

# HP LaserJet 2400 Printer series



Experience high quality output and flexible features with this great value monochrome LaserJet printer. It enables fast print speeds up to 33 ppm with user-friendly design and maximises productivity with its network management tools<sup>1</sup>.



HP LaserJet 2420/d/n/dn  
Printer



HP LaserJet 2430t/tn/dtn  
Printer

**Ideal for work teams of 2 – 12 users and professional individuals with advanced printing needs in any size office that require a value-packed, user-friendly black and white laser printer that delivers professional results instantly.**

**Increase the efficiency of your team with a reliable printer that requires lower user intervention.**

- Simplify print job management with an intuitive, two-line control panel, and a print cartridge that is easy to use and maintain.
- HP Smart Printing Technology<sup>2</sup> creates automatic alerts when the cartridge is low.
- The HP Embedded Web Server enables one-to-one network printer management, while HP Web Jetadmin<sup>1</sup> helps to manage fleets of peripherals.
- Network-ready models<sup>3</sup> include an HP Jetdirect Fast Ethernet Embedded Print Server, which leaves the EIO slot open for even more connectivity options.

**Get consistently outstanding print quality without compromising performance.**

- Create professional looking documents with crisp text and sharp graphics at true 1200 x 1200 dpi resolution at full engine speed.
- HP Smart Printing Technology<sup>2</sup> ensures printing properties are automatically adjusted for consistent quality and reliability.
- Increase efficiency with fast speeds up to 33 ppm and a first page out in less than 10 seconds with Instant-on Technology.
- Easily handle your most complex documents with the fast 400 MHz processor and expandable memory up to 320 MB.

**A value-packed printer that adapts easily to the changing needs of your business.**

- Use a wide range of media types and sizes with a 100-sheet multipurpose input tray and 250-sheet input tray.
- Save time by increasing maximum input capacity to 850 sheets with the optional 500-sheet input tray<sup>4</sup>.
- Automatic two-sided printing<sup>5</sup> offers greater finishing capabilities and reduces paper consumption.
- Use the two CompactFlash™ slots for third-party solutions such as more font choices, intelligent e-forms, secure printing, barcode printing, SAP/ERP solutions, and job accounting solutions.

<sup>1</sup>Management tools such as Web Jetadmin and Embedded Web Server are available on the HP LaserJet 2420n/dn and 2430tn/dtn models only.

<sup>2</sup>Using genuine HP supplies ensures availability of all HP Smart Printing features.

<sup>3</sup>Embedded networking standard on HP LaserJet 2420n/dn and HP LaserJet 2430tn/dtn models only.

<sup>4</sup>The 500-sheet input tray is an optional accessory on HP LaserJet 2420 Printer series, standard with 2430 Printer series.

<sup>5</sup>The automatic two-sided printing unit is available on the HP LaserJet 2420d/dn and 2430dtn models only. It is not an optional accessory that can be added on to other models.

