

HP Color LaserJet 4650 printer series



Enjoy outstanding colour laser printing that increases productivity with easy and reliable network performance for workgroups. Print colour documents at up to 22 ppm, with the added benefits of two-sided printing and a high paper input capacity.

Ideal for high-speed sharing via a network, the HP Color LaserJet 4650 series printer is designed for workgroups of up to 20 users in small, medium and corporate sized businesses who need a proven performer that is flexible, reliable, cost-effective and easy to install, use, manage and support.



HP Color LaserJet 4650

Experience fast colour LaserJet printing from this proven high performance printer.

- Get to work with no delay! A fast power cycle calibrates the printer quickly which reduces start-up time.
- With a first page out in just 15 seconds you will never wait long for your documents.
- A high-powered 533 MHz processor and up to 544 MB of memory lets you print complex documents with images and graphics effortlessly.
- For projects that can't wait HP Smart printing technology lets you continue printing a limited number of pages with the black cartridge when any colour cartridge runs out.



HP Color LaserJet 4650n

Expect great results every time with high quality colour documents which make an impact.

- Create superior colour documents with the combination of HP Imageret 3600, a proprietary printing technology system and chemically-grown toner which yield smooth colour transitions, crisp text, and sharp images.
- Get optimal and professional results for your glossy brochures as the printer's Image Mode is optimised for printing on HP High Gloss LaserJet Paper.
- Print without worry as the quality and reliability of HP Color LaserJet printing ensure your documents print successfully, every time.



HP Color LaserJet 4650dn

Enjoy flexibility and ease of use with this HP Color LaserJet printer that fits your business needs.

- Share high performance with the HP Jetdirect 620n Fast Ethernet print server¹ or add wireless printing².
- Automatically produce professional two-sided documents³.
- Minimise intervention with an input capacity of 1,600 sheets⁴ and enjoy media flexibility as the printer handles heavy media up to 200 g/m² and includes adjustable paper trays.
- An intuitive control panel gives you supply status at a glance.
- Save time and effort with easy, front-door access and only four supplies to order and replace.



HP Color LaserJet 4650dtn

¹Optional with the HP Color LaserJet 4650 printer

²With the optional HP Jetdirect 680n internal print server or an HP Bluetooth adapter

