



HP LASERJET P2050 PRINTER SERIES

P2055d • P2055dn

Reduce your environmental impact and still get the print speeds and ease of use you require.

- Use less energy with intelligent features like Instant-on Technology.
- Conserve resources by reducing paper use and recycling cartridges at end of use.
- Make a difference by using simple tools to optimize your energy, paper, and supplies use.



HP's Design for the Environment initiative is driving improvements at every stage in the product lifecycle—helping reduce the amount of energy, paper, packaging, and materials used at HP and by our customers. Through smart design, we can reduce the environmental impact of our products, and of our customers.

Reduce energy consumption

Be ready to print in seconds. Instant-on Technology in the HP LaserJet P2050 Printer series provides up to 50 percent energy savings over traditional fusing while also enabling print jobs to begin quickly.¹

The printer is ENERGY STAR[®] qualified, which means you can help protect the environment without sacrificing features or performance. In addition, you'll save money by reducing energy costs.

Save resources

The printer's convenient auto-duplex feature preserves the resources needed to make paper and reduces your paper costs. The printer also supports 100 percent recycled paper. Use N-up printing to place multiple document pages on a single printed page—perfect for handouts and proof printing.

HP helps you recycle your print cartridges and hardware—it's easy and free with the HP Planet Partners program, available in over 50 countries and territories around the world.² All HP print cartridges and hardware returned to HP through Planet Partners are recycled to recover raw materials or energy. HP never refills or resells print cartridges, and never sends them to a landfill.

Minimize your carbon footprint

The HP Eco Solutions Print Console allows you to manage your printer's energy and paper-saving preferences right from your computer's desktop. Plus, get access to information about reducing your carbon footprint, recycling print cartridges through HP Planet Partners, and more. For a free download, visit www.hp.com/go/printconsole.

The EU RoHS (Restriction of Hazardous Substances) Directive restricts the use of certain substances (lead, mercury, cadmium, hexavalent chromium, and two flame retardants—PBB and PBDE) in electronic products. The LaserJet P2050 Printer series has achieved compliance with the EU RoHS regulations, while meeting our customers' expectations for performance, quality, and reliability.

ecoHIGHLIGHTS

HP LaserJet P2050 Printer series

ECO INFORMATION

- Reduce energy use by up to 50 percent with Instant-on Technology¹
- Reduce paper use by up to 50 percent using automatic two-sided printing
- Convenient cartridge and hardware recycling in over 50 countries



ENERGY STAR[®] Qualified Product

www.hp.com/ecosolutions

Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.



¹ Instant-on Technology uses cutting-edge fuser technology to produce the first page faster when a printer is coming out of low power mode so your print job is done sooner. An InfoTrends study shows the typical office print job is three to five pages long:

www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf. Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

² Program availability varies. HP printing supplies and hardware return and recycling is currently available in more than 50 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.

HP LASERJET P2050 PRINTER SERIES

- 1 150-sheet output bin
- 2 Adjustable 50-sheet multipurpose input tray 1 for specialty paper
- 3 250-sheet input tray 2
- 4 2-line, 16-character LCD control panel for simple and effective interaction
- 5 Automatic two-sided printing capability
- 6 Rear output door provides a straight-through path for specialty papers
- 7 Hi-Speed USB 2.0 port for direct-connect printing
- 8 HP Jetdirect Gigabit Ethernet print server for flexible networking (not included on the P2055d model)
- 9 128 MB of memory (64 MB on the P2055d model) and a 600 MHz processor perform complex tasks quickly

HP LaserJet P2055dn Printer shown



Front view



Rear view

Series at a glance



P2055d



P2055dn

	P2055d	P2055dn
Part number	CE457A	CE459A
50-sheet multipurpose tray 1	✓	✓
250-sheet input tray 2	✓	✓
500-sheet input tray 3	Optional	Optional
Automatic two-sided printing	✓	✓
HP Jetdirect Gigabit Ethernet networking	Optional	✓
ENERGY STAR qualified	✓	✓
Memory	64 MB (expandable up to 320 MB)	128 MB (expandable up to 384 MB)

Maintain **HIGH PRODUCTIVITY** with quick print speeds and simple device use and maintenance.

