HP Color LaserJet 9500 series

Produce short runs of impressive promotional documents, from booklets to A3 posters in no time. Superior image quality, vivid, consistent colours and gloss on a variety of media, will get your business noticed.

HP Color LaserJet
9500n printer

HP Color LaserJet
9500hdn printer

HP Color LaserJet
9500gp printer

HP Color LaserJet 9500hdn
printer with optional
multifunction finisher

Ideal for small businesses or customer-facing parts of big companies who need to publish a wide range of promotional documents, giving them more control over content, printing time and cost. Also designed to meet the colour printing needs of general office users in large enterprises, for department use to enhance their internal communications, or small workgroups printing high volumes.

Expect exceptional results enabling you to promote your business with high value colour documents.

- Achieve commercial press print quality with superior image detail from 600 dpi, Imageret 4800 and 8-bit contone.
- HP's proprietary technologies: adaptive halftoning, Smart Edge enhancements and automatic trapping deliver exceptional print quality with sharp, accurate text and lines.
- Professional colour management through the HP Spectro-photometer[1] with ICC profiling software for CRT and LCD monitors, as well as CMYK printers.

Documents that are always ready when you are.

- Maximise your print speed up to 24 ppm (A4) in colour and monochrome while in best print mode even with large and complex colour files or in duplex mode with a 500 MHz processor and 160 MB RAM (288 MB on hdn).
- Versatile media handling with support for heavy media up to 200 g/m^2 from standard trays and duplexer (up to 220 g/m^2 from multipurpose tray). Advanced in-line document finishing enables you to create folded and saddle-stitched brochures at the touch of a button[2].

Manage your business, not your printer and keep your printing costs down!

- Robust HP LaserJet reliability ensures trouble-free performance even with heavy usage.
- Separate, easy-to-install high yield 25,000-page cartridges and 40,000-page image drum reduce intervention.
- An HP Embedded Web Server provides full control to configure device settings and e-mail alerts, monitor printer and supplies status and manage the printer remotely.
- Print high volumes reliably with a large 200,000 page-per-month duty cycle.
- Enjoy a low cost-per-page for colour intensive documents.

[1] Standard with HP Color LaserJet 9500gp only. Powered by GretagMacbeth technology.
[2] Optional with HP Color LaserJet 9500hdn.

Technical specifications

Print speed	Black/colour A4: Black/colour A3: First page out: Warm up time:	up to 24 ppm up to 12 ppm 17.5 secs from "Ready" "Powersave": 3.5 minutes (idle for more than one hour), 2.5 minutes (idle for less than one hour), "Blue Angel" mode and "Cold start": 5.6 minutes.
		Exact speed varies depending on the system configuration, software application, driver and document complexity.
Processor		500 MHz; RM7000B-500 Symmetric Superscalar MIPS microprocessor from PMC-Sierra capable of doubling number of instructions per one clock cycle
Memory		Standard: HP Color LaserJet 9500n printer: 160 MB; HP Color LaserJet 9500hdn/gp printers: 288 MB and HP 20 GB EIO hard disk, expandable 384 MB through additional 168-pin, non-parity, SDRAM slots. Using Memory Enhancement technology (MEt).
Print technology		In-line colour laser printing technology
Print resolution		600 dpi with Imageret 4800, supports colour management systems based on ICC profiles: Apple ColorSync, Microsoft® ICM, Adobe®, Corel®, Quark, and others, PANTONE® CALIBRATED for PANTONE PMS support; supports SWOP, Euro, and DIC press emulations
Languages		PostScript® 3™ emulation, PCL 5c, PCL 6, direct PDF
Typefaces/fonts		80 TrueType™ internal scalable in PCL, 80 TrueType internal scalable in PostScript®; Euro symbol supported (€)
Print margins (mm)		A3/A4: top: 4.23 mm; left: 4.23 mm; right: 4.23 mm; bottom: 4.23 mm.
Duty cycle		Up to 200,000 pages per month

Media handling

Input:	Capacity	Weight	Size
Tray 1	100 sheets, 50 transparencies up to 10 envelopes	64 to 220 g/m²	98 x 191 mm to 306 x 470 mm, A3, A4, JIS B5, A5, C5/B5/DL envelopes (maximum printable area 297 x 461 mm)
Tray 2/3	500 sheets	64 to 200 g/m²	148 x 210 mm to 297 x 432 mm
Tray 4*	2,000 sheets	64 to 200 g/m²	182 x 210 mm to 297 x 432 mm

