HP LaserJet 2400 series printer

2420 • 2420d • 2420dn • 2430 • 2430n • 2430tn • 2430dtn

+hp

Experience lasting value with the HP LaserJet 2400 series printer, a reliable, easy-to-use printer for small workgroups.

Ease of use

- **Increase work team productivity.** The intuitive, two-line control panel comes with a built-in help function, simplifying print job management. The print cartridge is easy to use and maintain: with HP Smart printing technology,[1] receive automatic alerts when the cartridge is low and take advantage of convenient online ordering with HP SureSupply.
- **Enjoy a printer built for sharing.** The network-ready models include an HP Jetdirect Fast Ethernet print server embedded on the device formatter board, which leaves the EIO slot open for even more connectivity options.
- **Save time with remote management tools.** HP Toolbox offers a user-friendly interface that helps you monitor the printer and provides one location for all printer information, including documentation and self-help. The HP Embedded Web Server enables one-to-one network printer management, while HP Web Jetadmin helps network administrators manage fleets of peripherals.
- **Rely on a trusted and familiar product.** The HP LaserJet 2400 series printer offers a familiar user experience and industry-renowned HP LaserJet innovation and reliability.

Professional results

- **Enhance your business image.** 1200 by 1200 ProRes print quality provides consistently clear, sharp detail on a variety of HP papers. With HP Smart printing technology[1] in the printer and supplies, printing properties are automatically adjusted for consistent quality and reliability.
- **Experience effortless performance.** The fast 400 MHz processor lets you quickly print even the most complex documents. And the printer can grow with your business: the models come with a base of 32-64 MB Dual Data Rate (DDR) memory, expandable to 288-320 MB. The industry-standard in memory technology, DDR memory provides better performance while reducing power consumption.

Value-packed printer

- **Streamline your business printing.** The printer delivers up to 35 pages per minute (ppm) and the gets the first page out quickly with Instant-on Technology.
- **Be flexible.** The HP LaserJet 2400 series printer handles a broad range of paper sizes and types with a 100-sheet multipurpose input tray and a 250-sheet input tray. Increase your maximum input capacity to 850 sheets with the 500-sheet optional input tray for more paper options, less intervention, and time savings. Plus, automatic two-sided printing offers greater finishing capabilities and reduces printing costs.
- **Add printing capabilities**. Use the two available Compact Flash slots to enable third-party solutions and take advantage of the convenience and value of more font choices, intelligent e-forms, secure printing, barcode printing, SAP/ERP solutions, and job accounting solutions.
- **Get added value with an environmentally-friendly product.** Designed with the environment in mind, the printer has met stringent requirements to reduce energy consumption, noise levels, and chemical emissions. In addition, the printer is designed for long-term usage, accommodates recycled paper, and has parts and supplies that can be returned and recycled through HP's take-back program.[2]

HP printing and imaging systems help you create powerful, professional communications easily. HP printers, supplies, accessories, and services are designed to work together and are invented to meet your business needs.
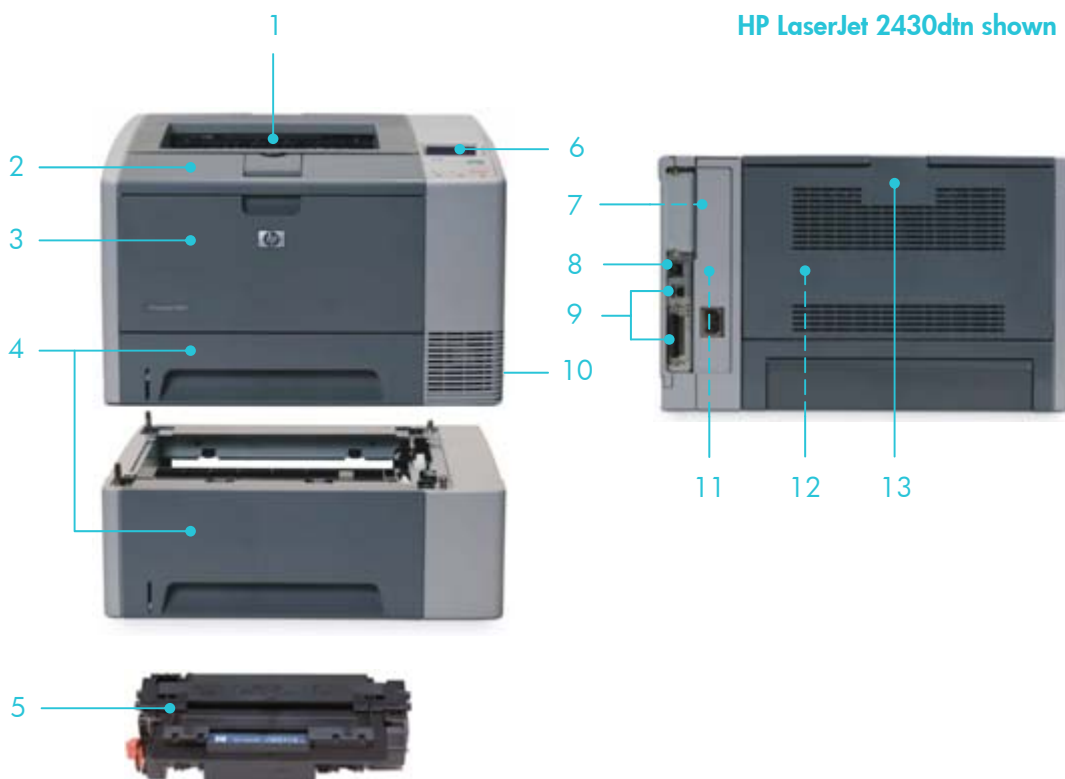
[1] Using genuine HP supplies ensures availability of all HP printing features.
[2] There may be a small charge for the take-back of hardware products. HP's environmental return program varies by region.

