HP DESKJET 2050
ALL-IN-ONE

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 the HP award-winning service & support.

ISO Speed[1]: Up to 5.5 ppm black; up to 4 ppm color
Scan: Up to 1200 x 1200 dpi
Copy: Up to 600 optimized dpi (from 300 dpi input)
Connectivity: 1 Hi-Speed USB 2.0
Paper Handling: 60-sheet input tray, 25-sheet output tray
Media Types Supported: Paper (brochure, inkjet, plain), photo paper, envelopes, labels, cards (greeting), transparencies
Media Sizes Supported: Letter, legal, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes

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.[2]
- Start right away with quick and easy installation, and print within a few seconds.

Count on dependable, affordable performance

- HP Deskjet—celebrating more than 20 years as the world's top-selling printer brand.[3]
- Get peace of mind with the one-year limited warranty and HP Total Care advice support.
- Rely on this all-in-one for dependable performance. It's tested to perform, even in extreme conditions.[4]

Reduce energy consumption and conserve resources

- Save energy with an ENERGY STAR® qualified all-in-one.
- Easily recycle HP Deskjet packaging—this product is shipped in 99% recyclable or reusable packaging.[5]
- Get free, easy recycling—cartridges returned through HP Planet Partners[6] are recycled responsibly.

ecoHIGHLIGHTS — HP DESKJET 2050 ALL-IN-ONE PRINTER

- Low energy: sleep mode is comparable with powering a clock radio.
- Recycle or reuse 99% of this packaging—including a reusable bag.
- Original HP 60 cartridges contain up to 70% recycled plastic.

ENERGY STAR® Qualified

www.hp.com/ecosolutions   Please recycle your computing hardware and printing supplies. Find out how at our website.

[1]Either after first page or after first set of ISO test pages. For details see: http://www.hp.com/go/printerclaims. [2]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. [3]Results are based on internal HP database results through 2008. [4]Emerging markets only. [5]Some small pieces of tape are not recyclable. [6]HP cartridge return and recycling is available in 49 countries and territories around the world, covering 88% of the addressable market; see http://www.hp.com/recycle for details.

TECHNICAL SPECIFICATIONS

AIO FUNCTIONS	Print, copy, scan
PRINT TECHNOLOGY	HP Thermal Inkjet
PRINT RESOLUTION	**Black (best):** Up to 600 dpi **Color (best):** Up to 4800 x 1200 optimized dpi (from 1200 dpi input data when printing from a computer on photo paper)
PRINT SPEED[1]	**ISO Speed:** Up to 5.5 ppm black; Up to 4 ppm color **Draft Speed:** Up to 20 ppm black; Up to 16 ppm color
SCAN TYPE	Flatbed
SCAN TECHNOLOGY	Contact Image Sensor (CIS)
SCAN INPUT MODES	Front-panel scan
COLOR SCANNING	Yes
SCAN RESOLUTION[2]	**Optical Scanning Resolution:** Up to 1200 dpi; **Hardware Scanning Resolution:** Up to 1200 x 2400 dpi; **Enhanced Scanning Resolution:** Up to 19,200 dpi
TWAIN VERSION	Version 1.9
BIT DEPTH	48-bit
SCAN SIZE MAXIMUM	Flatbed: 8.5 x 11.7 in
COPIER SETTINGS	Stand-alone copying
COPY RESOLUTION	**Black Text and Graphics:** Up to 600 optimized dpi (from 300 dpi input); **Color Text and Graphics:** Up to 600 optimized dpi (from 300 dpi input)
DUTY CYCLE (MONTHLY, LETTER)	Up to 1,000 pages
NETWORK CAPABILITIES	None
STANDARD CONNECTIVITY	1 Hi-Speed USB 2.0
WIRELESS CAPABILITY	No
NETWORK READY	None
STANDARD PRINTER LANGUAGES	HP PCL 3 GUI
MEDIA TYPES SUPPORTED	Paper (brochure, inkjet, plain), photo paper, envelopes, labels, cards (greeting), transparencies
PAPER HANDLING	60-sheet input tray, 25-sheet output tray; **Duplex Print Options:** Manual (driver support provided); **Input Capacities:** Up to 60 sheets letter/legal, Up to 15 sheets transparencies, Up to 10 sheets labels, Up to 20 sheets 4 x 6 Photo, Up to 20 sheets photo paper, Up to 40 cards, Up to 5 envelopes; **Output Capacities:** Up to 25 sheets letter/legal, Up to 10 sheets transparencies, Up to 10 sheets labels, Up to 20 cards, Up to 5 envelopes, Up to 20 sheets photo paper
MEDIA SIZES SUPPORTED	Letter, legal, 4 x 6 in, 5 x 7 in, 8 x 10 in, No. 10 envelopes
MEDIA WEIGHT RECOMMENDED	16 lb
ALIGNMENT	+/- 0.0002 in
COMPATIBLE OPERATING SYSTEMS	Microsoft® Windows® 7, Windows Vista®, Windows® XP (SP2) or higher (32-bit only), Mac OS X v 10.5 or v 10.6
MINIMUM SYSTEM REQUIREMENTS	**PC:** 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; **Mac:** Mac OS X v 10.5 or v 10.6, PowerPC G4, G5 or Intel Core processor, 256 MB RAM, 300 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port

