HP Color LaserJet 9500 Series Printers

9500n • 9500hdn

The HP Color LaserJet 9500 Series Printers create superior image quality, color, and gloss consistency, even on wide-format HP media and films. The optional document-finishing features accommodate your department, office, or promotional publishing needs.

Expect results

- Powerful printing capabilities boost office productivity—optional automatic two-sided printing accessory, included with the HP Color LaserJet 9500hdn bundle, allows you to print full color, full bleed documents on both sides of the paper at full speed.
- Simple operation with professional results—HP proprietary halftoning technology and HP ImageREt 4800, a suite of HP image enhancement technologies, work together to provide continuous commercial-quality graphics, text, and line clarity.
- Produce finished documents at the touch of a button—optional finishing solutions give documents a professional touch with options such as folding, saddle-stitching, corner stapling, and convenient stacking.
- Save time and money spent trapping complex documents—HP's patented automatic In-RIP trapping eliminates manual trapping without performance loss.

Effortless printing

- Printed materials impress your most demanding audiences—all HP LaserJet media and film products are engineered and tested to deliver superior results including optimal reliability, vivid colors, and stand-out gloss consistency in a broad array of finishes, weights, and sizes including transparencies.
- Print uniform color every time—whether you print 10 or 10,000 copies, the infrequent and fast closed-loop smart calibrations ensure superior print system stability and support industry leading color consistency that helps you save time, toner, and paper that would have been spent on reprinting.
- Enhance print quality without sacrificing print speed—HP proprietary hardware architecture provides continuous color printing at speeds at 24 pages per minute on regular weight office media while in the best-print-quality mode and no-penalty automatic two-sided printing.

Reduce costs

- The power to keep you productive—this workhorse printer features a 200,000 page-per-month duty cycle and a fast HP Jetdirect 615n EIO print server for robust workgroup and department sharing and high-volume productivity.
- Get the HP Supplies advantage—easy-to-replace, high yield HP Supplies reduce user intervention rates, provide proactive alerts and troubleshooting, and contribute to low cost-per-page printing for color-intensive documents.

invent

HP Color LaserJet 9500 Series Printers

1. Control panel with four-line graphical display and help features as well as configurable status alerts help you resolve printing issues quickly.

2. 600-sheet output capacity from two standard bins.

3. Simple front door access allows you to easily change printer supplies.

4. Three standard input trays and an additional optional 2,000-sheet tray for a maximum input capacity of 3,100 sheets (for the CLJ 9500hdn model).

5. Full speed (24 ppm) two-sided color printing with automatic duplexer unit.

HP Jetdirect 615n EIO print server with 4.5 MB I/O speeds for faster transfer of graphics files across the network.

High capacity 25,000-page HP print cartridges and 40,000-page HP image drum reduce user intervention.

One open EIO slot for wireless 802.11b networking or other connectivity options.

Embedded web server for direct access to the printer on the network and remote printing features.

Print full bleed on media sizes ranging from postcards to 11 by 17 inches

HP Color LaserJet 9500hdn shown with optional multifunction finisher

- Powerful processing—fast color printing at 24 ppm for the best print quality using the 500 MHz processor and 160 MB RAM (CLJ 9500n model) 288 MB RAM (CLJ 9500hdn model) (expandable to 416 MB RAM).
- Professional print quality—free of print artifacts thanks to 600 dpi 8-bit depth Contone with HP ImageREt 4800 and HP proprietary edge enhancements, adaptive halftoning, and In-RIP trapping.
- Supports a wide variety of media types—including gloss, soft gloss, coated, tough paper, plastic, transparency, and heavy cover stock that matches support of commercial print service providers and weights up to 200 g/m^2 from standard trays (up to 220 g/m^2 from multipurpose tray and through all optional accessories).
- Consistent output—HP exclusive technology, print cartridges, and automatic closed-loop color calibration provide consistent color from the first page of the job to the last so you don't waste time or materials by reprinting.
- Accurate color—advanced color matching with support for CMYK model, ICC color management, PANTONE®* Spot Color matching, press emulations, and sRGB standards.
- Total department or small business solution—fast transfer of your most complex documents over your network using the powerful HP Jetdirect 615n EIO print server.

* Pantone, Inc.'s check-standard trademark for color.

The finishing touch—finishing options for the HP Color LaserJet 9500hdn printer.
Make producing your promotional materials even more efficient with optional accessories:
Note: base model HP Color LaserJet 9500n cannot add finishing options.