HP LaserJet 2400 series printer

1. 250-sheet top output bin with long paper extension

2. One-door access to the easy-to-install print cartridge

3. 100-sheet multipurpose tray enables automatic and manual feeding of special papers

4. 250-sheet input tray and 500-sheet input tray for an 850-sheet total input capacity of both letter- and legal-sized media

5. Get true HP LaserJet print quality with the advanced toner formula and print cartridge technology in the HP LaserJet Q6511A Smart print cartridge[3]—HP delivers sharp black text and consistent, professional results for as long as the cartridge lasts

6. Intuitive, two-line control panel with a built-in help function

7. Two Compact Flash slots provide optional access to additional fonts and enable third-party solutions

8. HP Jetdirect Fast Ethernet embedded print server for easy network sharing

9. Hi-Speed USB 2.0 and parallel ports provide simple direct connections

10. On/off switch

11. 64 MB DDR memory expandable to 320 MB, and a powerful 400 MHz processor

12. Automatic two-sided printing

13. 100-sheet rear output bin provides a straight-through paper path for specialty papers

HP LaserJet 2430dtn shown

Series at a glance

2420	2420d	2420dn	2430	2430n	2430tn	2430dtn
• Print speed of up to 30 ppm	• Print speed of up to 30 ppm	• Print speed of up to 30 ppm	• Print speed of up to 35 ppm	• Print speed of up to 35 ppm	• Print speed of up to 35 ppm	• Print speed of up to 35 ppm
• 32 MB RAM, expandable to 288 MB	• 48 MB RAM, expandable to 304 MB	• 64 MB RAM, expandable to 320 MB	• 32 MB RAM, expandable to 288 MB	• 64 MB RAM, expandable to 320 MB	• 64 MB RAM, expandable to 320 MB	• 64 MB RAM, expandable to 320 MB
• 100-sheet multipurpose tray	• 100-sheet multipurpose tray	• 100-sheet multipurpose tray	• 100-sheet multipurpose tray	• 100-sheet multipurpose tray	• 100-sheet multipurpose tray	• 100-sheet multipurpose tray
• 250-sheet input tray	• 250-sheet input tray	• 250-sheet input tray	• 250-sheet input tray	• 250-sheet input tray	• 250-sheet input tray	• 250-sheet input tray
	• Built-in automatic two-sided printing	• Built-in automatic two-sided printing		• HP Jetdirect Fast Ethernet embedded print server	• 500-sheet input tray	• 500-sheet input tray
		• HP Jetdirect Fast Ethernet embedded print server			• HP Jetdirect Fast Ethernet embedded print server	• Built-in automatic two-sided printing
						• HP Jetdirect Fast Ethernet embedded print server

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[3] Using genuine HP supplies ensures availability of all printing features.

An easy-to-use, cost-effective, reliable laser printer for small workteams.

Lasting value

A number of elements designed into the printer contribute to significant cost savings over time. Genuine HP LaserJet Smart print cartridges[4] provide reliable operation and professional print quality, minimizing user intervention and improving productivity.

No matter which model you choose, the printer is expandable to meet the needs of your growing business:

- Increase office productivity with more memory, additional fonts, and third-party Compact Flash solutions, such as intelligent e-forms, secure printing, barcode printing, SAP/ERP solutions, and job accounting solutions.
- Spend less time loading paper with the optional 500-sheet tray for a total input capacity of 850 sheets.
- Enjoy the ultimate in printing flexibility and freedom with HP's industry-leading mobile and wireless printing solutions. The printer supports HP Jetdirect 802.11b/g wireless Ethernet print servers and the HP Mobile Print Driver for Windows®, a common driver for basic printing to nearly any HP printer. For more information, go to www.hp.com/go/mpd4w.

