



hp color LaserJet
4550 series



data sheet

designed for:

business professionals who want to communicate more effectively using high-quality, professional-looking color documents

performance

- Fast 233 MHz processor and upgradeable memory provides improved printing performance for the most complex color files
- Optional hard disk drive, enables RIP Once technology for faster multiple original prints at engine speed, saving you time and money
- HP PCL 6, PCL 5c, and PostScript 3 emulation for enhanced performance and better color accuracy
- 4 pages per minute (ppm) color and 16 ppm black and white output for professional, quality documents quickly

high-quality output

- True 600 x 600 dpi with HP ImageREt 2400 for crisp text, bold graphics, and vivid images
- Automatic color calibration for consistent, reliable color quality
- HP ColorSmart II, industry standard sRGB, and improved Pantone color matching for more predictable color printing

internet-enabled

- Utilize tools such as the embedded web server or HP Web JetAdmin for remote printer configuration and management
- HP smart print supplies system offers everything from continuous toner level sensing to on-line order assistance
- Superior networking with new HP JetDirect EIO internal print servers for reduced network traffic and internet-enabled printing
- Job status alerts notify users of printing interruptions and job completion via their computer

flexibility

- HP Fast InfraRed accessory allows walk-up printing using a laptop or digital camera with InfraRed capabilities
- Job retention features allow walk-up capabilities such as quick copy, proof and hold, private printing, and electronic document storage from the front control panel
- Accessible architecture allows development of HP Color LaserJet third-party solutions

hp color LaserJet 4550

- 4 ppm color; 16 ppm black and white
- 233 MHz processor
- HP ImageREt 2400 resolution for professional-looking documents
- HP PCL 6, PCL 5c and PostScript 3 emulation
- Memory expansion up to 192 MB
- Up to 35,000 pages per month duty cycle
- HP JetSend enabled



hp color LaserJet 4550

- 64 MB memory
- 150-sheet paper tray
- 250-sheet paper tray
- Internet-enabled

hp color LaserJet 4550n

- 64 MB memory
- 150-sheet paper tray
- 250-sheet paper tray
- HP JetDirect 610N EIO 10/100Base-TX internal print server
- Internet-enabled with embedded web server

hp color LaserJet 4550dn

- 128 MB memory
- 150-sheet paper tray
- 250-sheet paper tray
- 500-sheet paper tray
- HP JetDirect 610N EIO 10/100Base-TX internal print server
- Internet-enabled with embedded web server
- Automatic duplex unit

hp color LaserJet 4550hdn

- 128 MB memory
- 150-sheet paper tray
- 250-sheet paper tray
- 500-sheet paper tray
- HP JetDirect 610N EIO 10/100Base-TX internal print server
- Internet-enabled with embedded web server
- Automatic duplex unit
- 5 GB hard disk drive

Every office is different. This is why we offer you the ability to customize a select model with the capabilities to meet your business needs.

optional accessories

5 GB EIO disk drive

- Control printing of confidential documents with private PIN printing
- Produce multiple original prints at the control panel without returning to the PC
- Send and hold multiple copies of a document at the printer to proof one copy before releasing the entire job
- Store shared documents on the printer

fast infrared receiver

- Allows walk-up printing from a mobile device without physically connecting it to the printer

automatic duplex unit

- Enables printing on both sides of a page for more creative output formats, such as booklet printing
- Saves you money by reducing paper usage

500-sheet input tray

- Increases input capacity to a maximum of 900 sheets
- Allows printing on multiple media types from different trays
- Improves productivity by increasing paper capacity and reducing user intervention
- Handles paper sizes A5 through legal

hp JetDirect EIO internal print servers

- Support Fast Ethernet, Ethernet, LocalTalk, and Token Ring networks

printer cabinet

- Convenient storage area for supplies and media
- Frees up additional work space
- Allows mobility for optimal printer location

communicate



connect



internet-enabled printer management

HP helps you become more proactive with complete HP services and solutions, saving you money and time. Manage your printing needs either remotely through the internet or utilizing tools, such as the embedded web server or HP Web JetAdmin.

