



hp LaserJet 4550
printers

environmental data

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hewlett-packard company
imaging solutions for the workgroup
POB 15
Boise, ID USA 83707-0115

product description

Models: HP LaserJet 4550 (C7085A), HP LaserJet 4550N (C7086A),
HP LaserJet 4550DN (C7087A), HP LaserJet 4550HDN (C7088A),

Weight: 50.8 kg (HP LaserJet 4550 and 4500N); 73 kg (HP LaserJet 4550DN and 4500HDN)
Height: 390 cm (HP LaserJet 4550 and 4500N); 567 cm (HP LaserJet 4550DN and 4500HDN)
Width: 500 cm (HP LaserJet 4550 and 4500N); 500 cm (HP LaserJet 4550DN and 4500HDN)
Depth: 570 cm (HP LaserJet 4550 and 4500N); 708 cm (HP LaserJet 4550DN and 4500HDN)
(Measurements provided are for a non-packaged system)

product environmental certifications/labels

This product conforms to the following voluntary environmental program requirements:

- ENERGY STAR®

other features

HP has designed this product with the following additional features to help the user conserve resources:

- Automatic Two-Sided Printing (auto-duplex unit)—saves paper
- N-Up Printing—saves paper
- Draft Quality Printing Option—saves toner

extension of lifetime

Standard Warranty: 1 years
Extended Warranty: 3-5 years optional (HP Support Pack)
Spare Parts Available: 5 years after end of production
Service Available: 5 years after end of production

The product can be upgraded, or its useful life extended as follows:

- Expandable Memory (up to 192 MB)
- Optional Network Connectivity
- Optional Accessories (auto-duplex unit, 500-sheet input tray, EIO disk drive, fast infrared communication receiver, and printer cabinet)

operational data

Operational Mode: 4ppm full color, 16ppm monochrome

Energy Consumption:

Sleep:	35 W (Per U.S. EPA ENERGY STAR Test Guidelines)
Off:	1 W
Operation:	300 W (color), 490 W (monochrome)
Idle/Ready/Standby:	150 W

Acoustical Noise: (declared sound power (L_{wAd}) per ISO 7779/ISO 9296)

Operation:	6.6 bels
Idle:	5.4 bels
Sleep:	inaudible

Chemical Emissions:

(Per RAL-UZ 85, Annex 3,4,5)

Ozone	Operation: <0.003 mg/m ³ TLV/MAK=0.2 mg/m ³
Styrene	Operation: 0.013 mg/m ³ TLV/MAK=85 mg/m ³
Dust	Operation: 0.15 mg/m ³ TLV=10mg/m ³ inhalable particulate, 3mg/m ³ respirable particulate; MAK=6mg/m ³

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists.

MAK (Maximale Arbeitsplatz Konzentration): Maximum workplace concentration in the Federal Republic of Germany.

Note: Tests are conducted using HP supplies. Use of other than HP supplies may affect results.

product restricted materials

The restricted materials information in this section applies to the specified compound as a constituent of all parts, components, materials or products sold by HP. See the "Other Materials," "Batteries," and "Packaging Materials" sections for information about additional product content restrictions.

- Asbestos is not present in parts, components, materials or products.
- Cadmium is not used as a stabilizer, coloring agent or surface coating treatment. The total concentration of cadmium in parts, components, materials or products is ≤ 50 mg/kg.
- Lead carbonates or sulfates are not used in any paint applied to parts, components or products.
- Mercury is not present in any part, material, component or product including, but not limited to, switches, relays or electrical contacts. This mercury restriction does not apply to lamps containing <10mg mercury.
- Chlorofluorocarbons (CFCs), halons, HCFCs, HBFCs, 1,1,1 trichloroethane, carbon tetrachloride or methyl bromide are not present in any parts, components, materials or products.
- Chlorinated or brominated dioxins or furans are not present at a concentration that is currently prohibited by law for the sale of this product.
- Polychlorinated biphenyls (PCB) or polychlorinated terphenyls (PCT) are not present in parts, components, materials or products.

