



affordable



color

data sheet



HP entry Color LaserJet printer series

1500L • 1500 • 2500L • 2500 • 2500n • 2500tn

The HP Entry Color LaserJet printer series delivers high quality, professional color laser documents for a great price. These easy-to-use printers are designed for home offices, small businesses, and workgroups that want a compact, networkable color laser solution for their business communication and small print run needs.

efficient

- laser color as competitively priced as black and white—one device efficiently prints all your business communications as well as small amounts of promotional material at up to 16 pages per minute black and up to 4 pages per minute color
- high quality color output—produces professional-looking documents with an excellent range of colors through HP ImageREt 2400 color layering technology and new toner formula
- optimum consistency and reliability—HP Smart printing technology¹ and cartridge enhancements provide more accurate supplies monitoring, remote diagnostics, and convenient internet enabled supplies ordering
- save time and money—high capacity print cartridge (5,000 pages black, 4,000 pages color) means fewer interactions with the printer

simple

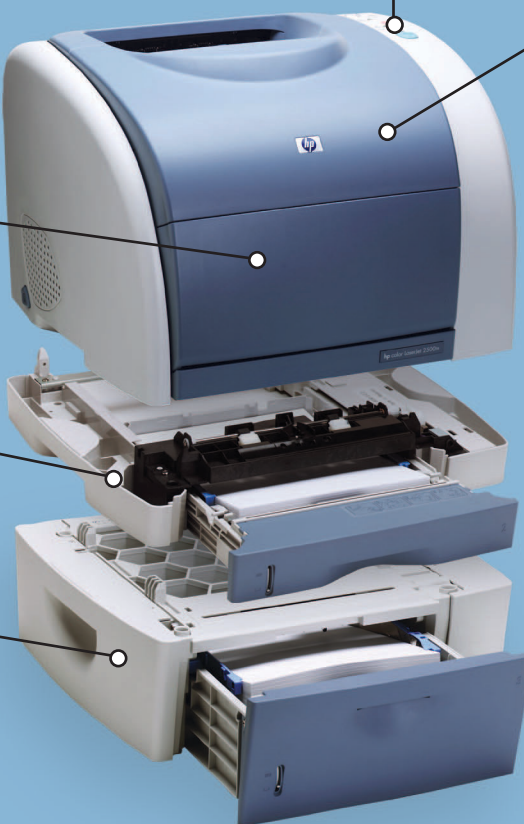
- easy to use and maintain—five easy-to-change supplies, automatic top-positioning of low or out print cartridge for easy replacement, and simple one-door access to supplies make any of these printers as simple to operate as most monochrome printers
- intuitive operation—HP entry Color LaserJet printer series provides easy-to-understand printer configuration and troubleshooting information through simplified control panel and HP software toolbox

flexible

- compact design that is easily upgradeable—small and lightweight enough to fit on the desktop yet expands to handle your unique business needs
- color printing for small workgroups—HP Jetdirect print servers enable secure, reliable network printing
- optional paper handling—with up to three paper trays, end users can produce the volume and variety of documents they need with less intervention

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

HP entry Color LaserJet printer series



600 dpi resolution with HP ImageREt 2400 for high quality documents

intuitive control panel with supplies status information

one-door access to five easy-to-use printing supplies

instant-on fuser for fast first page out (16 seconds black, 29 seconds color)

125-sheet multipurpose paper tray handles sheets 16 to 47 lbs and 3 by 5 inches to 8.5 by 14 inches in size

250-sheet second paper tray handles sheets 16 to 28 lbs and 5.8 by 8.3 inches to 8.5 by 14 inches in size (standard on CLJ 2500/n/tn)

500-sheet third paper tray for increased access to letter-size sheets with less user intervention (standard on CLJ 2500tn)

small footprint—starting at just 19 by 18 by 13 inches (w by d by h)







interfaces:
Hi-Speed USB (CLJ 1500 series only)
USB, parallel, and EIO (CLJ 2500 series only)

easy network connectivity and fast transmission rates available with HP Jetdirect print server (standard with CLJ2500n/tn)

HP toolbox software—HTML page for one-stop printer status, troubleshooting, diagnostic pages, and manuals