Compact, fast, and easy to use

Save valuable desktop space and enjoy convenient access to the printer with its sleek, space saving design. Reduce operation noise with the printer's Quiet mode.³ Get your documents and get back to work quickly with print speeds of up to 35 pages per minute (ppm), letter and 33 ppm, A4.

Efficiently utilize printing resources with fast, high speed connections via built-in Gigabit networking on the P2055dn model.

Safeguard your business with security capabilities that help protect devices and critical information on your network. Prevent unauthorized access with management features like 802.1X authentication and password protection (P2055dn model only).

Enjoy at-a-glance printer and supplies status and easily navigate printer functions with the intuitive 2 by 6 inch LCD control panel.

Maintain your printer more effectively and avoid unexpected down time. With intelligence built into the print cartridge, you'll receive alerts when supplies are low and should be reordered.

Get the most out of your printer with HP accessories, supplies, and services.

Upgrade the printer and share among multiple users with the HP Jetdirect ew2400 External Wireless Print Server.



J7951G

HP's print cartridges and toner are specifically designed to deliver consistent quality and reliable, trouble-free printing.



CE505A/CE505X

HP Services

Because downtime can have serious business consequences, HP provides high-quality services that extend beyond the standard warranty and help you avoid unbudgeted repair costs. Benefits include reduced printing and infrastructure costs, maximized uptime, expert technical phone support, and predictable, consistent service delivery—even across multiple locations.

Recommended services:

- **Next Day Onsite Service:** HP-employed service engineer or authorized support provider delivers service the next day after your call has been logged
- **Next Day Exchange Service:** The printer is replaced the day after it goes down with door-to-door pick-up and delivery

These services and additional coverage options can be purchased as:

- **HP Care Pack Services:** easy-to-buy, easy-to-use support packages
- **HP Contractual Services:** a comprehensive portfolio for maintaining maximum IT availability

HP also offers **HP Managed Print Services:** scalable assessment, procurement, implementation, management, maintenance, support, and workflow services.

For more information visit: www.hp.com/go/printservices.

Replacement print cartridges with HP Smart Printing Technology⁴

HP LaserJet Black Print Cartridge	CE505A
HP LaserJet High-Capacity Black Print Cartridge	CE505X

Paper handling

500-sheet input tray	CE464A
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Memory/storage

HP 32 MB DDR2 144-pin DIMM	CB420A
HP 64 MB DDR2 144-pin DIMM	CB421A
HP 128 MB DDR2 144-pin DIMM	CB422A
HP 256 MB DDR2 144-pin DIMM	CB423A
8 MB Flash/64 MB DDR2 combo 144-pin DIMM	CB456A

Connectivity

HP USB Hi-Speed printer cable (2-meter)	Q6264A
HP Wireless G USB Print Server	Q6301A
HP USB Network Print Adapter	Q6275A
HP Wireless Printing Upgrade Kit	Q6236A
HP Jetdirect en1700 External Print Server	J7988G
HP Jetdirect en3700 External Print Server	J7942G
HP Jetdirect ew2400 External Wireless Print Server	J7951G

Service and support

HP 2-year Return Hardware Service	UK923E
HP 3-year Return Hardware Service	UK924E
HP 2-year 1-time Replacement Service	UK925E
HP 3-year Pickup Return Service	UK926E
HP 1-year Next Business Day Exchange Service	UK927E
HP 2-year Next Business Day Exchange Service	UK928E
HP 3-year Next Business Day Exchange Service	UK929E
HP 1-year Next Business Day Hardware Support	UK930E
HP 2-year Next Business Day Hardware Support	UK931E
HP 3-year Next Business Day Hardware Support	UK932E
HP 1-year Post-warranty Return Hardware Service	UK933PE
HP 1-year Post-warranty 1-time Replacement Service	UK934PE
HP 1-year Post-warranty Next Business Day Exchange Service	UK935PE
HP 1-year Post-warranty Next Business Day Hardware Support	UK936PE

