hp color LaserJet 4600 series

data sheet

The HP Color LaserJet 4600 series printers and HP smart printing supplies are a simple, reliable, and affordable way to add high-quality, high performance, and high-speed color laser printing to your business. These powerful printers expand along with your business and can be shared over a network. Their ease of use, flexible options, and superior print quality make them the printers of choice for any office looking for an affordable solution to its business color printing needs.

performance

- print color as fast as black-and-white—80 to 90 percent of all documents print at speeds of 17 pages per minute (ppm), letter/16 ppm A4; using a 400 MHz processor with up to 416 MB RAM (96 MB standard on base, dn/160 MB on dtn, hdn) the first page is printed in 17.5 seconds or less from "ready" state
- single solution for the entire office—robust networking from best-in-class hp jetdirect 10/100Base-TX EIO networking card (optional on 4600 base model)
- hp technology produces dynamic, cost-effective printing—the toner transfers directly from the print cartridges to the paper, making printing more efficient
- superior print quality—cartridges use second generation toner formulas

easy to use

- intuitive operation eliminates costly training—the graphical control panel displays text and animated graphics to make troubleshooting and configuration quick and easy
- low user intervention keeps you productive—reduce interaction time with a simple paper path to reduce jamming and multiple paper trays that provide a maximum paper input capacity of 1,100 sheets (standard on 4600dtn/4600hdn models)
- simple to add and manage on your network—hp web jetadmin printer software guarantees easy installation, configuration, and management of multiple hp LaserJet printers across a network

hp reliable

- prevent costly downtime—hp smart printing supplies enable status monitoring via the graphical control panel and proactive alert messages, Internet-enabled supplies ordering, and convenient remote troubleshooting*
- easily manage multiple printers from a single location—embedded Web server and hp web jetadmin software makes remote management simple and convenient
- flexible media options add to your productivity—save media and page space by choosing a bundle with auto-duplexing which allows for double-sided printing (dn, dtn, and hdn bundles only) or an additional 500-sheet paper tray for greater media flexibility (included with dtn and hdn)

* Certain features only available when using HP genuine supplies.

HP printing and imaging systems help you create powerful, professional communications easily. Printers, supplies, accessories, and services are designed to work together and meet your business needs.

hp color LaserJet 4600 series

color LaserJet 4600
- 96 MB RAM
- 400 MHz processor
- three open EIO slots
- 100-sheet multipurpose tray
- 500-sheet feeder tray

color LaserJet 4600dn
- 96 MB RAM
- 400 MHz processor
- HP jetdirect 615n Fast Ethernet (10/100Base-TX) internal print server)
- embedded Web server and hp web jetadmin software
- 100-sheet multipurpose tray
- 500-sheet feeder tray
- auto-duplexing

color LaserJet 4600dtn
- 160 MB RAM
- 400 MHz processor
- jetdirect 615n Fast Ethernet (10/100Base-TX) internal print server)
- two open EIO slots
- embedded Web server and hp web jetadmin software
- 100-sheet multipurpose tray and two 500-sheet feeder trays
- auto-duplexing

color LaserJet 4600hdn
- 160 MB RAM
- 400 MHz processor
- 10 GB hard disk drive
- HP jetdirect 615n Fast Ethernet (10/100Base-TX) internal print server)
- one open EIO slots
- embedded Web server and hp web jetadmin software
- 100-sheet multipurpose tray and two 500-sheet feeder trays
- auto-duplexing

technical specifications

hp color LaserJet 4600 series
96 MB RAM expandable to 416 MB
400 MHz processor
duty cycle: 85,000 pages per month
print speed: 17 pages per minute letter
first page out: 17.5 sec (Ready)/18.4 sec (Powersave/2min (cold start))
resolution: 600 x 600 dpi, ImageREt 2400 (Resolution Enhancement Technology)

connectivity
color LaserJet 4600: IEEE 1284-compliant bidirectional parallel port
color LaserJet 4600dn, 4600dtn 4600hdn: IEEE 1284-compliant bidirectional parallel port, 2 open EIO internal print server slots (standard); HP Jetdirect 615n (EIO) internal print server in one EIO slot

paper handling
input trays: tray 1 (multi-purpose): 100-sheet capacity; tray 2: 500-sheet; tray 3: 500-sheet (optional on 4600 and 4600dn models)
output tray: 250-sheet capacity
media sizes: letter, legal, executive, tabloid, no. 10 envelopes
tray 1: 3 x 5 in (76 x 127 mm) to 8.5 x 14 in (216 x 356 mm)
tray 2: 5.83 x 8.27 (182 x 210 mm) in to 8.5 x 14 in (216 x 356 mm)
tray 3: 5.83 x 8.27 (182 x 210 mm) in to 8.5 x 14 in (216 x 356 mm)
media type: paper (plain, glossy, recycled), envelopes, transparencies, labels, and card stock