HP embedded web server for configuration information through any web browser (CLJ 2500 series only)

industry leading weight—starting at just 48 pounds with print cartridges

					
<p>HP Color LaserJet 1500L</p> <ul style="list-style-type: none"> Up to 16 pages per minute black, up to 4 pages per minute color Windows® & Macintosh compatible host-based—uses computer resources for job processing OTI-4110 150 MHz processor 16 MB RAM (non-expandable) 125-sheet multipurpose paper tray Hi-Speed USB 	<p>HP Color LaserJet 1500</p> <p>all the features of the 1500L plus:</p> <ul style="list-style-type: none"> 250-sheet input paper tray (for total input capacity of 375 sheets) 	<p>HP Color LaserJet 2500L</p> <ul style="list-style-type: none"> Up to 16 pages per minute black, up to 4 pages per minute color HP PCL 6, HP PCL 5c, PostScript® 3 emulation QED 300 MHz processor 64 MB RAM (expandable to 256 MB) 125-sheet multipurpose paper tray USB, parallel, and one open EIO slot HP embedded web server 	<p>HP Color LaserJet 2500</p> <p>all the features of the 2500L plus:</p> <ul style="list-style-type: none"> 250-sheet input paper tray (for total input capacity of 375 sheets) 	<p>HP Color LaserJet 2500n</p> <p>all the features of the 2500 plus:</p> <ul style="list-style-type: none"> HP Jetdirect 615n EIO 10/100Base-T internal print server HP web jetadmin printer management software 	<p>HP Color LaserJet 2500tn</p> <p>all the features of the 2500n plus:</p> <ul style="list-style-type: none"> 500-sheet input paper tray (for total input capacity of 875 sheets)

color communicates more effectively

Statistics show that color improves comprehension, increases readership, accelerates learning, and reflects a professional image. No matter what your business creates, you can't afford not to use color:

- from more effective internal communications
 - memos
 - e-mail
 - spreadsheets
- to external communications with a professional appearance
 - reports and proposals
 - letterhead and business cards
 - presentation handouts
- to attention-getting marketing collateral that differentiates your business from the competition
 - brochures
 - flyers
 - ads

HP's Entry Color LaserJet printer series easily and affordably brings the advantages of high quality laser color to your business.

HP Color laser quality

The HP Entry Color LaserJet printer series provides the high quality color laser output you have come to expect from the industry leader. The 600-dpi engine, HP ImageREt 2400 color layering technology, and new toner formulation ensure great print quality for your business documents.

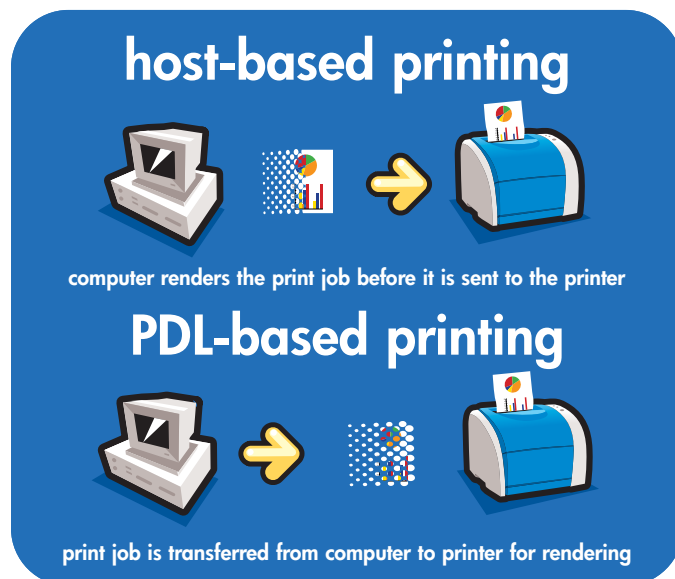
- improved chemical toner formula
 - chemically grown spherical toner with fuser release agent in each toner particle ensures uniform distribution of color and reliable fusing
 - wide range of colors (gamut) and vibrant appearance
 - crisp black text and sharp edges
 - consistent print quality over the life of the cartridge
- HP Smart printing supplies¹ features
 - supplies status-at-a-glance via toolbox, supplies status page, and control panel
 - HP Smart printing technology¹ monitors and adjusts print cartridge characteristics to ensure consistent print quality throughout cartridge life
 - ability to conveniently order via the internet when supplies are low
- reliable
 - HP supplies and printers are designed together to work together for optimum output and reliability
 - user removable lifetime fuser
 - worry-free color that you can count on

maintain your business, not your printer

With ease-of-use, real-time status, and supplies management features, these printers are designed to quickly bring high quality color capabilities to users—while lowering your total cost of ownership by minimizing printer downtime.

- only five easily-replaceable supplies to maintain—four color print cartridges and one imaging drum
- print cartridge that is low or out automatically rotates to the top of the carousel for easy access
- enhanced control panel with intuitive printer and supplies status lights
- embedded web server (2500 series only), via direct connect or HP Jetdirect print server, provides one-stop printer status information

And, with HP Entry Color LaserJet printers you receive total cost of ownership benefits. That's because HP's commitment to reliability lowers overall labor costs while minimizing any employee downtime due to troubleshooting and printer servicing. In fact, HP is the only vendor to get an "A" rating on Printer Service and Reliability eleven years in a row from *PC Magazine's* annual reader survey.



alternative printing methodologies

The HP Entry Color LaserJet printer series deploys two different printing methodologies, Printer Description Language (PDL) and host-based, to meet a variety of user needs. It is important to determine the right printing methodology for your unique printing environment.