other materials

- Plastic parts do not contain polybrominated biphenyls (PBBs) or polybrominated biphenyl ethers (PBBEs), also known as polybrominated biphenyl oxides (PBBOs).
- Housing plastics are 89% (by weight) free of brominated flame-retardants. Housings with brominated flame-retardants are needed for meet fire-safety considerations.

disassembly/ end-of-life

This HP product is designed for disassembly and to provide end-of-life disposal options by:

- Using common fasteners
- Including snap-in features
- Marking plastic parts > 25g according to ISO 11469
- Eliminating glues from product construction

batteries

1. This product does not contain batteries.

packaging materials

- Packaging materials do not contain any amount of lead, mercury, cadmium or hexavalent chromium as an intentionally added element. The sum concentration of incidental lead, mercury, cadmium and hexavalent chromium in the packaging for this product is less than 100mg/kg.
- No chlorofluorocarbons (CFCs), halons, HCFCs, HBFCs, 1,1,1 trichloroethane, carbon tetrachloride or methyl bromide are used in plastic foam packaging materials.

Corrugate/Paper	Weight: 13.5 kg
Polypropylene-Foam	Weight: 0.89 kg
Polyethylene-Bag(s)	Weight: 0.20 kg
Other	Weight: 0.13 kg

- Plastic packaging materials are marked according to ISO 11469 and/or DIN 6120 standards.
- HP customers in European Union (EU) countries who wish to recycle HP product packaging should return it to local packaging recovery schemes. Some larger HP offices also accept HP product packaging* from customers in countries or areas without local packaging recovery schemes. Contact your local HP sales office for more information.

* This does not include packaging that is contaminated or contains dangerous substances, which should be disposed of in accordance with local regulations.

take back information

Hewlett-Packard offers end-of-life HP product return programs in certain geographic areas. To determine if a program is available for this HP product in your area, please contact your nearest HP sales office. Products returned to HP will be reused, recycled or disposed of in a responsible manner.

hp supplies

- Hewlett-Packard supplies or service kits do not contain CFCs, halons, HCFCs, HBFCs, 1,1,1 trichloroethane, carbon tetrachloride or methyl bromide.
- Material Safety Data Sheets (MSDS) for many HP printer supplies are available at <http://www.hp.com/go/msds>
- Environmental datasheets for many HP printer supplies are available at http://www.hp.com/hpinfo/community/environment/pr_prodsafe.htm
 - End-of-Life Return Programs
 - HP Planet Partners LaserJet Consumables Recycling Program information at <http://www.hp.com/ljsupplies>
- Print Media
 - Hewlett-Packard printers are designed to use certain types of recycled content paper. Check the user manual for recycled paper specifications.
 - HP Papers do not contain virgin wood fibers derived from old-growth forests.
 - HP Transparency Films do not contain PVC.

company information

- **Environmental Policy**

Hewlett-Packard Company established an environmental policy in 1992 with the goals of providing products and services that are environmentally sound throughout their lifecycles and to conduct its operations worldwide in an environmentally responsible manner.

- **ISO 14001**

HP has committed to achieve third-party certification of its environmental management system under a single ISO 14001 certificate covering companywide manufacturing operations by December 31, 2000.

- **Ozone-Depleting Substances**

Hewlett-Packard has eliminated all manufacturing process uses of chlorofluorocarbons (CFCs), HBFCs, halons, 1,1,1 trichloroethane (TCA), carbon tetrachloride and methyl bromide, and we require suppliers to avoid using these chemicals in manufacturing processes.

for more information

Find out more at <http://www.hp.com/go/environment>

The information presented in this document is based largely on the recommendations made by the ECMA Standardizing Information and Communication Systems Technical Committee 38, Technical Report 70, and is believed accurate and reliable for operating HP LaserJet 4550 printers, including recommended maintenance and use of supplies and accessories that meet all requirements and recommendations presented in the user/service manuals. Data are the most current available to Hewlett-Packard at the time of preparation and is issued as a matter of information only. No warranty as to accuracy or completeness is expressed or implied. The information in this document is subject to change without notice.

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