Paper

North America: www.hp.com/go/paper
Europe: www.hp.com/go/learnaboutsupplies
Asia Pacific: www.hp.com/apac/printingsupplies
Latin America: contact HP via phone:
USA: 1-800-477-5010, Europe: +800 7644 7644,
Asia: 65-6253-8500 Australia/New Zealand: 61-2997-2299LAR,
Brasil: sac 0800 70 300 70

Solutions

www.hp.com/go/gsc

³ When Quiet mode is selected, the printer operates at half speed.

⁴ Replacement cartridges: average black cartridge yield 2,300 standard pages for CE505A and 6,500 standard pages for CE505X. Declared yield values for replacement cartridges in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit www.hp.com/go/learnaboutsupplies.

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Technical specifications	HP LaserJet P2055d Printer (CE457A)	HP LaserJet P2055dn Printer (CE459A)
Print speed⁵	Up to 35 ppm, letter; up to 33 ppm, A4	
Document delivery speed	First page out: as fast as 8 seconds from Ready mode (letter/A4) Time To Completion for a typical office print job: as fast as 13 seconds, letter; as fast as 13.4 seconds, A4 ⁶	
Print resolution	Up to 1200 x 1200 dpi; HP FastRes 1200; HP ProRes 1200; Resolution Enhancement technology (RET)	
Processor	600 MHz	
Memory	64 MB (expandable up to 320 MB via 1 open 144-pin DIMM slot)	128 MB (expandable up to 384 MB via 1 open 144-pin DIMM slot)
Durability ratings	Recommended monthly volume: 750 to 3,000 pages; ⁷ Duty cycle: 50,000 pages ⁸	
Paper	50-sheet multipurpose tray 1, 250-sheet tray 2; Optional 500-sheet tray 3	
Input	150-sheet output bin	
Output	Automatic	
Two-sided printing	Automatic	
Sizes	Multipurpose tray 1: A4, A5, A6, B5; letter, legal, statement, executive, index cards, envelopes [No. 10 (Com), No. 7 3/4 (Monarch), C5, B5, DL]; custom: 76 x 127 mm (3 x 5 in) to 216 x 356 mm (8.5 x 14 in) Tray 2, optional tray 3: A4, A5, A6; letter, legal, executive; custom: 105 x 148 mm (4.1 x 5.8 in) to 216 x 356 mm (8.5 x 14 in) Automatic two-sided printing unit: A4; letter, legal	
Weights	Multipurpose tray 1 (straightthrough paper path for special media): 60 to 163 g/m ² (16 to 43 lb) Tray 2, optional tray 3: 60 to 120 g/m ² (16 to 32 lb) Automatic two-sided printing unit: 60 to 105 g/m ² (16 to 28 lb)	
Types	Paper (bond, light, heavy, plain, recycled, rough), envelopes, labels, cardstock, transparencies, heavy media	
Connectivity	One Hi-Speed USB 2.0 port	
Interfaces	One Hi-Speed USB 2.0 port, built-in HP Jetdirect Gigabit Ethernet networking	
Languages	HP PCL6, HP PCL5c, HP postscript level 3 emulation; automatic language switching	
Fonts	45 scalable TrueType fonts and 35 PostScript® fonts	
Client operating systems	Microsoft® Windows 2000 (driver only), Windows XP® Home, Windows XP Professional, Windows Server 2003 (driver only), Windows Vista®; Linux; UNIX®; Mac OS X v10.3.9, v10.4, v10.5	
Network operating systems	Windows 2000 (drivers only), XP Home, XP Professional, XP Professional x64 (drivers only), Windows Server 2003; Windows Vista; Windows Vista x64 (drivers only); Novell; Linux; UNIX; Mac OS X v10.3.9, v10.4.3, v10.5	
Network protocols	TCP/IP via HP Jetdirect print server	
Security	Firewall, Access Control List, Password protected EWS, SNMP v3, SSL/TLS (HTTPS), Certificate support, 802.1X authentication (EAP-TLS, PEAP, LEAP, EAP-FAST)	
Dimensions (width x depth x height)	365 x 368 x 268 mm (14.4 x 14.5 x 10.6 in)	
Weight (without print cartridge)	10.7 kg (23.6 lb)	
What's in the box	Printer, preinstalled HP LaserJet Black Print Cartridge, ⁹ Getting Started Guide, ¹⁰ CD (includes software and User Guide), power cord, support flyer, USB cable, ¹¹ warranty card ¹¹	
Also includes	Built-in HP Jetdirect Gigabit Ethernet networking	
Warranty	One-year, return to HP authorized service center; telephone and web support (varies according to region)	

