HP Color LaserJet 4700
Printer series

Enhance your productivity with this superior workgroup printer. It delivers solid performance and outstanding print quality. Now you can brighten up your documents with brilliant, high impact colour that's fast and easy to achieve.

HP Color LaserJet
4700/n/dn Printer

HP Color LaserJet
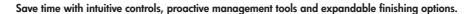4700dtn Printer

HP Color LaserJet
4700ph+ Printer

Managed workgroups with higher volume printing needs in enterprise and small and medium businesses who require high performance A4 colour for their professional business document printing.

Delivers professional print quality at speed, with vibrant colour images, photos and crisp text.

- Get superb, true colour laser print quality with no compromise on speed at up to 30 ppm for mono and colour.
- Excellent print quality is assured with HP's new ColorSphere toner which makes colours look even brighter and more vivid.
- Enhanced Imageret 3600 technology helps your documents look their best with more refined colour contrast, more realistic images and excellent photo quality for business.
- Receive consistent colour output with intelligent, conveniently timed calibrations.

Get solid, top-of-the-line performance and reliability in an HP printer designed for workgroups.

- Get more done with fast printing speeds up to 30 ppm for mono and colour, two-sided printing[1] at full speed and a first page out in under 10 seconds thanks to HP's instant-on technology which reduces warm-up time.
- This reliable workgroup printer is designed to handle more users and greater volume, with expandable memory and a printing engine that's built to last.
- No need to sacrifice speed for superb results. Just select "print" for brilliant print quality that's output fast and hassle free.

Save time with intuitive controls, proactive management tools and expandable finishing options.

- Be more productive. Simply scale up with four 500-sheet trays to an amazing 2,600 sheets[2] maximum input capacity which means fewer interruptions.
- Get professional results quickly with the stapler/stacker unit[3] which holds 750 sheets, staples sets of up to 30 sheets, and performs job offset, separating each print job.
- Proactively manage your printer and save valuable IT time with HP Web Jetadmin Software which lets you remotely install, configure and manage networked printers easily.

[1] Automatic two-sided printing unit is standard on the HP Color LaserJet 4700dn, 4700dtn, and 4700ph+ only.
[2] Standard input is 600 sheets on the HP Color LaserJet 4700, 4700n, and 4700dn. To reach the maximum capacity of 2,600 sheets requires the purchase of 4 additional 500-sheet trays. The 4700dtn comes standard with 1,600 sheets and is still expandable with the purchase of two additional trays. The 4700ph+ comes standard with the maximum number of sheets.
[3] Stapler/stacker unit is standard on the HP Color LaserJet 4700ph+ only. It is available as an optional (not included, sold separately) accessory on the HP Color LaserJet 4700dn and 4700dtn.

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Technical specifications

Print technology	In-line colour laser
Print speed at best print quality	Black/colour: up to 30 ppm; transparency: up to 4 ppm First page out: 10 sec from "Ready", 16.5 sec from "Powersave", 142 sec from "Cold start" Exact speed varies depending on the system configuration, software application, driver, and document complexity.
Processor	533 MHz MIPS processor
Print quality	HP Imageret 3600 with up to 600 dpi (high resolution laser imaging system, accurate print mechanism, superior image enhancements, intelligent colour control, adaptive gloss finish, smart printing supplies with HP ColorSphere Toner)
Memory	Standard: **4700/n:** 128 MB DDR RAM + 32 MB internal flash memory; **4700dn/dtn:** 256 MB DDR RAM + 32 MB internal flash memory; **4700ph+:** 512 MB DDR RAM + 32 MB internal flash memory; **4700/n/dn/dtn:** expandable to 544 MB through 1 available DDR SODIMM slot, 2 available flash memory card slots for fonts or third party solutions using Memory Enhancement technology (MEt)
Duty cycle	Up to 100,000 pages per month
Printer languages	Standard: HP PCL 6, HP PCL 5c, HP Postscript Level 3 Emulation, direct PDF printing
Typefaces/fonts	93 internal TrueType fonts scalable in HP PCL and HP Postscript Level 3 Emulation; additional font solutions available via flash memory

Media handling

	Input	Capacity	Weight	Size
	Tray 1	100 sheets 60 transparencies 20 envelopes	60 to 220 g/m²	A4, A5, B5 (JIS), envelopes (DL, C5, B5), 76 x 127 to 216 x 356 mm
	Tray 2-5	500 sheets	60 to 120 g/m²	A4, A5, B5 (JIS)