## Technical specifications

	HP LaserJet 2420 Printer series:	HP LaserJet 2430 Printer series:	
<b>Print speed</b> First page out	Up to 28 ppm Less than 10 secs Exact speed varies depending on the system configuration, software application, and document complexity.	Up to 33 ppm Less than 10 secs	
<b>Processor</b>	400 MHz MIPS 20KCC	400 MHz MIPS 20KCC	
<b>Memory</b>	Slots: Two 100-pin DDR DIMM slots (one open), two open CompactFlash™ slots Standard: 2420: 32 MB, d: 48 MB, n/dn: 64 MB Maximum: 2420: 288 MB, d: 304 MB, n/dn: 320 MB Using: Memory Enhancement technology (MET), Double Data Rate memory technology	2430t: 48 MB, n/dn: 64 MB 2430m: 304 MB, n/dn: 320 MB	
<b>Print technology</b>	Laser		
<b>Print quality</b>	Best/normal: up to 1200 x 1200 dpi Draft: up to 600 x 600 dpi	Best/normal: up to 1200 x 1200 dpi Draft: up to 600 x 600 dpi	
<b>Printer languages</b>	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)		
<b>Economical printing</b>	Economode (saves toner), return to powersave mode after print job with the instant-on fuser technology (saves electricity), duplex and N-up printing (saves paper)		
<b>Typefaces/fonts</b>	80 HP font set (plus Greek, Hebrew, Cyrillic, Arabic)		
<b>Duty cycle</b>	Up to 75,000 pages per month	Up to 100,000 pages per month	
<b>Print margins</b>	Top: 5 mm, left: 5 mm, right: 5 mm, bottom: 5 mm		
<b>Paper handling</b>	<b>Input Capacity</b> Tray 1: 100-sheet/10 envelope multipurpose tray Tray 2: 250-sheet input tray Tray 3: 500-sheet input tray <sup>1</sup> <b>Output</b> Straight-through paper path for special media & heavier stock, 250-sheet top output bin, 100-sheet rear output bin. <b>Duplex printing</b> 2420/n: Manual (driver support provided) 2420d/dn: Automatic (standard)	<b>Weight</b> 60 g/m <sup>2</sup> to 200 g/m <sup>2</sup> (straight through paper path for special media and heavier stock) 60 to 120 g/m <sup>2</sup> 60 to 120 g/m <sup>2</sup>	<b>Size</b> A4, A5, B5 (JIS), envelopes, letter, legal, executive, 76 x 127 to 216 x 356 mm A4, A5, B5 (JIS), letter, legal, executive A4, A5, B5 (JIS), letter, legal, executive
<b>Interface and connectivity</b>	2420/d: 1 IEEE 1284-B compliant parallel port, 1 Hi-Speed USB (compatible with USB 2.0 specifications) port, 1 open EIO slot, networkable via HP Jetdirect Internal Print Server  2420n/dn: Same as 2420 plus HP Jetdirect Fast Ethernet Embedded Print Server <b>Optional:</b> HP Jetdirect Internal Print Servers, HP Jetdirect External Print Servers, HP Wireless Print Servers, HP Jetdirect Connectivity Card for USB/serial/LocalTalk, Bluetooth wireless	2430t: 1 IEEE 1284-B compliant parallel port, 1 Hi-Speed USB (compatible with USB 2.0 specifications) port, 1 open EIO slot, networkable via HP Jetdirect Internal Print Server 2430m/dn: Same as 2430t plus HP Jetdirect Fast Ethernet Embedded Print Server	
<b>Operating systems compatibility</b>	<b>Standard:</b> 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 v.10.1 or later <b>Optional:</b> OS/2, UNIX, Linux®, HP OpenVMS Most recent printer drivers and software for all supported operating systems available at <a href="http://www.hp.com/support/lj2400">http://www.hp.com/support/lj2400</a> ; OS/2 drivers are available from IBM and are packaged with OS/2		
<b>Network operating systems compatibility</b>	<b>Standard:</b> 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, Terminal Server/Citrix <b>Optional:</b> Microsoft Windows NT® 4.0, 2000, XP, Server 2003; Apple Mac OS 9.x, OS X		
<b>Minimum system requirements</b>	Microsoft® Windows® 98: Pentium® 90, 16 MB RAM, CD-ROM drive; Windows Me: Pentium 150, 32 MB RAM, CD-ROM drive; Windows NT® 4.0: Pentium 90, 32 MB RAM, CD-ROM drive; Windows 2000: 133 MHz processor, 64 MB RAM, CD-ROM drive; Windows XP: 233 MHz processor, 64 MB RAM, CD-ROM drive; Windows Server 2003: 550 MHz processor, 128 MB RAM (standard edition), 220 MB of free hard disk space for Windows, CD-ROM drive or Internet connection, IEEE 1284-compliant bidirectional parallel port, or USB 1.1, USB 2.0 Mac: 160 MB of free hard disk space for OS 9.x and Mac OS X v10.1 and later, CD-ROM drive, USB port or IEEE 1284-B compliant parallel port		
<b>Standard software</b>	Print drivers and installation software on CD-ROM; Microsoft® Windows® Installer, Macintosh Installer, HP PCL 6 and HP PCL 5e print drivers (Windows 95, 98, Me, NT 4.0, 2000, XP), HP Postscript Level 3 Emulation (Windows 98, Me, NT 4.0, 2000, XP, Server 2003), PostScript Printer Description files (Macintosh), Printer Dialog Extensions (Macintosh), HP LaserJet Utility (Macintosh), HP LaserJet Toolbox		
<b>Printer management</b>	HP Web Jetadmin, HP LaserJet Utility, HP Embedded Web Server, E-Toolbox		
<b>Power requirements</b>	Input voltage 100 to 127 VAC (± 10%), 50/60 Hz (± 2 Hz); 220 to 240 VAC (± 10%), 50/60 Hz (± 2 Hz) Internal power supply		
<b>Power consumption</b>	625 watts (printing), 11 watts (standby), 8.5 watts (powersave), 0.4 watts (off)		
<b>Dimensions (w x d x h)</b>	Out of package: 425 x 400 x 260 mm Packaged: 592 x 495 x 347 mm	Out of package: 425 x 400 x 400 mm Packaged: 592 x 495 x 575 mm	
<b>Weight</b>	Out of package: 16.3 kg, packaged: 19 kg	Out of package: 22 kg, packaged: 24 kg	
<b>Operating environment</b>	Operating temperature: 15 to 32.5° C, recommended operating temperature: 15 to 32.5° C, operating humidity: 10 to 80% RH, recommended operating humidity: 10 to 80% RH, storage temperature: -20 to 40° C, storage humidity: 10 to 90% RH. Noise level per ISO 9296; Sound power: LwAd; 6.4 B(A) active, inaudible standby; Sound pressure: LpAm; bystander: 53 dB(A) active, inaudible standby; operator: 60 dB(A) active, inaudible standby	Noise level per ISO 9296; Sound power: LwAd; 6.5 B(A) active, inaudible standby; Sound pressure: LpAm; bystander: 53 dB(A) active, inaudible standby; operator: 60 dB(A) active, inaudible standby	
<b>Safety</b>	IEC 60950 (International), EN 60950 (EU), IEC 60825-1+A1+A2, UL/cUL Listed (US/Canada), GS license (Europe), EN 60825-1+A1+A2 Class 1, 21 CFR Ch. 1/SubCh. J (Class 1 Laser/LED Device) GB4943-2001, Low Voltage Directive 73/23/EEC with CE Marking (Europe); other safety approvals as required by individual countries		
<b>Certifications</b>	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 (US), ICES-003, Issue 4 (Canada), GB9254-1998, EMC Directive 89/336/EEC with CE Marking (Europe); other EMC approvals as required by individual countries		
<b>Warranty</b>	One-year limited warranty, return to HP/dealer, optional HP Care Pack available		

