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

Low-cost productivity for work and home

December 2013
Empower your busy household to accomplish so much more, for less.¹ Quickly fax, scan, and copy multipage documents with ease, and save paper with automatic two-sided printing. Easily print wirelessly from your smartphone, tablet, and PC at home, work, or on the go.² Depend on outstanding results with every page, from the world’s No. 1 printer brand.³

Who can benefit?

This e-All-in-One is perfect for those who need:

- Economical, high-quality printing for impressive color documents and photos
- Quick, multipage faxing, scanning, and copying for their home office
- Easy wireless printing from all their computing devices—smartphones, tablets, and PCs—at home, on the road, or while out and about²
- Space-saving design and features that can help reduce environmental impact

Power through tasks for work and home, for less¹

Equip your home office to make quick work of a variety of tasks.

- Now it costs less to make your everyday documents look their best.¹ Print more for even less, using optional high-capacity cartridges.⁸
- Enjoy fast, multipage faxing, scanning, and copying with the 35-page automatic document feeder.
- Complete tasks with confidence. Choose the world’s top-selling printer brand for performance you can rely on.³
- Save paper and conserve resources. Cut your paper use by up to half by printing on both sides of the page, using automatic two-sided printing.
- Look more polished, no matter what you print. Laser-sharp color documents and lab-quality photos make work and school projects stand out.
- Make your e-All-in-One a daily stop for news, recipes, coupons, forms, and more with HP Printables. Enjoy customizable content delivered right to your device.⁵

There’s an HP Printable for everyone

Whether you’re looking for business trends, entertainment, travel tips, or family activities, HP Printables are ready when you are. Find yours today by selecting “Printables” on the e-All-in-One’s display.
Print wirelessly from your smartphone, tablet, and PC²

Now it’s easy to print from smartphones and tablets at home or on the go.²

- Enjoy easy printing using mobile devices with built-in printing features, including the Samsung Galaxy S®4 smartphone, HP’s Slate 7 tablet, and more—no setup or apps are required.³ Visit hp.com/go/mobileprinting for details.
- Print from your iPhone®, iPad®, and iPod touch® using Apple AirPrint™—no need to install anything.¹⁰
- Easily print from HP Windows® 8 PCs. The HP printing software is preloaded—no additional software downloads are required.¹¹
- The HP ePrint app lets you print from mobile devices at home, work, or on the go.² Visit hp.com/go/eprintapp for details. Check your compatible device’s official app store for download availability.
- Print wirelessly from smartphones and tablets without a wireless network or passcode.¹² HP wireless direct uses a wireless connection between your e-All-in-One and mobile devices—a simple solution for guest printing.¹²
- Print photos and documents when you’re on the go, using HP’s ePrint cloud-based printing service.² Learn more at hp.com/go/mobileprinting.
- Connect to your Wi-Fi network automatically with HP Auto Wireless Connect.⁶

Conserve and recycle

- Conserve resources without sacrificing performance. This ENERGY STAR qualified e-All-in-One meets strict energy efficiency guidelines.
- Reduce your environmental impact. Easily recycle your Original HP ink cartridges for free through HP Planet Partners.⁷

Product walk around

wireless light
HP ePrint-enabled
Compact, stylish design
2.0 inch (5 cm) mono graphic display
Power button
Automatic two-sided printing
Up to 100 sheet input tray
Document output tray
Borderless printing up to Letter (8.5 x 11.7 inch) or A4 size (210 x 297 mm)
Front view
RJ-11 Fax/phone ports
Back detail
35-sheet automatic document feeder
8.5 x 11.7 inch (216 x 297 mm) flatbed scanner
Alphanumeric keypad

Manage your e-All-in-One remotely

The HP All-in-One Remote app puts control of the e-All-in-One in your hands.⁴ Set up your e-All-in-One on a wireless network and access print and scan functions through Wi-Fi (Apple® iOS users also can access copy functions). Easily manage your e-All-in-One and scan right from your smartphone or tablet. Quickly send scans to email or cloud storage directly from your mobile device for easy sharing.⁴ Remotely monitor and order supplies. The app is available for Apple and Android™ devices and can be downloaded for free from the Apple App Store and Google™ Play Store.
## Product specifications