Output: Up to 500 sheets (4700ph+: up to 750 sheets),
Duplex: Automatic, 30 images per minute (standard with the 4700dn/dtn/ph+; 4700/n not upgradeable, manual duplex available)
Duplex media size: A4, B5
Duplex media weight: 120 g/m²

Print margins (mm)	Top: 5 mm, left: 5 mm, right: 5 mm, bottom: 5 mm
Interface and connectivity	Standard: **4700:** IEEE 1284-C compliant bi-directional parallel port, 1 USB 2.0 port, 1 auxiliary port, 1 accessory port; **4700n/dn/dtn:** as base plus HP Jetdirect Embedded Print Server; **4700ph+:** as base plus HP Jetdirect Embedded Print Server, HP EIO hard disk, 40 GB 2 open EIO slots on all bundles
Operating systems compatibility	Drivers included: Windows® 98, 2000, Me, XP Home, XP Professional, XP Professional x64 Edition, Server 2003; Mac OS 9.x or higher; Mac OS X v 10.1 or higher Driver download: OS/2, UNIX®, Linux, HP OpenVMS Current HP printer drivers and software can be obtained from the HP Customer Care web site, http://www.hp.com/support/clj4700
Network operating systems compatibility	Via HP Jetdirect print servers: Microsoft® Windows® (NT 4.0, 98, 2000, Me, XP Home, XP Professional, XP 64-bit, XP Professional x64 Edition, Server 2003); Mac OS (8.6 or higher); Novell™ NetWare 3.2, 4.2, 5.x, 6.x (NDPS); Red Hat Linux 6.x, 7.x; SuSE Linux 6.x; HP-UX 10.20, 11.x; Solaris™ 2.5x, 2.6, 7, 8 (SPARC systems only); IBM® AIX 3.2.5 or higher; MPE-iX; Citrix MetaFrame; Windows Terminal Services Compatible network protocols*: TCP/IP (IP Direct Mode; may require software from the NOS vendor or third party vendor: LPD, FTP, IPP), IPX/SPX, DLC/LLC, AppleTalk, Auto-IP, Apple Rendezvous compatible, NDS, Bindery, NCP, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP v 1, 2c and 3, HTTP (with standard HP Jetdirect Embedded Fast Ethernet Print Server) *Not all protocol and operating system combinations are supported. For more information, refer to http://www.hp.com/go/jetdirect
Minimum system requirements	Windows® 98: Pentium® 90, 16 MB RAM; Windows Me: Pentium 150, 32 MB RAM; Windows 2000: 133 MHz processor, 64 MB RAM; Windows XP: 233 MHz processor, 64 MB RAM; Windows Server 2003 (standard edition): 550 MHZ processor, 128 MB RAM; 220 MB of free hard disk space, CD-ROM drive or Internet connection, IEEE 1284-compliant bidirectional parallel port, USB 1.1 port, USB 2.0 port Mac OS 9, Mac OS X v 10.2 or higher: 160 MB available hard disk space, CD-ROM drive, USB port
Standard software	Print drivers and installation software on CD-ROM (HP PCL 6, HP PCL 5c, HP Postscript Level 3 Emulation, Macintosh software, PostScript Printer Description)
Control panel	LCD backlit panel display with up to 4 lines of text and animated graphics. 3 LED status lights. Menu, Select, Stop, Back/Exit buttons.
Power requirements	Input voltage 100 to 127 VAC (± 10%), 50/60 Hz (± 2 Hz); 220 to 240 VAC (± 10%), 50/60 Hz (± 2 Hz)
Power consumption	0.3 watts maximum (off), 18 watts maximum (sleep), 66 watts maximum (ready), 623 watts maximum (printing)
Dimensions (w x d x h) (out of package/packaged)	**4700/n:** 521 x 598 x 582 mm/813 x 661 x 853 mm; **4700dn:** 521 x 598 x 628.6 mm/813 x 661 x 853 mm; **4700dtn:** 630 x 715 x 1010.6 mm/1200 x 1000 x 936 mm; **4700ph+:** 630 x 715 x 1375.5 mm/1200 x 1000 x 1363 mm
Weight (out of package/packaged)	**4700/n:** 47.85 kg/66.45 kg; **4700dn:** 49.21 kg/66.45 kg; **4700dtn:** 99.56 kg/146.99 kg; **4700ph+:** 125.19 kg/179.95 kg
Printer management	HP Embedded Web Server, HP Web Jetadmin, HP Easy Printer Care Software
Operating environment	Environmental ranges: Operating temperature: 10 to 30° C, operating humidity: 10 to 80% RH, recommended operating humidity: 30 to 70% RH, recommended operating temperature: 17 to 25° C, storage temperature: 0 to 35° C, storage humidity: 10 to 85% RH. Noise level per ISO 9296: sound power LwAd: 6.7 B(A)
Certifications	EMC: CISPR 22: 1993/A1, A2; EN 55022: 1994/A1, A2 Class B; EN 61000-3-2: 2000; EN 61000-3-3: 1995/A1; EN 55024: 1998/A1, A2; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 4/GB9254-1998, GB17625.1-1998; EMC Directive 89/336/EEC, the Low Voltage Directive 73/23/EEC, and carries the CE-Marking accordingly. Regulatory standards: Czech Republic (CSN-IEC 60950-1, IEC 60825-1), Estonia (EEI-EN60950-1, IEC 60825-1), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TUV-EN60950-1, IEC 60825-1), Hungary (MEEI-IEC 60950-1, IEC 60825-1), Lithuania (LS-IEC 60950-1, IEC 60825-1), (Russia (GOST-R50377), Slovakia (IEC 60950-1, IEC60825-1), Slovenia (SQI-IEC 60950-1, EN60825-1), South Africa (IEC 60950-1, IEC60825-1). Energy Star®
Warranty	One-year, next day, onsite warranty. Optional HP Care Pack services