simplified management and communication with network printers

- Remotely view the status of your printers
- Control and change the configuration of multiple printers at one time
- Receive printer problem alerts via email saving you time and keeping your mission critical printers running smoothly
- Track assets, analyze usage patterns, and track page counts using third-party solutions

minimize maintenance of supply inventory and simplify the order process

- Reduce printer down-time with continuous toner level sensing and toner low alerts
- Assistance with on-line reordering of supplies

problem resolution and cost savings

- Access to web links for easy, guided problem solving
- Remote upgrades of HP JetDirect internal print servers

professional color documents

The HP Color LaserJet 4550 Series provides you all the features and capabilities you need for producing professional documents that communicate effectively and efficiently.

- Automatic Pantone calibration for optimal color matching of specific Pantone colors
- ImageREt 2400 for photographic results
- New OHT color tables for high-quality transparency output
- Variety of HP media types to meet your business needs
- Low total cost of ownership with uncompromised color and black and white documents

network protocol support

IPX/SPX

- Novell NetWare v3.20, 4.1x, 5.x
- Novell NDPS and NEPS
- Microsoft Windows 95,98,NT 4.0, 2000

Ethertalk

- Mac OS 7.1 or greater (except J3112A Token Ring)

DLC/LLC

- IBM OS/2 Warp v3.0, 4.0
- Microsoft Windows NT v3.51, 4.0
- Artisoft LANtastic v7.0

TCP/IP

- HP-UX v10.2, 11.x
- SunOS v4.1.x
- Solaris v2.5x, 2.6, 7
- IBM OS/2 Warp v3.0, 4.0
- IBM AIX v3.2.5 and later
- Microsoft Windows 95, 98, NT v4.0, 2000
- MPE-iX
- Mac OS 8.1 or greater
- Redhat Linux v6.x
- SUSE Linux v6.x
- Apple System 7.5.1 and later

hp web jetadmin printer management software

- Supports the following network server environments: Windows 2000, Macintosh, Novell Netware, Windows NT, Unix (HP-UX and Solaris), and Linux
- Simplifies remote installation, monitoring and troubleshooting
- Features advanced auto-discovery, multiple device configuration, page count tracking, grouping, mapping, and e-mail alerts

hp web jetadmin implementation

HP Web JetAdmin implementation service will tailor and implement the advanced features of HP Web JetAdmin to your network environment, providing well-integrated solution and more immediate benefits to you.

For further information on hp services visit us at www.printservices.hp.com

technical specifications

hp color LaserJet 4550 series

general features

4 ppm color; 16 ppm black and white
233 MHz processor
HP ImageREt 2400 resolution for professional-looking documents
HP PCL 6, PCL 5c, and PostScript 3 emulation
Memory expansion up to 192 MB
Up to 35,000 pages per month duty cycle
HP JetSend enabled

resolution

True 600 x 600 dpi engine
HP ImageREt 2400
HP ColorSmart II provides automatic half-toning and color control based on data type
Industry standard sRGB color management
Automatic color calibration

paper handling

Standard 150-sheet and 250-sheet input trays; optional 500-sheet input tray
Standard output trays: 250 pages face-down; 100 pages face-up through a separate straight-through paper path
Input trays/capacities/media sizes:
Tray #1—150-sheet capacity; 3 x 5 inch through legal and up to ten #10 envelopes
Tray #2—250-sheet capacity; A5 through legal
Tray #3—500-sheet capacity; A5 through legal
Paper input-level indicator
"Output full" sensor

control panel

Backlit 2 x 16 display with rocker switches to go forward or reverse through the menus
Expanded help messages are available on control panel, providing easy-to-follow instructions for resolving problems or replacing supplies
"Toner low" and "Toner out" messages for each color cartridge
Go and Cancel Job buttons

font capabilities

80 scaleable TrueType fonts
HP FontSmart software provides simple font management Intellifont and TrueType rasterizer built into HP PCL 6

environmental ranges

Operating temperature: 15° to 30° C (59° to 86° F)
Storage temperature: -20° to 40° C (-4° to 104° F)
Operating humidity: 10% to 80% RH
Storage humidity: 10% to 95% RH