3,000-sheet stacker

- Stacks up to 3,000 sheets, printed and separated in just one easy step.
- Provides quick, easy access to individual print jobs through automatic job separation.
- Enables high volume, unattended printing.
- Allows you to produce more types of documents.
- Delivers professionally finished documents.

3,000-sheet stapler/stacker

- Stacks up to 3,000 sheets, separated and stapled for a better look in just one step.
- Features include high capacity, job offset, and multiposition stapling.
- Provides quick, easy access to individual print jobs through automatic job separation.
- Enables high volume, unattended printing.
- Allows you to produce more types of documents.
- Delivers professionally finished documents.

Multifunction finisher

- Transforms the HP Color LaserJet 9500hdn printer into a document creation system, turning pages into ready-to-use booklets or stapled documents.
- 1,000-sheet output capacity.
- Multiposition stapling.
- Job separation.
- Saddle-stitch booklet production capability.

Harness the power.

The powerful features and advanced technology of the HP Color LaserJet 9500 series printers provide busy workgroups and departments a high-end, color laser printer to create general office documents and project or promotional publications. From the first page to the last, you'll find industry-leading color consistency and simple printer management that results from HP technology. From the first page to last, HP printing and media technology combine to achieve vivid, highly saturated colors, a broad color gamut, and enhanced gloss levels[1] to guarantee a professional appearance to all your publishing materials.

Get the printer that's right for you.

The series offers two printer models to fit your business needs:

HP Color LaserJet 9500n.

The HP Color LaserJet 9500n allows you to produce effective business documents and easy promotional pieces that get noticed. This model does not include such features as an auto-duplex unit for two-sided printing, or the 2,000-sheet input tray and is not compatible with optional document finishing accessories. Use the HP Color LaserJet 9500n to:

- Print confidently using HP proprietary technology which enhances detail and produces superior font quality, text sharpness, and line clarity—surpassing the 1200-dpi binary print quality of a color printer or commercial digital printing press without a reduction in printer performance time.
- Give your documents a professional appearance through photo-like high gloss and gloss uniformity applied across the printed and unprinted areas of the entire page.
- Take advantage of media flexibility by printing wide format media up to 11 by 17 inches from any input tray.
- Take advantage of powerful networking, a robust 200,000 page-per-month duty cycle, long lasting and easy-to-install supplies, high capacity output, and robust 24-ppm color printing—making these printers a total office solution.
- Eliminate storage costs by printing only the quantity you need when you need it.
- Update sales and marketing materials with the most current information thereby reducing wastage of out-of-date materials.
- Simple-to-install, reliable, and easily-replaceable HP supplies ensure output consistency throughout the life of the supply while delivering a cost-effective solution for printing color-intensive documents.

HP Color LaserJet 9500hdn bundle.

Achieving professional quality printing has never been easier. With the HP Color LaserJet 9500hdn bundle, your workplace is transformed into an on-demand print house. Your workplace runs more efficiently because you greatly reduce the need for print outsourcing. With the HP Color LaserJet 9500hdn, you get all of the features of the HP Color LaserJet 9500n, plus you have the power to:

- Spend less time monitoring your print job with such features as a 3,100-sheet input capacity, accurate two-sided printing, and embedded web server for remote management.
- Add optional finishing accessories to produce finished documents such as bound booklets, sales pamphlets, or product data sheets with the touch of a button.

1 HP Color LaserJet 9500 print cartridges are calibrated and tested with HP Premium Cover Paper, HP High Gloss Laser Paper and HP Soft Gloss Laser paper to achieve uniform gloss on high-coverage documents.

