes (up to 216 x 279 mm)
Print Area	Print margins: Top: 2.9 mm; Bottom: 2.9 mm; Left: 2.9 mm; Right: 2.9 mm; Maximum print area: 224 x 297 mm
Print resolution	Up to 600 x 1200 dpi black; Up to 600 x 1200 dpi colour
Memory	1 GB
Auto document feeder capacity	Standard, 35 sheets
Copier settings	Number of copies; Resize; Quality; Lighter/Darker; Paper size; Paper Type; Two-sided; ID Copy; Collate; Margin shift; Enhancement; Crop; Copy preview; Maximum number of copies: Up to 99 copies: Copy resolution: Up to 600 x 600 dpi
Copy speed	Up to 10 cpm black ISO (A4), Up to 7 cpm colour ISO (A4)
Scanner specifications	Scanner type: Flatbed, ADF; Scan technology: Contact Image Sensor (CIS); Scan input modes: Front-panel scan, copy, fax, HP Software, EWS; Twain version: Version 1.9; Scan size maximum (flatbed, ADF): 212 x 297 mm; Optical scan resolution: Up to 1200 dpi
Scan speed	Up to 5 ppm (200 ppi, black & white), up to 2.8 ppm (200 ppi, colour)
Bit depth/ Greyscale levels	24-bit/ 256
Scannable area	Maximum media size: 212 x 297 mm; Maximum media size: 212 x 356 mm ADF
Digital sending	Standard: Scan to thumb drive/PC
Scan file format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)
Fax	Yes, colour
Fax specifications	Fax memory: Up to 100 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: 203 x 196 dpi; Quick dialing: 99
Printer management	No
Control panel	6.75 cm touchscreen Colour Graphics Display (CGD)
Compatible operating systems	Windows 8.1 (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows 7 (32-bit and 64-bit), Windows Vista (32-bit and 64-bit), Windows XP (32-bit) (Professional and Home Editions); Mac OS X v10.6, v10.7, v10.8 or v10.9; Linux (For more information, see http://hplipopensource.com/hplip-web/index.html)
Minimum system requirements	Windows: Windows® 7, 8, 8.1: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB HD, Microsoft® Internet Explorer, CD-ROM/DVD or Internet, USB; Windows Vista®: 800 MHz 32-bit (x86) or 64-bit (x64) processor, 2 GB HD, Microsoft® Internet Explorer, CD-ROM/DVD or Internet, USB; Windows® XP SP3 (32-bit only): Intel Pentium® II, Celeron® or 233 MHz compatible processor, 750 MB HD, Microsoft® Internet Explorer 6, CD-ROM/DVD or Internet, USB Mac: Mac OS X v10.6, v10.7, v10.8 or v10.9: 1 GB HD, Internet, USB

