



HP LaserJet P2050 Printer series

P2055d • P2055dn • P2055x



Do more and wait less with a compact black-and-white printer that's fast, reliable, and easy to use.

In addition to its radical simplicity, the HP LaserJet P2050 Printer series also enables high productivity through fast speeds, easy supplies and device manageability, and automatic two-sided printing.

Advanced features

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.

Work more productively with a printer that's easy to use and manage. Proactively manage your fleet of devices and utilize IT resources where they're most needed with HP Web Jetadmin. The HP Universal Print Driver lets you use a single driver to communicate directly with each HP device on your network and customize the user interface to show all available printer features.¹

Improves workteam productivity

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. Time To Completion for a typical office print job can be nearly two times faster with the Instant-on Technology built into this printer.²

Efficiently utilize printing resources with fast, high-speed connections via built-in Gigabit networking on the P2055dn and P2055x models. Quickly and easily connect the printer to your computer with the Hi-Speed USB 2.0 port.

Save time and conserve resources with automatic two-sided printing. Produce a broad range of business documents with just the right look and feel thanks to the printer's flexible paper handling.

Easy to set up, use, and manage

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.

¹ To download the free HP Universal Print Driver Series for Windows, visit www.hp.com/go/upd.

² 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.

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- 1 150-sheet output bin
- 2 Adjustable 50-sheet multipurpose input tray 1 for specialty paper
- 3 250-sheet input tray 2
- 4 500-sheet input tray 3 for a maximum input capacity of up to 800 sheets
- 5 Rear output door provides a straight-through path for specialty papers
- 6 2-line, 16-character LCD control panel for simple and effective interaction
- 7 Automatic two-sided printing capability
- 8 Hi-Speed USB 2.0 port for direct-connect printing
- 9 HP Jetdirect Gigabit Ethernet print server for flexible networking
- 10 128 MB of memory and a 600 MHz processor perform complex tasks quickly

HP LaserJet P2055x Printer shown



Front view



Rear view

Series at a glance



P2055d



P2055dn



P2055x

	P2055d	P2055dn	P2055x
Part number	CE457A	CE459A	CE460A
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	√	√
Memory	64 MB (expandable up to 320 MB)	128 MB (expandable up to 384 MB)	128 MB (expandable up to 384 MB)

Easy to use and maintain, this printer is also easy on the environment.

High-quality output and design

Produce professional documents with clear, sharp text; extremely fine, precise line placement; and high-quality images with smooth grayscales and deep blacks. HP ProRes 1200 provides the best quality text and images for those who require the highest resolution. Save valuable desktop space and enjoy convenient access to the printer with its sleek, space saving design. Reduce operation noise with the printer's unique Quiet mode.³

Improves your printing experience

Replenish the paper tray less often with the 50-sheet multipurpose tray and 250-sheet standard input tray, for a 300-sheet total input capacity on the P2055d and P2055dn models. Experience even fewer interruptions when you add the optional 500-sheet input tray, standard on the P2055x model.

The all-in-one print cartridge is designed for simplicity, incorporating the toner, engaging mechanism, and imaging drum in one supply—so you refresh the printer every time an Original HP print cartridge is installed.

Quickly and accurately process complex print jobs with the printer's 600 MHz processor and 64 MB memory on the P2055d model (expandable up to 320 MB) and 128 MB memory on the P2055dn and P2055x models (expandable up to 384 MB).

Environmentally responsible

Reduce your energy use. Instant-on Technology in HP LaserJet devices provides up to 50 percent energy savings over traditional fusing while providing a first page out in seconds. HP estimates that Instant-on Technology has reduced emissions by 5.25 million tons of CO₂ to date—the equivalent of removing 1.1 million cars from the road for one year.⁴

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



J7951G

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



CE505A/CE505X

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

HP Support Services

The cost of printer downtime

For many organizations, the ability to print anything, anytime, anywhere at affordable costs is important to business operations. Because HP LaserJet printers are central to business success, HP provides high-quality services beyond the standard warranty.

