



# HP DESKJET 2050 ALL-IN-ONE – J510a

PRINT, SCAN, COPY

Print, scan and copy everyday documents with this compact, reliable HP all-in-one. Designed to fit your taste, space and budget, it is easy to use and maintain, helps you conserve resources, and it's backed by HP's award-winning service and support.



## Get the features you need at an affordable price.

- Easily print, scan and copy everyday documents for a low price.
- Choose high-capacity ink cartridges – a better value for frequent printing<sup>1</sup>.
- Install right out of the box in just a few minutes. This all-in-one powers up in seconds so you can get started right away.

## Count on dependable, affordable performance.

- HP Deskjet – celebrating more than 20 years as the world's top-selling printer brand<sup>2</sup>.
- Get peace of mind with the one-year limited warranty plus HP Total Care advice and support.

## Reduce energy consumption and conserve resources.

- Save energy with an ENERGY STAR<sup>®</sup> qualified all-in-one.
- Easily recycle HP Deskjet packaging – this product is shipped in 99% recyclable or reusable packaging<sup>3</sup>.
- Get free and easy recycling – cartridges returned through HP Planet Partners<sup>4</sup> are recycled responsibly.

## ecoHIGHLIGHTS

### HP DESKJET 2050 ALL-IN-ONE

#### ECO INFORMATION

- Low energy: sleep mode is comparable with powering a clock radio
- Recycle or reuse 99% of this packaging – including a reusable bag<sup>1</sup>
- Original HP 61 cartridges contain up to 70% recycled plastic
- ENERGY STAR<sup>®</sup> Qualified Product

<sup>1</sup> Some small pieces of tape are not recyclable.

[www.hp.com/go/ecosolutions](http://www.hp.com/go/ecosolutions)

Please recycled your computing hardware and printing supplies. Find out how at our website.



<sup>1</sup> Not included, please purchase separately. Page yield is based on ISO/IEC 24711 or HP testing methodology and continuous printing, and is dependent on the individual cartridge and printer. Actual results may vary.  
<sup>2</sup> Results are based on internal HP database results through 2008. <sup>3</sup> Some small pieces of tape are not recyclable. <sup>4</sup> Program availability varies. HP print 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: [www.hp.com/recycle](http://www.hp.com/recycle).



## Technical specification

### Print

<b>Print technology</b>	HP Thermal Inkjet		
<b>Print speed</b>	<b>Document type</b>	<b>Maximum</b>	<b>Default (ISO)*</b>
	Black	Up to 20 ppm	Up to 5.5 ppm
	Colour	Up to 16 ppm	Up to 4 ppm
* Based on ISO/IEC 24734; see <a href="http://www.hp.com/go/inkjetprinter">www.hp.com/go/inkjetprinter</a> for details.			
<b>Print quality</b>	Black: Up to 600 dpi; Colour: Up to 4800 x 1200 optimised dpi from 1200 dpi input data (when printing from a computer on photo paper)		
<b>Borderless printing</b>	No		
<b>Printer languages</b>	HP PCL 3 GUI		

### Scan

	Resolution: Optical: Up to 1200 dpi; Hardware: Up to 1200 x 1200 dpi; Enhanced: Up to 19,200 dpi
	Maximum document size: 216 x 297 mm
	Type: Flatbed; Bit depth: 24-bit; Twain version: Version 1.9; Scan technology: Contact Image Sensor (CIS); Greyscale: 256