<table>
<thead>
<tr>
<th>Functions</th>
<th>Print, fax, scan, copy, photo</th>
</tr>
</thead>
</table>
| Print speed (letter/A4)¹¹ | ISO: up to 8.8 ppm black, up to 5.2 ppm color  
Draft: up to 2.1 ppm black, up to 1.7 ppm color |
| Print resolution | Black (best): up to 1200 x 600 rendered dpi (when printing from a computer)  
Color (best): up to 4800 x 1200 optimized dpi color (when printing from a computer on selected HP photo papers and 1200 input dpi) |
| No. of print cartridges | 1 black, 1 tri-color (cyan, magenta, yellow) |
| Scan resolution | Optical: up to 1200 dpi; Hardware: up to 1200 dpi; Enhanced: up to 2400 dpi |
| Copy resolution | Black text: up to 300 dpi; Color text and graphics: up to 600 dpi |
| Copy reduce/enlarge | 25 to 400% |
| Copier settings | Stand-alone copying: Actual Size; Fit to Page; Custom; ID Card Copy; 2-sided |
| Fax features | Auto Fax Reduction, Distinctive Ring Detection, Fax Auto-redialing, Fax Delayed Sending, Fax Forwarding, Fax Polling, Junk Barrier (requires caller ID), Fax Speed Dialing (up to 99 numbers), Fax Memory (up to 99 pages letter/A4)¹⁴ |
| Media sizes | Letter, legal, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes (A4, A5, B5, DL, C6, A6) |
| Paper handling | Maximum number of paper trays: 1  
Input capacities: up to 80 sheets standard/legal; up to 30 sheets 4 x 6 in (10 x 15 cm) photo paper; up to 15 envelopes, up to 40 cards, up to 20 transparencies  
Output capacities: up to 20 sheets standard/legal; up to 10 sheets 4 x 6 in (10 x 15 cm) photo paper; up to 10 envelopes, up to 10 cards, up to 10 transparencies |
| Minimum system requirements | PC: Microsoft® 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, Microsoft 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, Microsoft 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, Microsoft 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 port |
| Compatible operating systems | PC: Windows 8, Windows 7, Windows Vista, Windows XP SP3 or higher (32-bit only);  
Mac: OS X v10.6, Lion, Mountain Lion |
| Dimensions (width x depth x height) | Maximum: 17.56 x 21.57 x 7.44 in (446 x 548 x 189 mm)  
Minimum: 17.56 x 13.07 x 7.44 in (446 x 332 x 189 mm) |
| Weight | 13.72 lb (6.225 kg) |
| Power usage¹⁵ | ENERGY STAR qualified; 15.0 watts maximum, 12.5 watts (active), 3.2 watts (ready), 0.7 watts (sleep), 0.2 watts (standby/off) |
| Software included | HP Printer Software, HP Update, Shop for Supplies Online, HP Photo Creations |
| What’s in the box | HP Deskjet Ink Advantage 4645 e-All-in-One; HP 662 Black Ink Cartridge; HP 662 Tri-color Ink Cartridge; Software CD; Setup Poster; power cord; phone cord; USB cable. For ink volume and page yield information, visit hp.com/go/learnaboutsupplies. |
| Replacement cartridges | HP 662 Black Ink Cartridge (~120 pages); HP 662 Tri-color Ink Cartridge (~100 pages); HP 662XL Black Ink Cartridge (~360 pages); HP 662XL Tri-color Ink Cartridge (~330 pages). 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. See hp.com/go/learnaboutsupplies. |
| Warranty | One-year limited hardware warranty; 24-hour, 7 days a week phone support |
| HP Service and support options | Protect your investment—HP Total Care offers a variety of Extended Services; go to hp.com/support. |
Notes

1 Compared with standard-capacity Original HP 122 Ink Cartridges. Less cost per page 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.


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 Requires a wireless access point and an Internet connection to the printer. Services require registration. Availability varies by country, language, and agreements, and may require a firmware upgrade. HP Printables may not be available on all printer models, and not all apps can be set up for automatic delivery. For details, see hpconnected.com.

6 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/wirelessprinting.

7 Program availability varies. Original HP cartridge return and recycling is currently available in more than 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.

8 High-capacity Original HP 662XL Ink Cartridge not included; please purchase separately. Less cost-per-page comparison is based on estimated street price of standard-capacity Original HP 662, 122, and 122XL Ink Cartridges. Actual prices may vary.

9 Supports Samsung devices powered by Android™ OS 4.1 Jelly Bean or newer, including Samsung Galaxy S4, and HP Slate 7. Requires the printer be connected to the same network as your compatible mobile device. Remote printing requires an Internet connection to an HP web-connected printer, HP ePrint app, and HP ePrint account registration. Wireless performance is dependent on physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only. 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.

10 Supports Apple® OS X® Lion, OS X Mountain Lion, and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later), and iPod touch® (3rd generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same wireless network as your OS X or iOS device. Performance is dependent on physical environment and distance from the wireless access point. Wireless operations are compatible with 2.4 GHz routers only.

11 Select drivers on some OS versions may need to be activated before use.

12 Mobile device must be directly connected to the printer’s wireless network 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.

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

14 Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

15 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.

© Copyright 2013 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.

AirPrint and the AirPrint Logo are trademarks of Apple Inc. OS X, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. ENERGY STAR is a registered mark owned by the U.S. government. Galaxy S4 is a registered trademark of Samsung Electronics Co., Ltd. Android and Google are trademarks of Google, Inc. Celeron, Intel, Intel Core, and Pentium are trademarks of Intel Corporation in the U.S. and/or other countries. Microsoft, Windows, Windows XP, and Windows Vista are U.S. registered trademarks of Microsoft Corporation.