HP Officejet 6820 e-All-in-One Printer

Stand out with affordable business productivity

Get standout colour for business – for less cost per page than lasers.[1] This 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]

Highlights

- **Print speed:** Up to 14 ppm black ISO (A4); Up to 8 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 standout colour for less than lasers[1]

- Look professional with every page, using Original HP pigment inks for vibrant, durable prints that last.[3]

- Count on a better value for frequent printing with Original HP high-yield individual ink cartridges.[4]

- Boost productivity with fast printing speeds – up to 14 ppm black-and-white and 8 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 all-in-one and scan on the go with the free HP All-in-One Printer Remote mobile app.[9]

Make every minute work for you

- 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.

- Turn up the print volume. 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.

6.75cm colour touchscreen

4 individual inks

35-page automatic document feeder

Automatic 2-sided printing

Wireless direct

Mobile printing

HP Officejet 6820 e-All-in-One Printer

Technical specifications

Functions	Print, copy, scan, fax, Web
Print speed	Up to 14 ppm ISO black (A4); Up to 8 ppm ISO colour (A4)
Print resolution	Up to 600 x 1200 dpi black; Up to 600 x 1200 dpi
Print technology	HP Thermal Inkjet
Print Area	Print margins: Top: 2.9 mm; Bottom: 2.9 mm; Left: 2.9 mm; Right: 2.9 mm; Maximum print area: 210 x 297 mm
Print languages	HP PCL 3 GUI, HP PCL 3 Enhanced
Print capabilities	Borderless printing: Yes (up to 216 x 279 mm)
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Mobile printing capability	HP ePrint, Apple AirPrint, Wireless direct printing
Monthly duty cycle	Up to 15,000 pages (A4); Recommended monthly page volume: 200 to 800 (print); 50 to 150 (scan)
Automatic paper sensor	No
Processor speed	500 MHz
Display	6.75 cm (2.65") CGD touchscreen
Multitasking supported	Yes
Wireless Capability	Yes, built-in Wi-Fi 802.11b/g/n
Connectivity	Standard 1 Hi-Speed USB 2.0; 1 Hi-Speed USB 2.0 Host; 1 Ethernet; 1 Wireless 802.11b/g/n; 1 RJ-11 fax Optional No
Network Capabilities	Standard (built-in Ethernet, Wi-Fi 802.11b/g/n)
Memory	Standard 1 GB; Maximum 1 GB
Printer smart software features	Orientation: Portrait/Landscape; Print on Both Sides: None/Flip on Long Edge/Flip on Short Edge; Pages per Sheet: 1, 2, 4, 6, 9, 16 (i.e. N-up printing); Quality Settings: Draft/Normal/Best; Colour: Black & White/Colour; Printing Shortcuts; Print in Greyscale: Off/High Quality Greyscale/Black Ink Only; Pages Per Sheet Layout: Right then Down/Down then Right/Left then Down/Down then Left; Borderless Printing: Off/On; HP Real Life Technologies: Off/On; Booklet: None/Booklet-Left Binding/Booklet-Right Binding; Pages to Print: Print All Pages/Print Odd Pages Only/Print Even Pages Only; Print in Max DPI: No/Yes; Page Borders: Off/On
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 resolution, color text and graphics: Up to 600 x 600 dpi; Copier resize: 25 to 400%
Copy speed	Up to 5 cpm black ISO (A4), Up to 5 cpm colour ISO (A4)
Copier smart software features	ID copy; Resize; Collation; Two-sided; Crop; Copy preview; Margin shift
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 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)
Scan speed	Up to 5 ppm (200 ppi, monochrome), up to 2.8 ppm (200 ppi, colour) (A4)
Scannable area	Maximum media size: 212 x 297 mm; Maximum media size: 212 x 356 mm ADF
Bit depth/ Greyscale levels	24-bit/ 256
Digital sending	Standard: Scan to thumb drive/PC
Fax	Yes, colour
Fax specifications	Fax memory: Up to 75 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: 203 x 196 dpi; Quick dialing: Up to 75 numbers; Broadcasting, maximum locations: 20 locations; Fax speed: 4 sec per page
Fax smart software features	Permanent fax memory; Colour fax; Auto redial; Delayed sending; Fax forwarding; Fax to PC; Junk barrier; Distinctive ring detection; Phone book; Caller ID; Fax activity reports

What's in the box	**B6T06A:** HP Officejet 6820 All-in-One Printer; Power cord; Host ink cartridges; User Guide; Set up poster; Phone cord
Supplies	**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 **F6U78AE** HP 935XL Office Value Pack-75 sht/A4/210 x 297 mm Per cartridge: ~825 pages cyan, ~825 pages magenta, ~825 pages yellow **Q6593A** HP Professional Matt Inkjet Paper-200 sht/A4/210 x 297 mm
Compatible operating systems	Windows 10 (32-bit/64-bit), 8.1 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 7 (32-bit/64-bit), Windows Vista (32-bit/64-bit); 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 10, 8.1, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet Explorer, CD-ROM/DVD or Internet, USB; Windows Vista: 800 MHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, Internet Explorer, CD-ROM/DVD or Internet, USB Mac: Mac OS X v10.6, v10.7, v10.8 or v10.9: 1 GB available hard disk space, Internet, USB
Software included	HP Printer Software, Google Toolbar, HP Update, Shop for Supplies Online
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, inkjet hagaki, photo hagaki, thick plain paper
Media sizes	Supported A4; A5; A6; B5(JIS); Index card A4; 13 x 18 cm; 10 x 15 cm; Envelope C5; Envelope C6; Envelope DL; Custom: 101.6 x 127 to 215 x 355 mm (simplex); 101.6 x 140 to 215 x 309 mm (auto duplex)
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) ADF: Standard, 35 sheets
Paper weight	Supported: Plain paper: 60 to 105 g/m²; 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)
Printer management	No
Printer dimensions (W x D x H)	Minimum: 461.85 x 387.65 x 224 mm; Maximum: 461.85 x 559.95 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: 6.4 B(A) (normal mode monochrome); 6.2 B(A) (colour); Acoustic pressure emissions: 6.3B(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) Power supply type: Built-in power supply
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 (Europe) Energy Star Qualified: Yes
Country of origin	Made in Thailand
Warranty	One-year limited hardware warranty; 24-hour, 7 days a week phone support
Service and support	**UG072E** HP 3 year Care Pack w/Next Day Exchange for OfficeJet Printers **UG196E** HP 3 year Care Pack w/Standard Exchange for OfficeJet Printers (UG072E: only Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UG196E: all EMEA countries)

Footnotes

[1]Cost-per-page (CPP) claim compares the majority of multi-pass colour laser AiOs < 400€ as of February 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 http://www.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 street 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]Mobile device requires wireless access point and an Internet connection. Compatible with iPhone 4® and later, iPad® 4th Gen, iPad mini™, iPad Air™ and iPod® 5G using iOS 7or later and mobile devices using Android 4.0.x or later. Features controlled may vary by mobile device operating system. Scan/copy control requires mobile device and printer to 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.; [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.

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