Environmental ranges	Typical Electricity Consumption (TEC) 2.233 kWh/Week ENERGY STAR qualified models, see www.hp.com/go/energystar .	
Recommended temperature	17.5 to 25° C (63.5 to 77° F)	Safety approvals and requirements IEC 60950-1 (International), EN 60950-1+A11 (EU), IEC 60825-1+A1+A2, UL/cUL Listed (US/Canada), GS License (Europe), EN 60825-1+A1+A2 (Class 1 Laser/LED Device) GB4943-2001, Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
Storage temperature	-20 to 60° C (-4 to 140° F)	
Recommended relative humidity	30 to 70%	
Storage relative humidity	10 to 90%	
Altitude	Up to 4,000 m (up to 13,000 ft)	
Acoustics¹²		Electromagnetic emission standard CISPR 22: 2005/EN 55022: 2006 Class B, EN 61000-3-2: 2000+A2, EN 61000-3-3: 1995+A1, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-1998, EMC Directive 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries
Sound power	Active: 6.8 B(A); Ready: inaudible	
Bystander sound pressure	Active: 55 dB(A); Standby: inaudible	
Power specifications		
Power supply required	110 to 127 V (± 10 percent); 60 Hz (± 2 Hz) 220 to 240 V (± 10 percent); 50 Hz (± 2 Hz)	
Power consumption ¹³	Active: 570 watts; Ready: 8 watts; Sleep: 8 watts; Off: 0.4 watts	Supports HP SureSupply. ¹⁴ For more information, visit www.hp.com/go/SureSupply .

⁵ Speed specifications have been updated to reflect current industry testing methods.

⁶ Instant-on Technology uses cutting-edge fuser technology to produce the first page faster when a printer is coming out of low power mode so your print job is done sooner. An InfoTrends study shows the typical office print job is three to five pages long: www.infotrends.com/public/Content/Presentations/officeprinteruse.pdf. Time To Completion of a typical office print job tested on HP and select competing products. Actual results may vary.

⁷ HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

⁸ 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.

⁹ Included print cartridge (CE505A): average black cartridge yield 2,300 standard pages. Replacement print cartridges: average black cartridge yield 2,300 standard pages for CE505A and 6,500 standard pages for CE505X. Declared yield values for replacement cartridges in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit www.hp.com/go/learnaboutsupplies.

¹⁰ In Europe, Middle East, and Africa only.

¹¹ In Asia-Pacific only.

¹² Measured according to ISO 7779 and declared in accordance with ISO 9296; values are subject to change. For current information, see www.hp.com/support/lip2050series. Configuration tested: LJ P2055dn printing simplex on A4 paper.

¹³ Values subject to change. See www.hp.com/support/lip2050series for current information. Power numbers are the highest values measured using all standard voltages.

¹⁴ HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required.



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