

Print, Fax, Copy, Scan, Photo, Wireless

HP Deskjet Ink Advantage 4645 e-All-in-One



Command productivity for all your home-office tasks with this powerful e-all-in-one. Efficiently fax, scan, and copy multiple pages hands free. Create lab-quality photos and laser-sharp documents with ease. Print wirelessly from mobile devices.²



Power through work and home tasks—for less¹

- Low cost, high expectations—quality printing for less, using Original HP ink cartridges.¹
- Quickly fax, scan, and copy multipage documents with the 35-page automatic document feeder.
- Look more polished—borderless, lab-quality photos and laser-sharp documents make your projects stand out.
- Print more for less¹ and avoid risky refills, using the world's No. 1 printer brand.³



Easy mobile printing

- Enable easy wireless printing from your smartphone, tablet, and notebook at work, home, or on the go.²
- Walk up and print wirelessly—even without a wireless network.⁶
- Manage your e-all-in-one from your smartphone or tablet, using the HP All-in-One Remote app.⁴
- Set up with ease and wirelessly connect automatically.⁷ No driver downloads needed when running Windows 8.



Conserve and recycle

- Designed to conserve—save energy with this ENERGY STAR® qualified e-all-in-one.
- Count on easy, free cartridge recycling through HP Planet Partners.⁵
- Save time and paper with automatic two-sided printing.

¹ Compared with standard-capacity Original HP 61, 301, 122, and 802 Ink Cartridges. Based on estimated street price. Actual prices may vary.

² 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.

³ Based on IDC's Worldwide Quarterly Hardcopy Peripherals Tracker®, 2013 Q3. Shipments for inkjet single-function printers and multifunction printers, including production units in 1996 Q1-2013 Q1.

⁴ Requires separate download of HP All-in-One Remote app to your smartphone or tablet. Mobile device requires wireless access point and Internet connection. Features controlled by the app may vary by mobile device operating system. Scan/copy control requires mobile device and printer be on the same wireless network or through a wireless direct connection to printer. For more details, see hp.com/go/mobileapps

⁵ Program availability varies. Original HP cartridge return and recycling is currently available in 48 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit hp.com/recycle

⁶ An app or driver may be required to use HP wireless direct. For details, see hp.com/go/wirelessprinting. Wireless performance is dependent on physical environment and distance from the printer.