### Copy

<b>Copy speed</b>	Black: Up to 4.5 ppm; Colour: Up to 2.5 ppm
<b>Copy resolution</b>	Black: Up to 600 optimised dpi (from 300 dpi input); Colour: Up to 600 optimised dpi (from 300 dpi input)
<b>Duty cycle (monthly, A4)</b>	Up to 1000 pages
<b>Media types</b>	Paper (brochure, inkjet, plain), photo paper, envelopes, labels, cards (greeting), transparencies
<b>Media sizes</b>	Standard: A4 (210 x 297 mm), B5 (176 x 250 mm), A5 (148 x 210 mm), A6 (105 x 148 mm), DL envelope (220 x 110 mm)
<b>Paper handling</b>	Standard: 60-sheet input tray
<b>Media handling/input</b>	Sheets: Up to 60 sheets; Envelopes: Up to 5 envelopes; Cards: Up to 20 cards; Transparencies: Up to 15 sheets; 10 x 15 cm photo: Up to 20 sheets
<b>Duplex printing</b>	Manual (driver support provided)
<b>Power</b>	Requirements: Input voltage 100 to 240 VAC (+/- 10%); Frequency: 50/60 Hz (+/- 3 Hz); Supply: External
<b>Power consumption</b>	Powersave: 1.2 watts; Standby: 2.3 watts; Active: 9 watts
<b>Acoustic emissions</b>	Power: 6.3 B(A) (printing at 6 ppm); Pressure: 50 dB(A) (printing at 6 ppm)
<b>Interface and connectivity</b>	1 USB 2.0
<b>Memory</b>	Standard: Integrated
<b>Software included</b>	HP Solution Centre
<b>Dimensions (w x d x h)</b>	Out of package: 427 x 306 x 156 mm (trays closed); Packaged: 463 x 193 x 349 mm
<b>Weight</b>	Out of package: 3.6 kg; Packaged: 5.22 kg
<b>Operating systems compatibility</b>	Microsoft® Windows® 7, Windows Vista®, Windows® XP (SP2)* or higher (32-bit only); Mac OS X v 10.5 or v 10.6
<b>Minimum System Requirements</b>	Microsoft® Windows® 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 1 GB (32-bit) or 2 GB (64-bit) RAM, 600 MB 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, 512 MB RAM, 700 MB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows® XP (SP2)* or higher (32-bit only): any Intel Pentium II, Celeron or compatible processor, 233 MHz or higher, 128 MB RAM, 250 MB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 6 or higher. *Supports 32-bit only.
<b>Warranty</b>	One-year limited hardware warranty. Access to 24/7 award-winning support services through <a href="http://www.hp.com/support">www.hp.com/support</a>

## Ordering information

Number	Description
CH350A	HP Deskjet 2050 All-in-One – J510a

### Ink Cartridges

CH561WA	HP 61 Black Ink Cartridge
CH562WA	HP 61 Tri-colour Ink Cartridge
CH563WA	HP 61XL Black Ink Cartridge
CH564WA	HP 61XL Tri-colour Ink Cartridge

For information on reference page output, visit [www.hp.com/go/pageyield](http://www.hp.com/go/pageyield).

### Recommended Papers\*

HP Glossy Photo Paper  
HP Advanced Photo Paper

For information on paper, visit [www.hp.com/apac/paper](http://www.hp.com/apac/paper).

\* Availability may vary by country and/or store. Please check with your retailer.

### Hewlett-Packard Offices

Australia	13 23 47
China	800 820 2255
Hong Kong	800 93 8833
India	3030 4499
	1800 425 4999
Indonesia	0800 1111 222
Korea	080 703 0700
Malaysia	1800 88 9886
New Zealand	0800 733 547
Philippines	1800 1441 6688
Singapore	1800 278 0182
Taiwan	0800 236 686
Thailand	(66-2) 353 9000
Vietnam	(84-8) 3920 5564

For the following countries, please fax your queries to: (65) 6275 6707

- Bangladesh • Bhutan • Brunei • Cambodia
- Maldives • Nepal • Pakistan • Sri Lanka

Visit us at [www.hp.com/apac/homeandoffice](http://www.hp.com/apac/homeandoffice).

### HP Total Care

At HP, great technology comes with HP Total Care. HP's broad portfolio of services, solutions and customer support provides expert help at every stage of your HP product experience.

Discover how HP Total Care help you make IT hassle free, visit [www.hp.com/apac/totalcare](http://www.hp.com/apac/totalcare).

For instant access to HP customer support online, visit [www.hp.com/support](http://www.hp.com/support).