³Standard with the HP Color LaserJet 4650dn, 4650dtn, and 4650hdn printers

⁴Standard with the HP Color LaserJet 4650hdn printer



HP Color LaserJet 4650hdn

Technical specifications

Print technology	Black/colour: up to 22 ppm. Colour on A4 transparency: up to 3 ppm First page out black/colour: 15 seconds, warm-up time: 1 min Exact speed varies depending on the system configuration, software application, driver, and document complexity
Processor	533 MHz, RISC Processor
Memory	Standard: HP Color LaserJet 4650/n/dn printer: 128 MB. HP Color LaserJet 4650dtn/hdn printer: 256 MB, expandable to 544 MB. Optional: 20 GB hard drive (J6073A)
Print technology	In-Line colour laser printing technology, direct-to-page printing
Print quality	Black: 600 dpi native resolution; 6-bit pulse; 2-bit position; colour: up to 600 x 600 dpi
Print resolution	HP Imageret 3600
Printer languages	HP PCL 5c, HP PCL 6, PostScript 3 emulation
Typefaces/fonts	80 TrueType internal scalable in PCL, 80 TrueType internal scalable in PS
Duty cycle	Up to 85,000 pages per month
Print margins (A4)	Top: 5 mm, left: 5 mm, right: 5 mm, bottom: 5 mm
Media handling	Input Weight Size Tray 1 Multipurpose tray: 60 to 200 g/m ² 76.2 x 127 mm to 216 x 356 mm; Letter, legal, executive, A4, A5, B5 (JIS), executive (JIS), DPostcard (JIS), 16k, envelopes (No. 10, Monarch, C5, DL, B5) 148 x 210 mm to 216 x 356 mm; Letter, legal, executive, A4, A5, B5 (JIS), executive (JIS), 16K, and custom media Tray 2 Trays 2, 3, 4: 60 to 105 g/m ² Output: Sheets: 250-sheet face-down output bin, envelopes: up to 30, transparencies: up to 200
Duplex printing	HP Color LaserJet 4650dn/dtn/hdn printer: automatic (standard)
Media types	Tray 1 multipurpose: paper (plain, glossy, coloured, preprinted, letterhead, recycled, HP Tough and High Gloss Laser), envelopes, transparencies, labels, cardstock; Tray 2, 3, 4: paper (plain, glossy, recycled), transparencies
Interface and connectivity	HP Color LaserJet 4650 printer: IEEE 1284-C compliant bidirectional parallel port, USB 1.1 port, wireless connectivity, auxiliary port, 3 open EIO slots. HP Color LaserJet 4650n/dn/dtn printer: base plus HP Jetdirect 620n print server. HP Color LaserJet 4650hdn printer: base plus HP Jetdirect 620n print server, hard drive. Optional: HP Jetdirect 620n 10/100Base-TX internal print server, HP Jetdirect EIO print servers for Ethernet (10Base-T, 10Base2), 802.11b wireless Ethernet Token Ring, LocalTalk, Bluetooth
Operating systems compatibility	Microsoft® Windows® (3.1x, 95, 98, Me, NT 4.0, 2000, XP), Mac OS (8.6 and higher), OS/2, UNIX, Linux; basic printing support for DOS Optional: Microsoft® Windows® 98, Me, NT 4.0, 2000, XP 32-bit, Server 2003 (32-bit); Novell® NetWare 3.2, 4.2, 5.x, 6; Apple Mac OS 9.x and later; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris™ 2.5x, 2.6, 7, 8 (SPARC systems only); IBM® AIX 3.2.5 and later (requires software from the NOS vendor); MPE-iX; for more information, refer to http://www.hp.com/support/net_printing . Compatible network protocols: TCP/IP, IPX/SPX, AppleTalk (not supported on Token Ring print servers), DLC/LLC, IP Direct Mode, LPD, FTP Printing, IPP, NDS, Bindery, NCP, NDPS, iPrint, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP. Note: Not all protocol and operating system combinations are supported. Advanced security with: SNMP v3, SSL/TLS (HTTPS) Optional: Apple Mac OS 8.6 and later
Network operating systems compatibility	Microsoft® Windows® 98, Me, NT 4.0, 2000, XP, XP 64-Bit, 2003 Server; Apple Mac OS 8.6 and later; Novell® NetWare 3.2, 4.2, 5.x, 6; Red Hat Linux 6.x and later; SuSE Linux 6.x and later; HP-UX 10.20, 11.x; Solaris™ 2.5x, 2.6, 7, 8 (SPARC systems only); IBM® AIX 3.2.5 and later (requires software from the NOS vendor); MPE-iX; for more information, refer to http://www.hp.com/support/net_printing . Compatible network protocols: TCP/IP, IPX/SPX, AppleTalk (not supported on Token Ring print servers), DLC/LLC, IP Direct Mode, LPD, FTP Printing, IPP, NDS, Bindery, NCP, NDPS, iPrint, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP, HTTP. Note: Not all protocol and operating system combinations are supported. Advanced security with: SNMP v3, SSL/TLS (HTTPS) Optional: Apple Mac OS 8.6 and later
Minimum system requirements	Windows® 98: Pentium® 90 processor with 16 MB RAM; Windows Me: Pentium 150 processor with 32 MB RAM; Windows NT® 4.0: Pentium 90 processor with 32 MB RAM; Windows 2000, XP: 300 MHz processor with 64 MB RAM; Windows Server 2003, Standard Edition: 550 MHz processor with 128 MB RAM; 220 MB of free hard disk space (Euro and America); 250 MB of free hard disk space (Asia only); CD-ROM drive or Internet connection Mac OS 9.0, 9.0.4, 9.1, 9.2 with 96 MB RAM; Mac OS X v 10.1 and later with 128 MB RAM
Control panel	LCD backlit panel display with up to 4 lines of text and animated printer graphics, 3 LED status lights, Menu button, Stop button, Help button, Up/Down/Back scroll arrow buttons, Select button (check mark)
Printer management	HP Web Jetadmin, HP Embedded Web Server, printer status and alerts, HP Toolbox
Power requirements	Input voltage 220 to 240 VAC (± 10%), 50/60 Hz (± 2 Hz); 110 to 127 VAC (± 10%), 50/60 Hz (± 2 Hz)
Power supply	Single internal supply
Dimensions (w x d x h) (out of package/packaged)	HP Color LaserJet 4650/n/dn printer: 456 x 480 x 566 mm/798 x 645 x 820 mm. HP Color LaserJet 4650dtn printer: 456 x 480 x 654 mm/798 x 645 x 1045 mm. HP Color LaserJet 4650hdn printer: 460 x 645 x 1035 mm/798 x 645 x 1500 mm.
Weight (out of package/packaged)	HP Color LaserJet 4650/n/dn printer: 36.3 kg/60 kg; HP Color LaserJet 4650dtn printer: 43.8 kg/ 76.93 kg; HP Color LaserJet 4650hdn printer: 65.8 kg/97 kg.
Operating environment	Environmental ranges: Operating temperature: 10 to 30° C, recommended operating temperature: 17 to 25° C, operating humidity: 10 to 80% RH, recommended operating humidity: 30 to 70% RH, storage temperature: 0 to 35° C, storage humidity: <10 and >80% RH. Noise level per ISO 9296: sound power: LwAd 6.5 B(A), sound pressure: LpAm 56 dB(A)
Certifications	Safety certifications: Czech Republic (CSN-IEC 60950-IEC 60825-1), Estonia (EEI-EN60950-IEC 60825-1), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TUV-EN60950-IEC 60825-1), Hungary (MEEI-IEC 60950-IEC 60825-1), Lithuania (LS-IEC 60950-IEC 60825-1), Poland (B Mark-IEC 60950-IEC60825-1), (Russia (GOST-R50377), Slovakia (IEC 60950-IEC60825-1), Slovenia (SQH-IEC 60950-EN60825-1), South Africa (IEC 60950-IEC60825-1). EMC certifications: EMC: CISPR 22: 1997/EN 55022: 1998 Class B; EN 61000-3-2: 1995/A14; EN 61000-3-3: 1995; EN 55024: 1998; FCC Title 47 CFR, Part 15 Class B/CES-003, Issue 3/GB9254-1998, GB17625.1-1998; EMC Directive 89/336/EEC, the Low Voltage Directive 73/23/EEC, and carries the CE-Marking accordingly. Energy Star®
Warranty	One-year next-day on-site warranty