⁷ 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

Technical specifications

AIO/functions	Print, copy, scan, fax, photo, wireless
Print	
Technology	HP Thermal Inkjet
Speed ¹	Black & White: Up to 21 ppm (draft, A4); Up to 8.8 ppm (ISO, laser-comparable) Colour: Up to 17 ppm (draft, A4); Up to 5.2 ppm (ISO, laser-comparable)
Languages	HP PCL3 GUI
Borderless printing	Yes (Up to 210 x 297 mm)
Resolution	Black (best): Up to 1200 x 600 rendered dpi (when printing from a computer); Colour (best): Up to 4800 x 1200 optimized dpi colour (when printing from a computer on selected HP photo papers and 1200 input dpi)
Direct print support	Wireless direct printing
Mobile printing capability ²	Features wireless direct and local Wi-Fi connectivity to enable mobile printing via HP ePrint, 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
HP ePrint capability	Yes
Auto wireless connect	Yes
HP Printables	Yes
Scan	
Type	Flatbed, ADF
Technology	Contact Image Scanner (CIS)
Resolution	Optical: 1200 ppi
Input modes	Front panel or HP Unified Desktop Client, SD card or E-mail
Color scanning	Yes
Levels of grayscale	256
Twain version	Version 1.9
Size (flatbed), maximum	216 x 297 mm
Copy	
Speed ³	Black & White: Up to 6 cpm (ISO, laser comparable), Up to 6 cpm (draft, A4) Colour: Up to 4 cpm (ISO, laser comparable), Up to 4 cpm (draft, A4)
Resolution	Black (text and graphics): Up to 300 x 300 dpi; Colour (text and graphics): Up to 600 x 600 dpi
Reduce/enlarge settings	25 to 400%
Copies, maximum	Up to 50 copies
Copier settings	Stand-alone copying: Actual size; Fit to page; Custom; ID card Copy; 2-side copy
Fax	
Resolution, best	Black: Up to 300 x 300 dpi; Colour: Up to 300 x 300 dpi
Transmission speed	Up to 33.6 kbps; 4 sec per page
Memory	Up to 99 pages
Fax features	Faxing: Yes, colour; Auto-Redialling: No; Fax delayed sending: Yes; Distinctive ring detection supported: Yes; Fax forwarding supported: Yes; Fax polling supported: Yes
Display	
Media handling	
Duty cycle (monthly, A4) ⁴	Up to 3,000 pages
Recommended monthly print volume	Up to 150 to 600 pages (print); 20 to 100 (scan)
Auto document feeder capacity	Standard, 35 sheets
Paper handling	100-sheet input tray, 35-sheet Automatic Document Feeder (ADF), 30-sheet output tray
Duplex printing	Yes, Automatic (Standard)
Media types	Paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers, borderless media
Media sizes, supported	A4; A5; B5; DL; C6; A6
Media weights, supported	64 to 90 g/m ²
Media weights, recommended	A4: 75 to 90 g/m ² ; HP envelopes: 75 to 90 g/m ² ; HP cards: up to 200 g/m ² ; HP 10 x 15 cm photo paper: up to 250 g/m ²
Memory	64 MB DDR1
Processor speed	360 MHz
Operating system compatibility	Windows 8, Windows 7, Windows Vista, Windows XP SP3 or higher (32-bit only); Mac OS X v10.6, Lion, Mountain Lion
Minimum system requirements	PC: Windows 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. Windows XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 750 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 6; Mac: Mac OS X v10.6, OS X Lion, OS X Mountain Lion; Intel® Core™ Processor; 1 GB HD; CD-ROM/DVD or Internet; USB
Connectivity	1 USB 2.0; 802.11b/g/n wireless
Dimension (W x D x H)	446 x 332 x 189 mm
Weight	6.22 kg
Environmental	
Operating environment	Operating temperature range: 5 to 40° C; Recommended operating temperature range: 15 to 32° C; Storage temperature range: -40 to 60° C; Operating humidity range: 5 to 80% RH
Acoustics	Acoustic power emissions: Draft (black 6.5 B(A), colour 6.5 B(A)), Normal (black 5.9 B(A), colour 5.9 B(A)); Acoustic pressure emissions: 49.1 dB(A) (Draft printing)
Power specifications⁵	Power supply type: Built-in Universal Power Supply; Power supply required: (ACJ - India) 200 to 240 VAC (+/- 10%), 50/60 Hz; All others 100-240 V (+/- 10%), 50/60 Hz (+/- 3 Hz); Power consumption: 15 watts maximum, 12.5 watts (Active), 3.2 watts (Ready), 0.7 watts (Sleep), 0.2 (Standby/Off); Energy savings feature technology: HP Auto-Off Technology
Warranty	One-year limited hardware warranty; 24-hour, 7 days a week phone support
What's in the box	HP Officejet 4645 e-All-in-One; HP 678 Black Ink Cartridge; HP 678 Tri-colour Ink Cartridge; Software CD; Setup Poster; power cord; phone cord; USB cable. For ink volume and page yield information, visit hp.com/go/learnaboutsplies

¹ Either after first page or after first set of ISO test pages. For details see hp.com/go/printerclaims

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. HP ePrint requires: account registration, HP ePrint-enabled printer, Internet connection, and a wireless-enabled mobile device or Internet-connected computer with email capability. Separately purchased data plans or usage fees may apply. 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 Copy speed may vary depending on the type of output.

⁴ 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.

⁵ 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.

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Ordering information

Number	Description
B4L10B	HP Deskjet Ink Advantage 4645 e-All-in-One printer

Ink Cartridges

Number	Description
CZ107AA	HP 678 Black Ink Cartridge (480 pages)
CZ108AA	HP 678 Tri-colour Ink Cartridge (150 pages)

For information on reference page output, please log on to hp.com/go/pageyield

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Number	Description
UG063E	HP 3-year Next Business Day Exchange Multifunction Printer - M SVC
UG093E	HP 2-year Next Business Day Exchange Multifunction Printer - M SVC
UG123E	HP 1-year Next Business Day Exchange Multifunction Printer - M SVC
UG236E	HP 3-Year Return Multifunction Printer - M SVC
UG338E	HP 3-Year Pick Up & Return Multifunction Printer - M SVC

Recommended Papers*

Photo	HP Glossy Photo Paper HP Advanced Photo Paper
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Plain HP Papers with ColorLok® Technology**

For information on paper, visit hp.com/apac/paper

*Availability may vary by country and/or store.

**HP recommends ColorLok® papers for best printing results.

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