<sup>1</sup>The 500-sheet input tray is an optional accessory on HP LaserJet 2420 Printer series, standard with 2430 Printer series.

<http://www.hp.com>

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## Ordering information

HP LaserJet 2420 Printer series	
<b>Q5956A</b>	HP LaserJet 2420 Printer, power cord, control panel overlay (included only when needed to change the language on the control panel for a country/region), print cartridge, software and documentation on CD-ROM, start guide, support flyer
<b>Q5957A</b>	HP LaserJet 2420d Printer as above plus: built-in automatic two-sided printing
<b>Q5958A</b>	HP LaserJet 2420n Printer, as above plus: HP Jetdirect Fast Ethernet Embedded Print Server
<b>Q5959A</b>	HP LaserJet 2420dn Printer, as above plus: built-in automatic two-sided printing
HP LaserJet 2430 Printer series	
<b>Q5960A</b>	HP LaserJet 2430t Printer, 500-sheet input tray (tray 3), power cord, control panel overlay (included only when needed to change the language on the control panel for a country/region), print cartridge, software and documentation on CD-ROM, start guide, support flyer
<b>Q5961A</b>	HP LaserJet 2430tn Printer, as above plus: HP Jetdirect Fast Ethernet Embedded Print Server
<b>Q5962A</b>	HP LaserJet 2430dn Printer, as above plus: built-in automatic two-sided printing
Accessories	
<b>Q5963A</b>	HP 500-sheet Input Tray <sup>1</sup>
<b>Q7713A</b>	HP 32 MB 100-pin DDR DIMM
<b>Q7715A</b>	HP 64 MB 100-pin DDR DIMM
<b>Q7718A</b>	HP 128 MB 100-pin DDR DIMM
<b>Q7719A</b>	HP 256 MB 100-pin DDR DIMM
Supplies	
<b>Q6511A</b>	HP LaserJet smart print cartridge (6,000 pages) <sup>2</sup>
<b>Q6511X</b>	HP LaserJet smart print cartridge (12,000 pages) <sup>2</sup>
<sup>2</sup> Declared yield value in accordance with ISO/IEC 19752	
Connectivity	
<b>J7934A</b>	HP Jetdirect 620n Fast Ethernet Internal Print Server
<b>J7960A</b>	HP Jetdirect 625n Gigabit Ethernet Internal Print Server
<b>J6058A</b>	HP Jetdirect 680n 802.11b Internal Print Server
<b>J7951A</b>	HP Jetdirect ew2400 802.11g Wireless and Fast Ethernet External Print Server (USB 2.0)
<b>J6072A</b>	HP bi1300, Bluetooth™ Print Adapter (for USB or parallel)
To view the complete range of connectivity options please visit <a href="http://www.hp.com">http://www.hp.com</a>	
Service & support	
<b>U3790A/E</b>	HP Care Pack, 3-year, next business day exchange
<b>U3791A/E</b>	HP Care Pack, 3-year, next business day on-site
<b>H3110E</b>	Installation & network configuration for 1 network printer