PDL-based printers: All of the HP Color LaserJet 2500 models, like many printers available today, are conventional PDL-based printers, meaning they have PCL 6, PCL 5c and PostScript Level 3 emulation embedded in the printer's firmware. With PDL-based printers the print data is transferred directly to the printer for rendering, offering users more flexibility pertaining to printer drivers. PDL-based printers will work with previous, standardized printer drivers, simple text string, and custom commands sent directly to the printer. PDL-based printers are compatible with a wider variety of operating and network operating systems, including Windows, Macintosh, Linux, UNIX[®] and OS/2. These printers are recommended for shared print environments of two or more users that want the flexibility to print with different printer drivers and from different operating systems.

Host-based printers: The HP Color LaserJet 1500 series is a host-based printer, meaning it relies on the host computer to render the print job before it is sent to the printer. The benefit of host-based printers is usually lower acquisition costs—since the processing occurs on the host computer the printer requires less processor power and memory than conventional PDL-based printers. These lower requirements allow HP to provide a color laser printer at an incredible low price. To achieve the lower acquisition price there are trade-offs to be considered. Since host-based printers rely on the computer's processor they require a specific driver for each supported host and these drivers are unique to each operating system. Host-based printers are compatible with select Windows and Macintosh operating systems. A host-based printer is ideal for one or two users working within one of the supported operating systems.

service and support from HP

HP offers a variety of support options to assist you in the setup and maintenance of this printer series. Start with the included one-year Return to HP warranty that covers phone support backed by award winning HP Customer Care. To further ensure trouble-free operation and to maximize the capabilities of your printer you can upgrade your service and support options to include extended printer maintenance and network installation.

Technical Specifications HP Entry Color LaserJet Printer Series	HP Color LaserJet 1500L	HP Color LaserJet 1500	HP Color LaserJet 2500L	HP Color LaserJet 2500	HP Color LaserJet 2500n	HP Color LaserJet 2500tn
	Q2488A	Q2489A	C9705A	C9706A	C9707A	C9708A
Print Speed	Up to 16 ppm black, up to 4 ppm color (letter size)					
First Page Out	16 seconds black, 29 seconds color					
Processor	OTI-4110 150 MHz			QED 300 MHz		
Memory	16 MB			64 MB standard, expandable to 256 MB through two industry-standard DIMM slots		
Duty Cycle, Monthly	30,000 pages					
Media						
Paper Trays, Std	125-sheet multipurpose tray one	125-sheet multipurpose tray one, 250-sheet input tray two	125-sheet multipurpose tray one	125-sheet multipurpose tray one 250-sheet input tray two		125-sheet multipurpose tray one, 250-sheet input tray two, 500-sheet input tray three
Input Capacity, Max	875 sheets					
Output Capacity, Std	125 sheets					
Sizes	multipurpose tray one: 3 by 5 in to 8.5 by 14 in, tray two: 5.8 by 8.3 in to 8.5 by 14 in, tray three: 8.5 by 11.7 in					
Weight	multipurpose tray one: 16 to 47 lb, tray two: 16 to 28 lb, tray three: 16 to 28 lb					
Types	paper (plain, letterhead, prepunched, band, color, rough, vellum, preprinted, recycled), labels, envelopes, card stock, and transparencies (transparencies printed in grayscale only, glossy paper not compatible)					
Print Technology	600 by 600 dpi, HP ImageREt 2400 (Resolution Enhancement technology)					
Connectivity						
Languages	host-based (Windows and Macintosh)			HP PCL 6, HP PCL 5c, PostScript 3 emulation		
Compatibility	Microsoft® Windows 98, 2000, Me, and XP 32-bit, Apple Macintosh 9.x, and OS X			Microsoft Windows 98, NT® 4.0, 2000, Me, XP 32-bit; Macintosh 8.6 and higher		
Interfaces	one Hi-Speed USB port			one IEEE 1284-B parallel port, one USB port, one open EIO slot		one IEEE 1284-B parallel port, one USB port, HP Jetdirect 615n Ethernet/Fast Ethernet print server
	note: parallel and USB cannot be used concurrently					
Dimensions (W by D by H)	19 by 18 by 13 in (482 by 451 by 325 mm)	19 by 18 by 15 in (482 by 451 by 376 mm)	19 by 18 by 13 in (482 by 451 by 325 mm)	19 by 18 by 15 in (482 by 451 by 376 mm)		19 by 18 by 20 in (482 by 451 by 512 mm)
Weight (with supplies)	48 lbs (22 kg)	53 lbs (24 kg)	48 lbs (22 kg)	53 lbs (24 kg)		65 lbs (29 kg)