HP Color LaserJet 9500 Series Printers

Technical specifications	HP Color LaserJet 9500n (product number: C8546A)	HP Color LaserJet 9500hdn (product number: C8547A)
Print speed[1]	24 ppm, letter-size documents	
First page out	Under 17 seconds	
Processor	500 MHz	
Memory	160 MB	288 MB plus HP High Capacity Hard Disk
Duty cycle, monthly	200,000 pages per month	
Media		
Paper trays, standard	100-sheet multipurpose tray one 500-sheet tray two 500-sheet tray three	100-sheet multipurpose tray one 500-sheet tray two 500-sheet tray three 2,000-sheet tray four Automatic two-sided printing
Optional accessories	Automatic duplex printing accessory	Stacker, stapler/stacker, multifunction finisher
Input capacity, max	1,100 (20 lb bond)	3,100 (20lb bond)
Output capacity, standard	Up to 500-sheet top bin (face down), up to 100-sheet left bin (face up, reverse order)	Up to 500-sheet top bin (face down), up to 100-sheet left bin (face up, reverse order)
Sizes	Multipurpose tray one: 3.9 x 7.5 in to 12.1 x 18.5 in Trays two & three: 5.8 x 8.3 in to 11.7 x 17 in	Multipurpose tray one: 3.9 x 7.5 in to 12.1 x 18.5 in Trays two & three: 5.8 x 8.3 in to 11.7 x 17 in Tray four: 7.2 x 8.3 in to 11.7 x 17 in
Weight	Multipurpose tray one:17 to 58 lb; trays two, three & four: 17 to 53 lb (20 to 24 lb recommended)	
Types	Letter, legal, executive, 11 by 17 tabloid, JPostD, 8K, 16K, commercial #10 envelopes, C5 envelopes, DL envelopes, Monarch envelopes, B5 envelopes	
Print technology resolution	HP ImageREt 4800, supports color 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	
Connectivity		
Languages	HP PostScript Level 3 emulation, HP PCL 5c and HP PCL 6	
Operating systems	Microsoft Windows® 95, 98, Millennium Edition (Me), NT® 4.0, 2000, XP; Apple Mac OS 8.6 to 9.xx, 10.1 or later, and OS X. Optional: UNIX®, Linux, IBM OS/2	
Network operating systems	(Via HP Jetdirect print servers): Microsoft Windows 98, Me, NT 4.0, 2000, XP, XP 64-bit, Server 2003; 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	
Interfaces	IEEE 1284 type-C parallel, HP Jetdirect 615n Fast Ethernet (10/100 Base-TX) internal network print server in EIO slot, two open EIO slots	IEEE 1284 type-C parallel, HP Jetdirect 615n Fast Ethernet (10/100 Base-TX) internal network print server in EIO slot, hard disk in EIO slot, one open EIO slot
Dimensions (W by D by H)		
Printer dimensions	27 by 30 by 35 in	27 by 30 by 48 in
Clearance dimensions[3]	59 by 48 by 35 in	59 by 48 by 48 in
Weight[4]	221 lb	287 lb
What's in the box	HP Color LaserJet 9500n printer, power cord, HP Color LaserJet 9500 paper sample guide, user's guide, start guide, print cartridges (4), image drums (4), CD-ROM (documentation, product software, and print servers), the left bin, image cleaning kit, image transfer kit, image fuser kit, HP Jetdirect 615n Fast Ethernet (10/100Base-TX) internal network print server in EIO slot	HP Color LaserJet 9500hdn printer, power cord, HP Color LaserJet 9500 paper sample guide, user's guide, start guide, print cartridges (4), image drums (4), CD-ROM (documentation, product software, and print servers), the left bin, image cleaning kit, image transfer kit, image fuser kit, HP Jetdirect 615n Fast Ethernet (10/100Base-TX) internal network print server in EIO slot, 2,000 sheet input tray (HCI), 10 MB EIO disk, auto-duplexer

[1] Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[2] Using the optional output accessories.
[3] Refers to the total amount of space needed to properly open all trays and compartments. These dimensions do not apply to service access requirements.
[4] Without print cartridges or image drums.

System requirements	Microsoft Windows 98: Pentium® 90 with 16 MB RAM, Windows Me: Pentium 150 with 32 MB RAM, Windows NT 4.0: Pentium 90 with 32 MB RAM, Windows 2000: 300 MHz Processor with 64 MB RAM, Microsoft Windows XP: 233 MHz processor with 64 MB 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
Environmental ranges	
Recommended Operating temperatures:	68 to 79° F (20 to 26° C)
Storage temperatures:	32 to 95° F (0 to 35° C)
Recommended operating humidity:	20 to 50% RH
Storage humidity:	5 to 95% RH
Acoustics	
Sound pressure:	50 dB(A)
Sound power:	6.7 B(A)
Power requirements	110 to 127 volt (± 10%), 50/60 Hz (± 2 Hz), 15 amps; 220 to 240 volt (± 10%), 50/60 Hz (± 2 Hz), 10 amps
Power consumption	
Maximum printing:	> 1400 watts
Off:	> 2 watts
ENERGY STAR® compliant	
Power certification	
Safety certifications:	USA (UL-UL 1950; FDA-21 CFR Chapter 1 Subchapter J for Lasers), Canada (cUL-CAN/CSA C22.2 number 950)
Electromagnetic compatibility:	USA (FCC Title 47 CFR Part 15 Class B), Canada (Industry Canada ICES 003-CISPR 22
Warranty	One-year, next-day, onsite warranty