By far the biggest contributor to user productivity and lower costs is the reliability of HP equipment, support, and service. For over a decade, Hewlett-Packard has consistently received the top grade in PC Magazine's Service and Reliability Survey and recently received one of the first-ever A+ ratings.

Easy to integrate and use

Designed for easy use, the HP LaserJet 2400 series printer is simple to operate and maintain—a feature that is crucial for small businesses, which often do not have IT support. The HP LaserJet all-in-one print cartridge simplifies supplies management and makes it easier to maintain the printer.

Legendary HP service and support

HP offers a variety of support options to assist you in the setup and maintenance of the HP LaserJet 2400 series printer. Start with a one-year, return-to-HP limited warranty backed by free telephone and Web support from the award winning HP Customer Care. To customize the printer for your unique business profile, consider upgrading service and support options such as installation, network installation, advanced maintenance, and post-warranty support.

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[4] Using genuine HP supplies ensures availability of all printing features.

HP LaserJet 2400 series printer

Technical specifications	HP LaserJet 2420 (Q5956A)	HP LaserJet 2420d (Q5957A)	HP LaserJet 2420dn (Q5959A)	HP LaserJet 2430 (Q5954A)	HP LaserJet 2430n (Q5964A)	HP LaserJet 2430tn (Q5961A)	HP LaserJet 2430dtn (Q5962A)
Print speed[5]	Up to 30 ppm, letter			Up to 35 ppm, letter			
First page out	Under 10 seconds						
Resolution	Up to 1200 by 1200 dpi with HP ProRes 1200, Resolution Enhancement technology (REt)						
Processor	400 MHz MIPS 20KC						
Memory							
RAM	32 MB standard, expandable to 288 MB	48 MB standard, expandable to 304 MB	64 MB standard, expandable to 320 MB	32 MB standard, expandable to 288 MB	64 MB standard, expandable to 320 MB		
Technology	Two 100-pin DDR DIMM slots (one open), Memory Enhancement technology (MEt)						
Flash memory	Two Compact Flash slots						
Duty cycle	Up to 75,000 pages per month			Up to 100,000 pages per month			
Printer language	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing (v 1.3) with at least 128 MB of printer memory						
Typefaces included	80 HP font set (plus Greek, Hebrew, Cyrillic, Arabic)						
Paper handling							
Input capacity	100-sheet multipurpose tray 1, 250-sheet input tray 2					100-sheet multipurpose tray 1, 250-sheet input tray 2, 500-sheet input tray 3	
Output capacity	250-sheet top output bin; up to 10 envelopes, 75 transparencies; 100-sheet rear output bin						
Two-sided printing	Manual (driver support provided)	Automatic		Manual (driver support provided)			Automatic
Sizes	Multipurpose tray 1: 3 by 5 to 8.5 by 14 in (76 by 127 to 216 by 356 mm); letter, legal, executive, envelopes; trays 2 and 3: letter, legal, executive; automatic two-sided printing unit: letter, legal						
Weights	Tray 1, straight-through paper path for special paper and heavier stock: 16 to 53 lb (60 to 200 g/m²); tray 2, 3: 16 to 32 lb (60 to 120 g/m²)						
Types	Paper (plain, preprinted, letterhead, prepunched, bond, recycled, color, rough), transparencies, labels, envelopes, cardstock, user-defined						
Connectivity							
Interfaces	IEEE 1284-B compliant parallel port, Hi-Speed USB 2.0 port, EIO slot						
Network interfaces	Optional		HP Jetdirect Fast Ethernet embedded print server	Optional	HP Jetdirect Fast Ethernet embedded print server		
Client operating systems	Microsoft® Windows® 98, Me, NT 4.0 (parallel and network connections only), 2000, XP, Server 2003; Apple Mac OS 9.x and later, OS X v10.1 or later; optional: OS/2, UNIX®, Linux®, HP OpenVMS						
Network operating systems	Via HP Jetdirect print servers: Microsoft Windows 98, Me, NT 4.0, 2000, XP, XP 64-Bit, Server 2003; Novell NetWare 3.2, 4.2, 5.x, 6.x; Apple Mac OS 8.6 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, 9, 10 (SPARC systems only); IBM AIX 3.2.5 and later; MPE-iX; Citrix MetaFrame; Windows Terminal Services						
Network protocols supported	Via HP Jetdirect print servers: 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, 3), HTTP						
Dimensions (w by d by h)	16.7 in by 15.7 by 10.2 (425 by 400 by 260 mm)					16.7 in by 15.7 by 15.7 (425 by 400 by 400 mm)	
Weight	36 lb (16.3 kg)					48.5 lb (22 kg)	
What's in the box	Power cord, control panel overlay,[6] print cartridge, software and documentation on CD-ROM, Start Guide, support flyer						
Also includes	HP LaserJet 2420 printer	HP LaserJet 2420d printer (includes built-in automatic two-sided printing)	HP LaserJet 2420dn printer (includes built-in automatic two-sided printing and HP Jetdirect embedded print server)	HP LaserJet 2430 printer	HP LaserJet 2430n printer (includes HP Jetdirect embedded print server)	HP LaserJet 2430tn printer (includes HP Jetdirect embedded print server), 500-sheet input tray 3	HP LaserJet 2430dtn printer (includes built-in automatic two-sided printing and HP Jetdirect embedded print server), 500-sheet input tray 3