Ordering Information

Product Number HP Product

Q2488A	HP Color LaserJet 1500L Printer
Q2489A	HP Color LaserJet 1500 Printer
C9705A	HP Color LaserJet 2500L Printer
C9706A	HP Color LaserJet 2500 Printer
C9707A	HP Color LaserJet 2500n Printer
C9708A	HP Color LaserJet 2500tn Printer

Service and Support

H4515E	HP Care Pack, installation
H2872E	HP Care Pack, network installation
U2893E	HP Care Pack, 3-year, next business day, onsite
U4929E	HP Care Pack, 3-year, next day, exchange

Supplies and Accessories

C9698A	Input Tray, 250-sheet
C9699A	Input Tray, 500-sheet
Print Cartridges	
C9700A	HP LaserJet Smart Print Black Print Cartridge, 5K pages ²
C9701A	HP LaserJet Smart Print Cyan Cartridge, 4K pages ²
C9702A	HP LaserJet Smart Print Yellow Cartridge, 4K pages ²
C9703A	HP LaserJet Smart Print Magenta Cartridge, 4K pages ²
C9704A	HP LaserJet Imaging Drum, 20,000 pages black, 5,000 pages color, average 6,000–8,000 pages 5% coverage

Media

HPJ1124	HP LaserJet Paper, 500-sheet, letter
HPJ1424	HP LaserJet Paper, 500-sheet, legal
HPU1132	HP Premium Choice Paper, 500-sheet, letter
HPP1122	HP Printing Paper, 500-sheet, letter
HPM1120	HP Multipurpose Paper, 500-sheet, letter
HPM1420	HP Multipurpose Paper, 500-sheet, legal
Q1298A	HP LaserJet Tough Paper, 50-sheet, letter
Q2296T	HP LaserJet Monochrome Transparencies, 50-sheet, letter

Cables

C2950A	IEEE 1284-B Parallel Cable (2-meter)
C2951A	IEEE 1284-B Parallel Cable (3-meter)
C6518A	USB Cable, 2-meter A-to-B

Memory

C7845A	32 MB SDRAM DIMM
Q1887A	64 MB SDRAM DIMM
C9121A	128 MB SDRAM DIMM

Network

J6057A	HP Jetdirect 615n EIO Print Server, 10/100Base-TX RJ-45 only
J6058A	HP Jetdirect 680n 802.11 Wireless Internal Print Server
J6038A	HP Jetdirect 310x Fast Ethernet 802.3 Print Server
J6035C	HP Jetdirect 175x External Print Server
J4167A	HP Jetdirect 610n EIO Token Ring, RJ-45 and DB9
J4135A	USB, LocalTalk, and Serial

font capabilities

45 scalable TrueType fonts, 1 bitmapped Line Printer font, 35 built-in PS language fonts, built-in Intellifont and TrueType scaling technologies (CLJ 2500 series only)

environmental ranges

Operating temperature: 59 to 90.5° F (15 to 32.5° C)
Storage temperature: -4 to 104° F (20 to 40° C)
Operating humidity: -10 to 80% RH
Storage humidity: 0 to 95% RH

acoustics

Noise level per ISO 9296
Sound power: Printing (16 ppm) LwAd = 6.7 B(A); Standby = not audible
Sound pressure: Operation position: Printing (16 ppm) LpAm = 62 dB(A); Standby = not audible
Sound pressure: Bystander position: Printing (16 ppm) LpAm = 52 dB(A); Standby = not audible

power requirements

Source: minimum recommended 115 to 127 VAC (± 10%), 12 amps for 110-volt units; 220 to 240 VAC (± 10%), 6 amps for 220-volt units
Frequency: 50–60 Hz (± 2Hz)

power consumption

Maximum printing: 403 watts
Maximum non-printing: 31 watts
Off: 0 watts
ENERGY STAR® compliant

warranty

One-year limited hardware Return to HP warranty, phone, and web support

what's in the box

HP Color LaserJet printer, power cable, black print cartridge, cyan print cartridge, yellow print cartridge, magenta print cartridge, imaging drum kit, getting started guide, printer software and user guide on CD-ROM, 125-sheet multipurpose input paper tray, 250-sheet input paper tray (1500, 2500, 2500n, and 2500tn), 500-sheet input paper tray (2500tn), HP Jetdirect 615n Print Server (2500n, 2500tn)

For more information on the HP Entry Color LaserJet printer series, visit our website at www.hp.com and click on products and services. Here you will find information on products, supplies, and accessories for all your computing needs. HP printers, personal computers, supplies, and accessories are available at authorized HP resellers worldwide.

HP PCs use genuine Windows Operating Systems
www.microsoft.com/piracy/howtotell

For more information

Product: Visit www.hp.com

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1 Using genuine HP supplies ensures availability of all HP printing features

2 Based on 5% average page coverage