HP DeskJet Ink Advantage 5645 All-in-One Printer

Photo printing made easy – and affordable

Print the photos you love while saving with HP's low-priced ink cartridges. Start projects in a few easy steps – print wirelessly, from memory cards, or from your smartphone or tablet.[1,2] Preview photos on a touchscreen, and make borderless prints.

Highlights

- **Print speed:** Up to 12 ppm ISO black (A4); Up to 8 ppm ISO colour (A4)

- **Paper Handling:** 125-sheet Main Input Tray, 15-sheet Photo Tray, Up to 25 sheets output tray

- **Connectivity:** Standard 1 Hi-Speed USB 2.0; 1 Wi-Fi 802.11b/g/n

2 sided printing

6.7 cm (2,65-inch) Colour touchscreen

Auto-engage photo tray

Memory card reader

Web Connected with access to HP Printables

Print with or without a router

Simply create, without the wait

- Print photos from a variety of smartphones and tablets[1] – paper sensing automatically chooses the right tray.

- Start printing and get connected quickly with easy setup from your smartphone, tablet, or PC.[3]

- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.[2]

- Manage printing tasks and scan on the go with the free HP All-in-One Printer Remote mobile app.[4]

You can afford to be creative

- Print all the lab-quality photos and documents you need for a great value with HP's low-priced ink cartridges.

- Get high-quality prints – time after time – with an all-in-one designed and built to be reliable.

Feature-packed for photo printing

- See photos in detail on the 6.7 cm (2.66-inch) touchscreen display before you print them.

- Just pop your camera's memory card into the card slot on this all-in-one for fast, beautiful prints.

- The built-in photo tray lets you print 10 x 15 cm photos in brilliant colour without changing paper.

- Print borderless, lab-quality photos, laser-quality documents, scrapbook pages, and more – right in your home.

Effortless printing you'll love

- Ready when you are. Print remotely without worries, using the auto-deploying output tray.

- Save paper and conserve resources – use up to 50% less paper with easy, automatic two-sided printing.

- Access crosswords, colouring pages, and more with free HP Printables – delivered on your schedule.[5]

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Technical specifications

Functions	Print, scan, copy, web, photo
Print speed	Up to 12 ppm ISO black (A4); Up to 8 ppm ISO colour (A4)
Print resolution	Up to 1200 x 1200 rendered dpi (when printing from a computer) black; Up to 4800 x 1200 optimised dpi colour (when printing from a computer with 1200 input dpi on selected HP photo papers and print in maximum dpi)
Print technology	HP Thermal Inkjet
Print Area	Print margins: Top: 3 mm; Bottom: 3 mm; Left: 3 mm; Right: 3 mm; Maximum print area: 209.9 x 349.6 mm
Print languages	HP PCL 3 GUI
Print capabilities	Borderless printing: Yes (up to 216 x 297 mm)
Print cartridges number	2 (1 each black, tri-colour)
Mobile printing capability	Features Wi-Fi Direct and local Wi-Fi connectivity to enable mobile printing via HP ePrint, Apple AirPrint™ as well as other solutions. Mopria-certified. Supports printing from most smartphones and tablets using these operating systems: Android, iOS, Blackberry, Windows 8, Windows RT and Windows 10 Mobile.
Monthly duty cycle	Up to 1,000 pages (A4); Recommended monthly page volume: 100 to 250
Automatic paper sensor	No
Processor speed	525 MHz
Display	6.75 cm (2.65"), Touchscreen CGD (Colour Graphics Display)
Multitasking supported	Yes
Wireless Capability	Yes
Connectivity	Standard 1 Hi-Speed USB 2.0; 1 Wi-Fi 802.11b/g/n
Memory	Standard 128 MB DDR3
Memory card compatibility	Secure Digital
Copier settings	Number of Copies; 2-sided; Draft; Black; Colour; Quality; Resize; Lighter/Darker; Paper Size; Paper Type; Margin Shift; Enhancements; Set as New Defaults; Maximum number of copies: Up to 20 copies; Copy resolution: 300 x 300 dpi; Copy resolution, color text and graphics: 600 x 600 dpi; Copier resize: 25 to 400%
Copy speed	Up to 10 cpm black ISO (A4), Up to 5 cpm colour ISO (A4)
Scanner specifications	Scanner type: Flatbed; Scan technology: CIS; Scan input modes: Front panel or HP Solution Center desktop scanning to computer, SD card or email; Twain version: Version 2.1; Scan size maximum (flatbed, ADF): 216 x 297 mm; Optical scan resolution: 1200 dpi
Scan file format	PDF, BMP, JPG, GIF, TIF, PNG
Scan speed	15 seconds per scan (A4)
Scannable area	Maximum media size: 216 x 297 mm
Bit depth/ Greyscale levels	24-bit/ 256
Digital sending	Standard: Scan to email (via printer control app); Scan to file (from software); Scan to email
Fax	No
Media types	Plain paper, photo paper, brochure paper
Media sizes	Supported A4; A5; B5; DL; C6; A6; Custom: 76 x 127 to 216 x 356 mm
Media Handling	Input capacity: Up to 125 sheets; Up to 40 sheets transparencies; Up to 40 cards cards; 15 sheets photo paper Output capacity: Up to 25 sheets, Up to 5 envelopes Maximum: Up to 25 sheets Duplex printing: Automatic
Paper weight	Supported: A4: 75 to 90 g/m²; HP envelopes: 75 to 90 g/m²; HP Photo Paper: up to 250 g/m²; HP 10 x 15 cm photo paper: up to 250 g/m²; HP Premium Plus Photo Paper: up to 300 g/m²