Output: Standard: Top bin (face down) with up to 500 sheet capacity, left bin (face up - reverse order) with up to 100 sheet capacity; optional: 3000 sheet stacking (face down), 125 sheet (face up) with 3000-sheet stacker or stapler/stacker*

Duplex printing: Two sided printing capability: HP Color LaserJet 9500n printer: Automatic (optional with purchase of a duplex printing accessory), HP Color LaserJet 9500hdn/gp printers: Automatic (standard).
*HP Color LaserJet 9500hdn/gp printer only.

Interface and connectivity compatibility	Standard: HP Color LaserJet 9500n printer: IEEE 1284-compliant bi-directional parallel port (with C-type connector), HP Jetdirect 615n Fast Ethernet (10/100Base-TX) internal network print server in EIO slot, 2 open EIO slots HP Color LaserJet 9500hdn/gp printer: IEEE 1284-compliant bi-directional parallel port (with C-type connector), HP Jetdirect 615n Fast Ethernet (10/100Base-TX) internal network print server in EIO slot, 20 GB hard disk in EIO slot, 1 open EIO slot. Optional: HP Fast Infrared (FIR) enabled via FIR pod, HP Jetdirect EIO print servers (including 802.11b wireless, Ethernet, Token Ring, Fast Ethernet 10/100TX, LocalTalk, Serial & USB). For more information, refer to http://www.HP.com/go/jetdirect
Operating systems compatibility	Drivers included: Drivers included: PCL 5c, PCL 6 drivers for Microsoft® Windows® 98, Me, NT 4.0, 2000, XP; PostScript® 3™ emulation driver for Microsoft Windows 95, 98, Me, NT 4.0, 2000, XP, Mac OS 8.6 and higher. Driver download: OS/2, UNIX®, Linux; basic printing support for DOS. Current drivers and software are available from the internet.
Network operating systems	Supported: Via HP Jetdirect print servers: Microsoft® Windows® 98, Me, NT 4.0, 2000, XP, XP 64-bit, 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, MPE-iX, Mac OS 8.6 and later. 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. Advanced management security with: SNMP v3, SSL/TLS (HTTPS). Wireless networking security: 40/64- and 128-bit WEP encryption, 802.1x, authentication (EAP-PEAP, LEAP, EARTTLS, EAPTLS, EAP-MD5) with Radius servers for wireless products RADIUS (MD5 and TLS) * Note: not all protocol and operating system combinations are supported. For more information, refer to http://www.HP.com/go/jetdirect
Minimum system requirements	Microsoft® Windows® 98: Pentium® 90 with 16 MB of RAM, Windows Me: Pentium 150 with 32 MB of RAM, Windows NT® 4.0: Pentium 90 with 32 MB of RAM, Windows 2000: 300 MHz Processor with 64 MB of RAM, Windows XP: 233 MHz Processor with 64 MB of RAM, 180 MB free hard disk space for Windows; 160 MB for Mac, Mac OS 8.6, 9.0, 9.04, 9.1, 9.2, 10.1, CD-ROM drive or Internet connection, dedicated IEEE 1284 parallel port.
Control panel	LCD backlit panel display with up to 4 lines of text and animated printer graphics, 3 LED status lights
Power consumption	< 2 watts (off), 173 watts maximum (standby), 741 watts maximum (printing)
Power requirements	Input voltage 110 to 127 VAC (± 10 %), 50/60 Hz (± 2 Hz), 15 amps; 220 to 240 VAC (±10 %), 50/60 Hz (± 2 Hz), 10 amps.
Dimensions (w x d x h)	Out of package: HP Color LaserJet 9500n printer: 682 x 767 x 887 mm; HP Color LaserJet 9500hdn/gp printers: 682 x 767 x 1212 mm. Packaged: HP Color LaserJet 9500n printer: 1200 x 1022 x 1313 mm; HP Color LaserJet 9500hdn/gp printers: 1200 x 1022 x 1488 mm.
Product weight	Packaged: HP Color LaserJet 9500n printer: 174.27 kg; HP Color LaserJet 9500hdn printer: 198.32 kg; HP LaserJet 9500gp printer: 200.25kg.
Printer management	HP Web Jetadmin, HP LaserJet Utility for Mac, Embedded Web Server, Printer Status and Alerts
Operating environment	Environmental ranges: Operating temperature: 10 to 30° C. Operating humidity: 10 to 80% RH. Recommended operating humidity: 20 to 50% RH. Recommended operating temperature: 20 to 26° C. Storage temperature: 0 to 35° C. Storage humidity: 5 to 95% RH. Noise level per ISO 9296: Sound power: LwAd: 6.7 B(A) printing, 5.5 B(A) powersave. Sound pressure LpAm: 52 dB(A) printing, 39 dB(A) powersave.
Energy Star®	Yes
Certifications	Regulatory standards: Czech Republic (CSN-IEC 60950-IEC 60825-1), Estonia (EEI-EN 60950-IEC 60825-1), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TÜV-EN 60950-IEC 60825-1), Hungary (MEEI- IEC 60950-IEC 60825-1), Lithuania (LS-IEC 60950-IEC 60825-1), Poland (B Mark- IEC 60950-IEC 60825-1), Russia (GOST-R50377), Slovakia (IEC 60950-IEC 60825-1), Slovenia (SQI-IEC 60950-EN 60825-1), South Africa (IEC 60950-IEC 60825-1), Class 1 Laser/LED Product
Warranty	1 year on-site warranty. Optional HP Care Pack services