Ordering information

Q7491A	HP Color LaserJet 4700 Printer, IEEE 1284-C parallel cable, 4 full capacity print cartridges (1 each black, cyan magenta, yellow), 160 MB Tray 1: 100-sheet multipurpose tray Tray 2: 500-sheet input tray
Q7492A	HP Color LaserJet 4700n Printer, as Q7491A plus HP Jetdirect Embedded Print Server, excludes IEEE 1284-C parallel cable
Q7493A	HP Color LaserJet 4700dn Printer, as Q7492A plus automatic built-in duplexer, 128 MB additional memory
Q7494A	HP Color LaserJet 4700dtn Printer, as Q7493A plus printer stand, Tray 3/4: 2 x 500-sheet input trays
Q7495A	HP Color LaserJet 4700ph+ Printer, as Q7494A plus 40 GB hard disk, 256 MB additional memory, Tray 5/6: 2 x 500-sheet input trays, 750-sheet stapler/stacker

Accessories

Q7003A	Stapler/Stacker with job offset
C8091A	HP 5000 Staple Cartridge
Q7499A	500-sheet Input Tray
Q7501A	Printer Stand
Q7721A	HP 128 MB SDRAM DIMM
Q7722A	HP 256 MB SDRAM DIMM
Q7723A	HP 512 MB SDRAM DIMM
J6073A	HP EIO Hard Disk

Maintenance kits

Q7502A	HP Image Fuser Kit (110V)[1]
Q7503A	HP Image Fuser Kit (220V)[1]
Q7504A	HP Image Transfer Kit[2]

[1]Up to 150,000 pages
[2]Up to 120,000 pages

Supplies

Q5950A	HP Color LaserJet Black Print Cartridge[3]
Q5951A	HP Color LaserJet Cyan Print Cartridge[4]
Q5952A	HP Color LaserJet Yellow Print Cartridge[4]
Q5953A	HP Color LaserJet Magenta Print Cartridge[4]

[3]Up to 11,000 pages based on 5% coverage
[4]Up to 10,000 pages based on 5% coverage

Connectivity

J7934A	HP Jetdirect 620n Fast Ethernet Internal Print Server
J7960A	HP Jetdirect 625n Gigabit Ethernet Internal Print Server
J7961A	HP Jetdirect 635n IPv6/IPsec Print Server
J7951A	HP Jetdirect ew2400 802.11g Wireless and Fast Ethernet External Print Server

Service and support

H3113A/E	HP Care Pack, next day on-site, 3 years
H3118A/E	HP Care Pack, on-site response within 4 hours, 3 years
H2872A/E	HP Care Pack, Installation & network configuration
H3183PA/PE	HP Care Pack, post warranty, next day on-site, 1 year
U2034PA/PE	HP Care Pack, post warranty, on-site response within 4 hours, 1 year

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