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.

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**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.

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.

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1 To download the free HP Universal Print Driver Series for Windows, visit [www.hp.com/go/upd](http://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](http://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.
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
4 500-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

Series at a glance

<table>
<thead>
<tr>
<th></th>
<th>P2055d</th>
<th>P2055dn</th>
<th>P2055x</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part number</td>
<td>CE457A</td>
<td>CE459A</td>
<td>CE460A</td>
</tr>
<tr>
<td>50-sheet multipurpose tray 1</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>250-sheet input tray 2</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>500-sheet input tray 3</td>
<td>Optional</td>
<td>Optional</td>
<td>✔️</td>
</tr>
<tr>
<td>Automatic two-sided printing</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>HP Jetdirect Gigabit Ethernet networking</td>
<td>Optional</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Memory</td>
<td>64 MB (expandable up to 320 MB)</td>
<td>128 MB (expandable up to 384 MB)</td>
<td>128 MB (expandable up to 384 MB)</td>
</tr>
</tbody>
</table>
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 Technology 5
• 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

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 J9788G
• HP Jetdirect en3700 External Print Server J9742G
• HP Jetdirect ew2400 External Wireless Print Server J9791G

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

Solutions
www.hp.com/go/solutions

Notes:
1. When Quiet mode is selected, the printer operates at half speed.
2. 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.
3. 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 are 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.
HP LaserJet P2050 Printer series

Technical specifications

<table>
<thead>
<tr>
<th>HP LaserJet P2055d Printer (CE457A)</th>
<th>HP LaserJet P2055dn Printer (CE459A)</th>
<th>HP LaserJet P2055x Printer (CE460A)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Print speed</strong></td>
<td>Up to 35 ppm, letter; up to 33 ppm, A4</td>
<td>Up to 35 ppm, letter; up to 33 ppm, A4</td>
</tr>
<tr>
<td><strong>Document delivery speed</strong></td>
<td>First page out: as fast as 6.5 seconds from Ready mode (letter/A4)</td>
<td>First page out: as fast as 7.5 seconds from Ready mode (letter/A4)</td>
</tr>
<tr>
<td><strong>Time To Completion</strong></td>
<td>for a typical office print job: as fast as 13 seconds, letter; as fast as 13.4 seconds, A4 ²</td>
<td>for a typical office print job: as fast as 13 seconds, letter; as fast as 13.4 seconds, A4 ²</td>
</tr>
<tr>
<td><strong>Print resolution</strong></td>
<td>Up to 1200 by 1200 dpi; HP FastRes 1200; HP Resolution Enhancement Technology (RET)</td>
<td>Up to 1200 by 1200 dpi; HP FastRes 1200; HP Resolution Enhancement Technology (RET)</td>
</tr>
<tr>
<td><strong>Processor</strong></td>
<td>600 MHz</td>
<td>600 MHz</td>
</tr>
<tr>
<td><strong>Memory</strong></td>
<td>64 MB (expandable up to 320 MB via 1 open 144-pin DIMM slot)</td>
<td>128 MB (expandable up to 384 MB via 1 open 144-pin DIMM slot)</td>
</tr>
<tr>
<td><strong>Durability ratings</strong></td>
<td>Recommended monthly volume: 750 to 3,000 pages;¹ Duty cycle: 50,000 pages⁹</td>
<td>Recommended monthly volume: 750 to 3,000 pages;¹ Duty cycle: 50,000 pages⁹</td>
</tr>
<tr>
<td><strong>Paper</strong></td>
<td>50-sheet multipurpose tray 1, 250-sheet tray 2</td>
<td>50-sheet multipurpose tray 1, 250-sheet tray 2, 500-sheet tray 3</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td>150-sheet output bin</td>
<td>150-sheet output bin</td>
</tr>
<tr>
<td><strong>Two-sided printing</strong></td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td><strong>Sizes</strong></td>
<td>Multipurpose tray 1: A4, A5, A6, B5, letter, legal, statement, executive, index cards, envelopes [No. 10 (Com), No. 7 ½ (Monarch), C5, B5, DL]; 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)</td>
<td>Automatic two-sided printing unit: A4, letter, legal</td>
</tr>
<tr>
<td><strong>Weights</strong></td>
<td>Multipurpose tray 1 (straight through paper path for special media): 60 to 163 g/m² (16 to 43 lb)</td>
<td>Trays 2 and 3: 60 to 120 g/m² (16 to 32 lb)</td>
</tr>
<tr>
<td><strong>Paper</strong></td>
<td>500-sheet input tray 3</td>
<td>500-sheet input tray 3</td>
</tr>
<tr>
<td><strong>Connectivity</strong></td>
<td>One Hi-Speed USB 2.0 port</td>
<td>One Hi-Speed USB 2.0 port, built-in HP Jetdirect Gigabit Ethernet networking</td>
</tr>
<tr>
<td><strong>Interfaces</strong></td>
<td>HP PCL6, HP PCL5c, HP postscript level 3 emulation; automatic language switching; 45 scalable TrueType fonts and 35 PostScript fonts</td>
<td>HP PCL6, HP PCL5c, HP postscript level 3 emulation; automatic language switching; 45 scalable TrueType fonts and 35 PostScript fonts</td>
</tr>
<tr>
<td><strong>Client operating systems</strong></td>
<td>Windows 2000 (driver only), Windows XP Professional, Windows Server 2003 (driver only), Centrivity for Windows Vista; Linux; UNIX®; Mac OS X v10.9.5, v10.4, v10.5</td>
<td>Windows 2000 (driver only), Windows XP Professional, Windows Server 2003 (driver only), Centrivity for Windows Vista; Linux; UNIX®; Mac OS X v10.9.5, v10.4, v10.5</td>
</tr>
<tr>
<td><strong>Network protocols</strong></td>
<td>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 v10.9.3, v10.4.3, v10.5</td>
<td>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 v10.9.3, v10.4.3, v10.5</td>
</tr>
<tr>
<td><strong>Dimensions (w by d by h)</strong></td>
<td>365 by 308 by 268 mm (14.4 by 12.1 by 10.6 in)</td>
<td>365 by 308 by 268 mm (14.4 by 12.1 by 10.6 in)</td>
</tr>
<tr>
<td><strong>Weight (includes print cartridge)</strong></td>
<td>10.7 kg (23.6 lb)</td>
<td>10.7 kg (23.6 lb)</td>
</tr>
<tr>
<td><strong>What’s in the box</strong></td>
<td>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 card¹²</td>
<td>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 card¹²</td>
</tr>
<tr>
<td><strong>Also includes</strong></td>
<td>Built-in HP Jetdirect Gigabit Ethernet networking</td>
<td>Built-in HP Jetdirect Gigabit Ethernet networking, 500-sheet input tray 3</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>One-year, return to HP authorized service center; telephone and web support (varies according to region)</td>
<td>One-year, return to HP authorized service center; telephone and web support (varies according to region)</td>
</tr>
</tbody>
</table>