Ordering information

Product Number	HP Product
C8546A	HP Color LaserJet 9500n Printer
C8547A	HP Color LaserJet 9500hdn Printer
Service and Support	
U6487A/E	HP Care Pack, 3-year, Onsite, Next-Day
U6488A/E	HP Care Pack, 3-year, 13 x 5, Onsite in 4 hours, Same-Day
H7617A/E	Installation, 1 unit
H7621A/E	Network Installation, 1 unit
Supplies and Accessories	
C9674A	Auto-Duplexer (duplex printing accessory) (9500n only)
C8084A	Stacker, 3,000-sheet (compatible with the 9500hdn model)
C8085A	Stapler/Stacker, 3,000-sheet (compatible with the 9500hdn model)
C8088A	Multifunction Finisher (compatible with the 9500hdn model)
Print Cartridges	
C8550A	Black Print Cartridge, 25,000 pages, 5% coverage
C8551A	Cyan Print Cartridge, 25,000 pages, 5% coverage
C8552A	Yellow Print Cartridge, 25,000 pages, 5% coverage
C8553A	Magenta Print Cartridge, 25,000 pages, 5% coverage
C8560A	Black Image Drum, 40,000 pages
C8561A	Cyan Image Drum, 40,000 pages
C8562A	Yellow Image Drum, 40,000 pages
C8563A	Magenta Image Drum, 40,000 pages
Product Number	**HP Product**
C8554A	Image Cleaning Kit, 50,000 pages, 80% color @ 20% cov., 20% black @ 5% cov.
C8555A	Image Transfer Kit, 200,000 pages
C8556A	Image Fuser Kit, 100,000 pages

Media	
Q2419A	HP High Gloss Laser Paper, letter, 200-sheet
Q2420A	HP High Gloss Laser Paper, tabloid, 200-sheet
HPU1132	HP Premium Choice Laser Jet Paper, letter, 500-sheet
HPL285R	HP Color Laser Paper, letter, 500-sheet
HPJ1124	HP LaserJet Paper, letter, 500-sheet
HPJ1424	HP LaserJet Paper, legal, 500-sheet
Q2413A	HP Premium Cover Paper, letter, 100-sheet
HPE1120	HP Office Recycled Paper, letter, 500-sheet
HPE1420	HP Office Recycled Paper, legal, 500-sheet
C4179A	HP Soft Gloss Paper, letter, 200-sheet
Q2415A	HP Soft Gloss Laser Paper, letter, 500-sheet
Q1298A	HP LaserJet Tough Paper, letter, 50-sheet
C2934A	HP Color LaserJet Transparencies, letter, 50-sheet
Cables	
C2950A	IEEE-1284 Parallel Cable (2-meter)
C2951A	IEEE-1284 Parallel Cable (3-meter)
Memory	
C7848A	64 MB SDRAM DIMM
C7850A	128 MB SDRAM DIMM
C9653A	256 MB SDRAM DIMM
C4287A	4 MB Flash DIMM
J6054B	HP High Capacity Hard Disk
Network	
J4167A	Token Ring Networks
J6057A	Fast Ethernet (10/100Base-TX single RJ-45 port)
J4135A	Connectivity Card for USB, Serial, and LocalTalk

HP recommends Microsoft® Windows® XP Professional for mobile computing.

© Copyright Hewlett Packard Company 2003. All rights reserved. Reproduction, adaptation, or translation without prior written permission is prohibited, except as allowed under the copyright laws. Acrobat®, Adobe, and PostScript® are trademarks of Adobe Systems Incorporated. Microsoft, MS-DOS®, Windows, and Windows NT are US registered trademarks of Microsoft Corporation. PANTONE® is Pantone, Inc.'s check-standard trademark of the Open Group. TrueType™ is a US trademark of Apple Computer, Inc. UNIX® is a registered trademark of the Open Group. ENERGY STAR is a US registered service mark of the US Environmental Protection Agency.

For more information visit our website at www.hp.com

5981-5009ENUC, 06/2003

invent