Environmental ranges

Operating temperature	59 to 89 degrees F (15 to 32.5 degrees C)
Storage temperature	-4 to 104 degrees F (-20 to 40 degrees C)
Relative humidity	Recommended: 10 to 80 percent, RH; non-operating: 10 to 90 percent, RH

Acoustics

Sound power	2420 engine: active: 6.7 B(A); Standby: inaudible
	2430 engine: active: 6.8 B(A); Standby: inaudible
Sound pressure	Active: 53 dB(A); Standby: inaudible

Power specifications[7]

Input requirements	110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz)
Consumption	Active: 625 watts; Standby: 11 watts; Powersave: 8.5 watts; Off: 0.4 Energy Star® compliant

Power certifications

Safety	IEC 60950 (International), IEC 60825-1+A1+A2, UL/cUL Listed (US/Canada), EN 60825-1+A11+A2 Class 1, 21 CFR Ch. 1/SubCh. J (Class 1 Laser/LED Device) GB4943-2001, other safety approvals as required by individual countries.
EMC	CISPR 22:1997/EN 55022:1998 Class B, EN 61000-3-2:2000, EN 61000-3-3:1995+A1, EN 55024:1998, FCC Title 47 CFR, Part 15 Class B (USA), ICES-003, Issue 4, (Canada), GB9254-1998, other EMC approvals as required by individual countries.
Warranty	One-year, return to HP authorized service center warranty

[5] Exact speed varies depending on the system configuration, software application, and document complexity.
[6] Included only when needed to change the language on the control panel for a country/region.
[7] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This can damage the printer and void the product warranty.
[8] Declared yield value in accordance with ISO/IEC 19752.

Ordering information

Product	Number
HP LaserJet 2420 printer	Q5956A
HP LaserJet 2420d printer	Q5957A
HP LaserJet 2420dn printer	Q5959A
HP LaserJet 2430 printer	Q5954A
HP LaserJet 2430n printer	Q5964A
HP LaserJet 2430tn printer	Q5961A
HP LaserJet 2430dtn printer	Q5962A
Paper handling accessories	
500-sheet input tray	Q5963A
Print cartridges	
HP LaserJet Smart print cartridge. Average cartridge yield 6,000 standard pages[8]	Q6511A
HP LaserJet Smart print cartridge. Average cartridge yield 12,000 standard pages[8]	Q6511X
Memory	
64 MB 100-pin DDR DIMM	Q7715A
128 MB 100-pin DDR DIMM	Q7718A
256 MB 100-pin DDR DIMM	Q7719A
Cables	
HP IEEE 1284-compliant bidirectional parallel cable, 2 meter	C2950A
HP IEEE 1284-compliant bidirectional parallel cable, 3 meter	C2951A
USB A to B cable, 2 meter	C6518A
Connectivity	
HP Jetdirect 625n Gigabit Ethernet internal print server	J7960G
HP Jetdirect 620n Fast Ethernet internal print server	J7934G
HP Jetdirect 680n 802.11b wireless Ethernet internal print server	J6058G
HP Jetdirect ew2400 802.11g wireless & Fast Ethernet external print server (USB 2.0)	J7951G
Service and support	
HP Care Pack, 3-year, next-day exchange	U3790E
HP Care Pack, 3-year, next-business-day onsite response	U3791E
HP Care Pack, Installation service: 1 printer, 1 incident	H4513E
HP Care Pack, Installation service: 1 network configuration	H3110E
HP papers	
HP Multipurpose Paper, letter	HPM1120
HP Multipurpose Paper, legal	HPM1420
HP Printing Paper, letter	HPP1122
HP LaserJet Paper, letter	HPJ1124
HP LaserJet Paper, legal	HPJ1424
HP Premium Choice Paper, letter	HPU1132
Third-party solutions	
www.hp.com/go/gsc	

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

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