printer language
HP PCL 6, HP PCL 5e, PostScript® 3 emulation

operating systems supported
Microsoft® Windows® 95, 98, Me, NT® 4.0, 2000, XP, Mac® OS 9.0 and higher)

network compatibility
Microsoft Windows NT 4.0, 2000, XP 32-bit

font capabilities
80 built-in scalable PCL, 80 internal PostScript

environmental ranges
operating temperature: 63 to 77° F (17 to 25° C)
supplies storage temperature: 32 to 95° F (0 to 35° C)
operating humidity: 30 to 70% RH (10 to 80% RH allowed)
supplies storage humidity: 35 to 85% RH for 2.5 years maximum

acoustics
printing operating position: 6.5 dB(A)
printing bystander position: 51 dB(A)
sound power: 65 dB(A)

power requirements
source:100 to 240 VAC (±10%), frequency: 50/60 Hz (±3 Hz)

power consumption
printing: 426 watts maximum (110 volts); 430 watts (220 volts) maximum
standby (ready state): 34 watts (110 volts); 36 watts (220 volts) maximum Energy Star® compliant
powersave mode: 30 watts (110 volts); 0 watts (220 volts) maximum
off mode: 0 watts (110 volts); 0 watts (220 volts)

warranty
one-year on-site warranty

dimensions/weight
color LaserJet 4600, 4600dn: 19.0 x 21.6 x 22.8 in (483 x 549 x 579 mm)*/88.4 lbs (40.2 kg) with supplies
color LaserJet 4600dtn, 4600hdn: 19.0 x 21.6 x 26.3 in (483 x 549 x 668 mm)*/105 lb (47.7 kg) with supplies
* measure at base and maximum height

contents
printer; four print cartridges, CD with software, electronic user's guide, printed getting started guide, power cord

ordering information

C9660A	HP color LaserJet 4600 printer
C9661A	HP color LaserJet 4600dn printer
C9662A	HP color LaserJet 4600dtn printer
C9663A	HP color LaserJet 4600hdn printer

print cartridges

C9720A	black print cartridge
C9721A	cyan print cartridge
C9722A	yellow print cartridge
C9723A	magenta print cartridge

media

HPJ1124	HP LaserJet paper, 500 sheets, letter size
HPM1120	HP Multipurpose paper, 500 sheets, letter size
HPE1120	HP LaserJet recycled paper, 500 sheets, letter size
C2934A	HP color LaserJet transparencies, 50 sheets, letter size
C4179	HP LaserJet soft gloss paper 200 sheets, letter size
Q1298A	HP LaserJet tough paper letter size
HPU1132	HP Premium choice LaserJet paper, 500 sheets, letter size
HPJ1124	HP LaserJet paper, 500 sheets, letter size

accessories

interface and cables

C2946A	parallel cable, 2-meter IEEE 1284-C cable
92215SA	Macintosh DIN-8 printer cable
92215N	HP LocalTalk cable kit

memory

C9665A	4 MB Flash DIMM
C7848A	64 MB SDRAM DIMM
C7850A	128 MB SDRAM DIMM
C9653A	256 MB SDRAM DIMM

network

J6057A	HP jetdirect 615n Fast Ethernet (10/100Base-TX) internal print server
J6058A	HP jetdirect 680n 802.11b wireless internet print server
J4167A	HP jetdirect 610n token ring internal print server
J3111A	HP jetdirect 600n Ethernet (10Base-T, 10Base2) & LocalTalk internal print server
J3110A	HP jetdirect 600n Ethernet (10Base-T) internal print server
J4135A	HP jetdirect Connectivity Card for USB, Serial, and LocalTalk connections

service and support

H3118E	HP Supportpack, 3-year, same-day, onsite
H3113A	HP Supportpack, 3-year, next-day, onsite

accessories and maintenance kits

J6054B	HP EIO hard disk (10 GB)
C9664A	500-sheet feeder w/tray
C9667A	printer stand
C9724A	Image fuser kit
C9725A	image fuser kit

for more information

For more information on the HP color LaserJet 4600 series, visit our Web site at www.hp.com and click on products and services. Here you will find information on products, supplies, and accessories for all computing needs. HP peripherals, personal computers, supplies and accessories are available at authorized HP resellers worldwide.