Environmental ranges

| **Recommended temperature** | 17.5 to 25 degrees C (63.5 to 77 degrees F) | 15.5 to 32 degrees C (59.9 to 89.6 degrees F) |
| **Recommended relative humidity** | 30 to 70 percent | 30 to 80 percent |
| **Storage relative humidity** | 10 to 90 percent | 10 to 90 percent |
| **Altitude** | Up to 4,000 m (up to 13,000 ft) | Up to 2,000 m (up to 6,562 ft) |

Acoustics¹³

- Sound power: Active: 6.8 B(A); Ready: inaudible
- Bystander sound pressure: Active: 55 dB(A); Standby: inaudible

Power specifications

- Required input voltage: 110 to 120 V ± 10 percent; 60 Hz ± 2 Hz
- 220 to 240 V ± 10 percent; 50 Hz ± 2 Hz
- Power consumption¹⁴: Active: 570 watts; Sleep: 8 watts; Off: 0.4 watts

Typical Electricity Consumption (TEC): 2.233 kWh/Week

ENERGY STAR® qualified models, see www.hp.com/go/energystar

Certifications

- Energy Star: IEC 60950-1, 1995+A1, EN 60950-1+A1, EN 60950-1+A1+A2, UL/cUL Listed (US/Canada), GS License (Europe), EN 60950-1+A1+A2 (Class 1 Laser/IED Device) GB4930-2001, Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
- Works with HP SureSupply. To learn more, visit www.hp.com/learn/suresupply

¹ Speed specifications have been updated to reflect current industry testing methods.
² InstantOn 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
³ Configuration tested: LJ P2055dn printing simplex
⁴ Speed specifications may vary based on supplies replacement intervals and device life over an extended warranty period.
⁵ HP recommends that the number of 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.
⁶ 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.
⁷ 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.
⁸ Declared yield values for replacement cartridges in accordance with ISO/IEC 19752. Actual yields may vary considerably based on images printed and other factors. For more information, visit www.hp.com/go/learnaboutsupplies.
⁹ In Europe, Middle East, and Africa only.
¹⁰ In Asia/Pacific only.
¹¹ 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/lp2050series. Configuration tested: LJ P2055dn printing simplex on A4 paper.
¹² Values subject to change. See www.hp.com/support/lp2050series for current information. Power numbers are the highest values measured using all standard voltages.