

HP LaserJet P2050 Printer series

Technical specifications	HP LaserJet P2055d Printer (CE457A)	HP LaserJet P2055dn Printer (CE459A)
Print speed¹	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 ²	
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; ³ Duty cycle: 50,000 pages ⁴	
Paper		
Input	50-sheet multipurpose tray 1, 250-sheet tray 2	
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 3/4 (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 (straightthrough 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, ⁵ Getting Started Guide, ⁶ CD (includes software and User's Guide), power cord, support flyer, USB cable, ⁷ warranty card ⁷	
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 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)	
Acoustics⁸	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	
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 ⁹	Active: 570 watts Ready: 8 watts	Sleep: 8 watts Off: 0.4 watts

¹ Speed specifications have been updated to reflect current industry testing methods.

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.

³ 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.

⁴ 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.

⁵ 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/learnaboutsplies.

⁶ In Europe, Middle East, and Africa only.

⁷ In Asia-Pacific only.

⁸ 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.

⁹ 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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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.

Replacement print cartridges HP Smart Printing Technology¹⁰

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	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	Q6302A
HP USB Network Print Adapter	Q6275A
HP Wireless Printing Upgrade Kit	Q6259A
HP Jetdirect en1700 External Print Server	J7988G (TBC)
HP Jetdirect en3700 External Print Server	J7942G (TBC)
HP Jetdirect ew2400 External Wireless Print Server	J7951G (TBC)

Service and support

HP 2-year Return Hardware Service	UK923E
HP 3-year Return Hardware Service	UK924E
HP 2-year Next Business Day Exchange Service	UK928E
HP 3-year Next Business Day Exchange Service	UK929E
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 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

¹⁰ 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.