Benefits

- Reduce printing infrastructure costs
- Maximize uptime
- Expert technical phone support
- Predictable, consistent service delivery across multiple locations

Choose, depending on your location:

- Next Day Exchange Service—a unit is shipped to you overnight; you send the damaged unit back
- Return Service—take unit into depot
- Next Day Onsite Service—technician-delivered onsite service the next business day after the service call.

These options are available as **HP Care Pack Services** or **HP Contractual Services**. **HP Managed Print Services** provide everything from devices and toner cartridges, to installation, management, maintenance, and support.

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

Replacement print cartridges HP Smart Printing Technology⁵

HP LaserJet Black Print Cartridge (2,300 standard pages)	CE505A
HP LaserJet High-Capacity Black Print Cartridge (6,500 standard pages)	CE505X

Paper handling

500-sheet input tray	Q5931A
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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/supplies;
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 The tons of CO₂ avoided is based on power plant emissions that otherwise would occur to generate the electricity saved; cars removed is based on annual emissions from cars burning gasoline.

⁵ 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)	HP LaserJet P2055x Printer (CE460A)
Print speed⁶	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 ⁷		
Print resolution	Up to 1200 by 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; ⁸ Duty cycle: 50,000 pages ⁹		
Paper			
Input	50-sheet multipurpose tray 1, 250-sheet tray 2	50-sheet multipurpose tray 1, 250-sheet tray 2, 500-sheet tray 3	
Output	150-sheet output bin		
Two-sided printing	Automatic		
Sizes	Multipurpose tray 1: A4, A5, A6, B5; letter, legal, statement, executive, index cards, envelopes [No. 10 (Com), No. 7 ¾ (Monarch), C5, B5, DL]; custom: 76 by 127 mm (3 by 5 in) to 216 by 356 mm (8.5 by 14 in) Trays 2 and 3: A4, A5, A6; letter, legal, executive; custom: 105 by 148 mm (4.1 by 5.8 in) to 216 by 356 mm (8.5 by 14 in) Automatic two-sided printing unit: A4, letter, legal		
Weights	Multipurpose tray 1 (straight-through paper path for special media): 60 to 163 g/m ² (16 to 43 lb) Trays 2 and 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			
Interfaces	One Hi-Speed USB 2.0 port	One Hi-Speed USB 2.0 port, built-in HP Jetdirect Gigabit Ethernet networking	
Languages and fonts	HP PCL6, HP PCL5c, HP postscript level 3 emulation; automatic language switching; 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), Certified for 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 (w by d by h)	365 by 368 by 268 mm (14.4 by 14.5 by 10.6 in)		
Weight (includes print cartridge)	10.7 kg (23.6 lb)		
What's in the box	Printer, preinstalled HP LaserJet Black Print Cartridge, ¹⁰ Getting Started Guide, ¹¹ CD (includes software and User's Guide), power cord, support flyer, USB cable, ¹² warranty card ¹²		
Also includes		Built-in HP Jetdirect Gigabit Ethernet networking	Built-in HP Jetdirect Gigabit Ethernet networking, 500-sheet input tray 3
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 degrees C (63.5 to 77 degrees F)		Certifications Safety 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 degrees C (-4 to 140 degrees F)		
Recommended relative humidity	30 to 70 percent		
Storage relative humidity	10 to 90 percent		
Altitude	Up to 4,000 m (up to 13,000 ft)		
Acoustics¹³	EMC 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	Works with HP SureSupply. To learn more, visit www.hp.com/learn/suresupply		
Required input voltage	110 to 127 V (± 10 percent); 60 Hz (± 2 Hz) 220 to 240 V (± 10 percent); 50 Hz (± 2 Hz)		
Power consumption ¹⁴	Active: 570 watts Ready: 8 watts	Sleep: 8 watts Off: 0.4 watts	

⁶ Speed specifications have been updated to reflect current industry testing methods.

⁷ 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.

⁸ 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.

⁹ 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.

¹⁰ 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.

¹¹ In Europe, Middle East, and Africa only.

¹² In Asia-Pacific only.

¹³ 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/lpj2050series. Configuration tested: LJ P2055dn printing simplex on A4 paper.

¹⁴ Values subject to change. See www.hp.com/support/lpj2050series for current information. Power numbers are the highest values measured using all standard voltages.



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