acoustics

Operating position: $L_{pAm} = 56$ dB (A) printing, $L_{pAm} = 44$ dB (A) Idle
Bystander position: $L_{pAm} = 51$ dB (A) printing, $L_{pAm} = 39$ dB (A) Idle
Sound power: $L_{WAd} = 6.6$ Bels (A) printing, $L_{WAd} = 5.4$ Bels (A) Idle

power requirements

Source: 100 to 127 volts ($\pm 10\%$), 50/60 Hz (± 2 Hz) or 220 to 240 volts ($\pm 10\%$), 50/60 Hz (± 2 Hz)
Printer's voltage ranges depend upon the country in which the printer is purchased

power consumption:

Printing: 470 watts average
Standby (ready state): 140 watts
ENERGY STAR compliant
Powersave mode: <45 watts
Off mode: <2 watts
Minimum Circuit Capacity:
120 volts @ 16 amps or 220 volts @ 7.1 amps

dimensions (w x h x d)

HP Color LaserJet 4550 and 4550n: 19.7 x 15.4 x 22.4 in (500 x 390 x 570 mm)
HP Color LaserJet 4550dn and 4550hdn: 19.7 x 22.3 x 27.9 in (500 x 567 x 708 mm)

weight

HP Color LaserJet 4550 and 4550n: 112 lb (50.8 kg)
HP Color LaserJet 4550dn and 4550hdn: 162.5 lb (73 kg)

product certifications

UL and cUL Listed, Nom-NYCE approved, and carries CE marking for EU EMC and Low Voltage Directives. Complies with IEC 60950/EN 60950 and IEC 60825-1/EN 60825-1 (Class 1 Laser Product/LED product); meets FCC and CISPR-22 Level A limits

warranty

One-year HP onsite warranty

ordering information

number	description
C7085A	HP Color LaserJet 4550 printer
C7086A	HP Color LaserJet 4550n printer
C7087A	HP Color LaserJet 4550dn printer
C7088A	HP Color LaserJet 4550hdn printer

service and support

H3113A/E	HP Support Pack—3-year next-day onsite
H3118A/E	HP Support Pack—3-year 4-hour onsite
H4577A/E	HP Support Pack—3-year same-day advanced maintenance service
H4423A/E	HP Support Pack—3-year next-day advanced maintenance service
H4515A/E	HP Support Pack—1-unit installation service
H4516A/E	HP Support Pack—2–5-units next-day onsite
H2872A/E	HP Support Pack—1-unit installation service with network configuration
H4442A/E	HP Support Pack—2–5-units installation service with network configuration

supplies and accessories

memory

C4286A	2 MB Flash DIMM
C7848A	64 MB SDRAM DIMM
C7850A	128 MB SDRAM DIMM

media

HPM1120	HP multipurpose paper 20 lb, letter
HPJ1124	HP LaserJet paper 24 lb, letter
C4179A	HP LaserJet soft gloss paper
C2934A	HP Color LaserJet transparencies

accessories

J6054A	5 GB EIO hard disk drive
C4103A	Fast infrared receiver
C4083A	Automatic duplex unit
C4082A	500-sheet input tray
C4235A	HP printer cabinet

supplies

C4195A	Drum kit
C4196A	Transfer kit
C4197A	Fuser kit (110 volt)
C4198A	Fuser kit (220 volt)

hp JetDirect EIO internal print servers

J4169A	Fast Ethernet, Ethernet 10/100Base-TX
J3110A	Ethernet 10Base-T
J3111A	Ethernet 10Base-T, 10Base2 and LocalTalk
J3112A	Token Ring

toner cartridges

C4191A	Black	(9,000 page yield)*
C4192A	Cyan	(6,000 page yield)*
C4193A	Magenta	(6,000 page yield)*
C4194A	Yellow	(6,000 page yield)*

*Based on 5% average coverage

For more information visit our website at: www.hp.com/go/clj4550

HP peripherals, personal computers, supplies and accessories are available at authorized HP resellers worldwide. In North America, call for the authorized HP reseller nearest you:

United States: 1-800-243-9812 Canada: 1-800-387-3867

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