What's in the box	**E3E02A** HP Officejet Pro 6830 e-All-in-One Printer; Power cord; Host ink cartridges; User guide; Set up poster; Phone cord
Supplies	**C2P19AE** HP 934 Black Original Ink Cartridge ~400 pages **C2P20AE** HP 935 Cyan Original Ink Cartridge ~400 pages **C2P21AE** HP 935 Magenta Original Ink Cartridge ~400 pages **C2P22AE** HP 935 Yellow Original Ink Cartridge ~400 pages **C2P23AE** HP 934XL High Yield Black Original Ink Cartridge ~1,000 pages **C2P24AE** HP 935XL High Yield Cyan Original Ink Cartridge ~825 pages **C2P25AE** HP 935XL High Yield Magenta Original Ink Cartridge ~825 pages **C2P26AE** HP 935XL High Yield Yellow Original Ink Cartridge ~825 pages **C6818A** HP Professional Glossy Inkjet Paper-50 sht/A4/210 x 297 mm **CHP710** HP All-in-One Printing Paper-500 sht/A4/210 x 297 mm **Q6593A** HP Professional Matt Inkjet Paper-200 sht/A4/210 x 297 mm **F6U78AE** HP 935XL Office Value Pack-75 sht/A4/210 x 297 mm Approximate yield. Actual yield depends on printer and specific use. For more information, see http://www.hp.com/go/pageyield.
Software included	HP Printer Software, Google Toolbar, HP Update, Shop for Supplies Online
Media weight	Media Weight Recommended: 60 to 105 g/m² (plain); 220 to 280 g/m² (photo); 75 to 90 g/m² (envelope); 163 to 200 g/m² (card)
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, thick plain paper
Media sizes	A4, A5, A6, B5(JIS), 13 x 18 cm, 10 x 15 cm, Envelope C5, Envelope C6, Envelope DL; Custom: 101.6 x 127 mm to 215 x 355 mm (Simplex), 101.6 x 140 mm to 215 x 309 mm (Auto Duplex)
Printer dimensions (W x D x H)	461.85 x 387.65 x 224 mm
Package dimensions (W x D x H)	508 x 282 x 464 mm
Printer Weight	8 kg
Package weight	10 kg
Operating environment	Temperature: 5 to 40ºC, Humidity: 20 to 80% RH (non-condensing)
Storage	Temperature: -40 to 60ºC, Humidity: 20 to 90% RH (non-condensing)
Acoustics	Acoustic power emissions: Normal mode mono 6.4 B(A) color 6.2 B(A); Acoustic pressure emissions: 6.3 B(A) monochrome normal FB
Power	Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) Consumption: 25 watts maximum, 4.9 watts (active), 0.33 watts (manual-off), 1.35 watts (sleep)
Certifications	EU EMC Directive 2004/108/EC, CISPR 22: 2008 /EN 55022: 2010 Class B, EN 55024: 2010, EN 61000-3-2: 2006+A1: 2009+A2: 2009, EN 61000-3-3: 2008
Country of origin	Made in Thailand
Warranty	One-year limited warranty. Warranty and support options vary by product, country and local legal requirements.
Service and support	**UG198E** - HP 3 year Care Pack w/Standard Exchange for Officejet Pro Printers **UG075E** - HP 3 year Care Pack w/Next Day Exchange for Officejet Pro Printers (UG198E: all EMEA countries. UG075E: only Austria, Baltics, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech, Greece, Hungary, Poland, Slovakia)

[1]Cost-per-page (CPP) claim compares the majority of multi-pass colour laser AiOs < €300 excluding VAT, as of Feb 2014 based on market share as reported by Q4 2013 IDC. CPP for laser supplies are based on published specifications of the manufacturers' highest capacity cartridges. CPP based on HP 934XL/935XL ink cartridges estimated street price, published yield and continuous printing. Actual prices may vary. Actual yields may vary based on images printed and other factors. See hp.com/go/learnaboutsupplies.

[2]Local printing requires mobile device and printer to be on the same wireless network or have a direct wireless connection. 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 http://www.hp.com/go/mobileprinting for more details.

[3]Fade resistance based on paper-industry predictions for acid-free papers and Original HP inks; colourant stability data at room temperature based on similar systems tested per ISO 11798 and ISO 18909. Water resistance based on HP internal testing, using paper with the ColorLok® logo.

[4]Based on HP 934XL High-Yield Black Original Ink Cartridge and HP 935XL High-Yield Colour Ink Cartridges. High-yield ink cartridges not included; purchase separately. For more information, see http://www.hp.com/go/learnaboutsupplies. Value compared with estimated retail price and average page yield of standard-yield HP 934/935 ink cartridges. Actual pricing may vary.

[5]After first set of ISO test pages. For more information, see http://www.hp.com/go/printerclaims.

[6]Mobile device must be connected directly to the WiFi network of a wireless direct-capable 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 access point in the printer.

[7] Check your compatible device's official app store for HP ePrint app download availability. Requires an Internet connection to an HP ePrint-enabled printer. Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4 GHz operations only. Print times and connection speeds may vary. 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 http://www.hp.com/go/mobileprinting.

[8]Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only.

[9]Requires download of HP All-in-One Printer Remote app from third-party app stores. Mobile scanning requires five megapixels or greater camera with autofocus capability. Local printing, scanning and copying requires mobile device and printer to be on the same network or have a direct wireless connection to the printer. Alerts require app to be open. Wireless performance is dependent on physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz operations only.

[10] 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 http://www.hp.com/go/hpconnected/help/printablesgs.

[11]Program availability varies. Original HP cartridge return and recycling is currently available in more than 49 countries, territories and regions in Asia, Europe and North and South America through the HP Planet Partners program. For more information, visit http://www.hp.com/recycle.

http://www.hp.com/uk

The product could differ from the images shown. © Copyright 2014 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

4AA5-2825EEE, 06/14