OPERATING ENVIRONMENT	**Maximum Operating Range:** 41 to 104° F (5 to 40° C); **Recommended Operating Temperature:** 32 to 113° F (0 to 45° C); **Storage Temperature Range:** -40 to 140° F (-40 to 60° C); **Operating Humidity Range:** 5 to 80% RH (non-condensing) **Recommended Operating Humidity Range:** 5° C at 15% RH, 40° C at 5% RH, 40° C at 80% RH (non-condensing); **Non-operating Humidity Range:** 5 to 90% non-condensing
ACOUSTICS	**Acoustic Power Emissions:** 6.3 B(A) (printing at 6 ppm); **Acoustic Power Emissions (active, copy or scan):** 6.3 B(A) (copying at 6 ppm from flatbed); **Acoustic Pressure Emissions:** 50 dB(A) (printing at 6 ppm)
POWER[4]	External power supply; **Power Requirements:** Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Power Consumption:** 1.2 watts powersave, 2.3 watts standby, 0.3 watts off
PRODUCT DIMENSIONS (W X D X H)[5]	16.81 x 16 x 9.8 in (trays open); **Maximum:** 16.81 x 18.5 x 9.8 in (trays open and extended)
PRODUCT WEIGHT	7.94 lb (3.6 kg)
WARRANTY	World-class service and support. One-year technical phone support, one-year limited hardware warranty. Access to 24/7 award-winning support services through http://www.hp.com/support
WHAT'S IN THE BOX	HP Deskjet 2050 All-in-One - J510a, HP 61 Black Ink Cartridge (~ 190 pages), HP 61 Tri-color Ink Cartridge (~ 165 pages), Software CD, Setup Guide, power supply, power cord, Reusable Tote
REPLACEMENT CARTRIDGES[6]	HP 61 Black Ink Cartridge (~ 190 pages) HP 61 Tri-color Ink Cartridge (~ 165 pages); HP 61XL Black Ink Cartridge (~ 480 pages); HP 61XL Tri-color Ink Cartridge (~ 330 pages)
SERCVICES AND SUPPORT OPTIONS	HP 1-year Next Business Day Exchange, UG122E HP 2-Year Next Business Day Exchange, UG604E HP 3-Year Next Business Day Exchange, UG607E HP 4-Year Next Business Day Exchange, UH608E

ADDITIONAL INFORMATION

PRODUCT NUMBER	CH350A
COUNTRY OF ORIGIN	Product of China
MATERIAL TYPE CODE	FERT
PALLET	**Dimensions:** 48 x 40 x 101.18 in **Total Weight:** 1011 lb **Layers:** 7

FOR MORE INFORMATION VISIT OUR WEBSITE AT WWW.HP.COM

HP DESKJET 2050 ALL-IN-ONE Product Number: CH350A
ENERGY STAR® qualified models; see: http://www.hp.com/go/energystar