What's in the box	**B9S57C:** HP DeskJet Ink Advantage 5645 All-in-One Printer; HP 651 Black Original Ink Advantage Cartridge (~600 pages); HP 651 Tri-color Original Ink Advantage Cartridge (~300 pages); Software CD; Setup instructions; Power cord; [For ink volume and page yield information, visit http://www.hp.com/go/learnaboutsupplies]
Supplies	**C2P10AE** HP 651 Black Original Ink Advantage Cartridge ~600 pages **C2P11AE** HP 651 Tri-color Original Ink Advantage Cartridge ~300 pages **CHP210** HP Printing Paper–500 sht/A4/210 x 297 mm **Q5456A** HP Advanced Glossy Photo Paper–25 sht/A4/210 x 297 mm **Q8008A** HP Advanced Glossy Photo Paper–60 sht/10 x 15 cm borderless Approximate yield. Actual yield depends on printer and specific use. See http://www.hp.com/go/pageyield for more information
Compatible operating systems	Windows® 10, Windows® 8.1, Windows® 8, Windows® 7, Windows Vista®; OS X v10.8 Mountain Lion, OS X v10.9 Mavericks, OS X v10.10 Yosemite
Minimum system requirements	Windows: Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista®: 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8 Mac: Apple® OS X Yosemite (v10.10), OS X Mavericks (v10.9), OS X Mountain Lion (v10.8); 1 GB available hard disk space; Internet; USB
Software included	HP Printer Software, HP Update, HP Photo Creations
Printer dimensions (W x D x H)	Minimum: 454 x 410 x 161 mm; Maximum: 454 x 503 x 161 mm
Package dimensions (W x D x H)	497 x 205 x 491 mm
Printer Weight	6.82 kg
Package weight	8.211 kg
Operating environment	Temperature: 5 to 40ºC, Humidity: 20 to 80% RH
Storage	Temperature: -40 to 60ºC, Humidity: 10 to 90% RH (non condensing)
Acoustics	Acoustic power emissions: 6.4 B(A) (printing at 6 ppm); Acoustic pressure emissions: 4.9 B(A) (print mono, simplex, normal mode, A4 paper)
Power	Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) Consumption: 13.95 watts (printing), 3.60 watts (ready), 0.93 watts (sleep), 0.20 watts (off) Power supply type: Built-in power supply
Certifications	CISPR 22:2008/EN 55022:2010 (Class B); CISPR 24:2010/EN 55024:2010; EN 301 489-1 v1.9.2:2011; EN 301 489-17 v2.2.1:2012; EN 61000-3-2:2006 +A1:2009 +A2:2009; EN 61000-3-3:2008; EMC Directive 2004/108/EC with CE Marking (Europe) Energy Star Qualified: Yes
Country of origin	Made in Thailand
Warranty	One-year limited hardware warranty; 24-hour, 7 days a week Web support
Service and support	**UG062E** HP 3 year Care Pack w/Next Day Exchange for Multifunction Printers **UG187E** HP 3 year Care Pack w/Standard Exchange for Multifunction Printers (UG062E: only Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UG187E: all EMEA countries)

Footnotes

[1] In comparison to the majority of consumer/home office inkjet all-in-one printers < 399€ as of Nov 2014 based on market share as reported by IDC. App download required for printer setup. HP ePrint account registration may be required. Wireless operations are compatible with 2.4 GHz operations only. See http://www.hp.com/go/mobileprinting for more details.; [2] Mobile device needs to be connected directly to the Wi-Fi Direct signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Depending on mobile device, a free app or driver may also be required. For details, see http://www.hp.com/go/mobileprinting.; [3] Requires HP All-in-One Printer Remote mobile app download and is compatible with iPhone® 4 and later, iPad® fourth generation, iPad mini™, iPad Air®, iPod®, and mobile devices using Android™ 4.0.3 or later. For a full list of supported operating systems, see http://www.hp.com/go/mobileprinting.; [4] Compatible with iPhone® 4 and later, iPad® fourth 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. For mobile scanning, device camera requires 5 megapixels or greater with autofocus capability.; [5] 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 or for all printer models. For details, visit http://www.hp.com/go/hpconnected/help/printablesgs.

http://www.hp.com/uk

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