Ordering information

C8546A	HP Color LaserJet 9500n printer includes: HP Jetdirect 615n (EIO) 10/100Base-T print server, tray 1: 100-sheet multipurpose tray; tray 2/3: 2 x 500-sheet input trays, 160 MB memory
C8547A	HP Color LaserJet 9500hdn printer, as above plus: automatic duplex unit (installed), tray 4: 2000-sheet paper feeder, additional 128 MB memory (installed), 20 GB hard disk (installed)
Q6466A	HP Color LaserJet 9500gp printer, as above plus: HP Spectro-photometer with ICC profiling software

Accessories

C9674A	Duplex printing accessory
C7848A	HP 168-pin SDRAM DIMM 64 MB memory module
C7850A	HP 168-pin SDRAM DIMM 128 MB memory module
C9653A	HP 168-pin SDRAM DIMM 256 MB memory module
C4287A	4 MB Flash DIMM
J6073A	HP EIO hard disk, 20 GB
C4103A	HP Fast Infrared (FIR) pod
C8088A	HP Multifunction Finisher
C8084A	HP 3000-sheet stacker[1]
C8085A	HP 3000-sheet stapler/stacker[1]

Connectivity

J4167A	HP Jetdirect 610n Token Ring internal print server
J6058A	HP Jetdirect 680n 802.11b internal wireless print server
J4135A	HP Jetdirect connectivity card for USB, serial and LocalTalk

Cables

C2946A	HP IEEE 1284-compliant bi-directional parallel cable (C-type) connector
92215N	HP LocalTalk cable kit (2 m)
92215S	HP serial printer cable

Supplies

C8550A	HP Color LaserJet smart print cartridge, black[2]
C8551A	HP Color LaserJet smart print cartridge, cyan[2]
C8552A	HP Color LaserJet smart print cartridge, yellow[2]
C8553A	HP Color LaserJet smart print cartridge, magenta[2]
C8560A	HP black image drum[3]
C8561A	HP cyan image drum[3]
C8562A	HP yellow image drum[3]
C8563A	HP magenta image drum[3]
C8554A	HP image cleaning kit (up to 50,000 pages)
C8555A	HP image transfer kit (up to 200,000 pages)
C8556A	HP image fuser kit, 110 and 220 volt (up to 100,000 pages)

Service & support

U6487A/E	HP Care Pack, next business day on-site response, 3 years
U6488A/E	HP Care Pack, same business day on-site response within 4 hours of call, 3 years
H2872A/E	Installation & network configuration for 1 network printer

[1] HP Color LaserJet 9500hdn only
[2] Up to 25,000 pages, based on 5% coverage
[3] Up to 40,000 pages

http://www.hp.com

Published in EMEA 06/04 5982-5512EEE