Ordering information

Q3668A	HP Color LaserJet 4650 printer, 4 print cartridges (1 each black, cyan, magenta, yellow), Software and User's Guide on CD-ROM, Getting Started Guide, power cord, IEEE 1284-C parallel cable, 128 MB DDR RAM memory (160 MB total system memory)
Q3669A	HP Color LaserJet 4650n printer includes same as Q3668A plus: 10/100 network card
Q3670A	HP Color LaserJet 4650dn printer includes same as Q3669A plus: duplexer
Q3671A	HP Color LaserJet 4650dtn printer includes same as Q3670A plus: 500-sheet feeder, 128 MB additional DDR RAM memory (288 MB total system memory)
Q3672A	HP Color LaserJet 4650hdn printer includes same as Q3671A plus: hard drive
Accessories	
C9667A	HP Color LaserJet 4600 Printer Stand
Q3673A	500-sheet input tray
Q3674A	Two 500-sheet paper feeder assembly
Cables	
C6518A	HP USB Cable – 2 m
C2946A	HP IEEE 1284-compliant Bidirectional Parallel Cable, 3 m
92125S	HP Serial Printer Cables
Memory	
Q2630A	128 MB (DDR) SDRAM memory
Q2631A	256 MB (DDR) SDRAM memory
Supplies	
C9720A	HP Color LaserJet smart print cartridge, black (up to 9,000 pages*)
C9721A	HP Color LaserJet smart print cartridge, cyan (up to 8,000 pages*)
C9722A	HP Color LaserJet smart print cartridge, yellow (up to 8,000 pages*)
C9723A	HP Color LaserJet smart print cartridge, magenta (up to 8,000 pages*)
*Based on 5% coverage	
Small format media	
Q2414A	HP Premium Cover Paper, A4 (100 sheets)
Q2421A	HP High-gloss Laser Paper, A4 (200 sheets)
CHP423	HP Premium Choice Laser Paper 250 shts/ream 6 rm/carton
Connectivity	
J7934A	HP Jetdirect 620n internal print server
J6058A	HP Jetdirect 680n wireless internal print server (EIO – 802.11b)
J6072A	HP BT1300 Bluetooth® Wireless Printer Adapter (for USB or parallel)
Service & support	
H3112A/E	2 year – next business day on-site
H3113A/E	3 year – next business day on-site

<http://www.hp.com>

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