

# HP LaserJet 9040/9050 series printer

9040 • 9040n • 9040dn • 9050n • 9050dn



Experience high-performance, high-volume 11 by 17 black-and-white printing in a versatile office printer.

## Extensive versatility

- **Minimize user intervention and maximize flexibility.** With a 100-sheet multipurpose tray, two 500-sheet input trays, an optional 2,000-sheet input tray, and an extensive selection of output accessories, the HP LaserJet 9040/9050 series printer meets your high-volume needs.
- **Take advantage of advanced finishing options.** With the optional 2,000-sheet 8-bin mailbox, assign each bin to an individual, workgroup, or department, to enable easy job retrieval. The mailbox features a sorter/collator, a stacker, and a job separator for fast, simple document customizations. Employ an optional 3,000-sheet stacker, 3,000-sheet stapler/stacker, or a 1,000-sheet multifunction finisher for booklets to enable efficient document production.
- **Automatically produce professional two-sided documents.** Routinely printing documents on both sides virtually doubles your input capacity and makes paperwork more manageable.<sup>1</sup>
- **Expand your connectivity options as your needs grow.** Two open EIO slots provide high-performance solutions. Add the optional 20 GB hard disk or HP Jetdirect wireless Ethernet networking and increase your productivity.
- **Increase your printing options.** Adjustable paper trays allow edge-to-edge printing on custom media up to 12.3 by 18.5 inches and provide a variety of media simultaneously to meet your specialized needs. The 100-sheet multipurpose tray supports custom heavy custom media up to 58 lb (216 g/m<sup>2</sup>) and all trays support media up to 53 lb (200 g/m<sup>2</sup>) to offer the utmost in versatility.

## Cost-effective

- **Manage your business more efficiently with integrated solutions.** Optional HP and third-party software provide integrated solutions for businesses, including form, check, and barcode printing, to help your business run smoothly.
- **Save valuable time and cut costs.** Optional installation and configuration services, maintenance kits, and extended warranty options make the printer worry-free.

- **Enjoy effortless network management.** Use HP Web Jetadmin for remote installation, configuration, and proactive management of your network peripherals. The HP Embedded Web Server performs remote diagnostics, sends e-mail alerts, provides job tracking and accounting information, to save you time and money.<sup>2</sup>

## Highly reliable

- **Get fast, professional printing and a quick first page out.** The HP LaserJet 9050 series printer delivers speeds of up to 50 pages per minute (ppm) and the HP LaserJet 9040 series printer offers up to 40 ppm. Both printer series deliver a first page out in less than 8 seconds for most office documents. Industry-leading professional print quality and HP Smart printing technology<sup>3</sup> let you print multiple originals with consistently great-looking results.
- **Receive automatic supplies alerts.** Each print cartridge features HP Smart printing technology<sup>3</sup> that works with your printer to provide supplies information for simple maintenance and maximum uptime. When you receive an alert that a cartridge is low or out, you can enjoy convenient, online ordering with HP SureSupply.
- **Print office documents with ease.** Networked models yield fast file throughput for all your document production needs with an HP Jetdirect Fast Ethernet embedded print server for easy networking. All printers feature a quick, 533 MHz processor speed and expandable memory up to 512 MB, to gracefully handle your most complex documents.
- **Enable simple and secure printing.** The intuitive 10-key LCD control panel delivers effortless printer interaction. Use the Private Job feature to release confidential documents from the control panel. The Proof and Hold feature lets you review one copy of a multiple-copy print job and then use the control panel to release remaining copies.

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.

<sup>1</sup> Automatic two-sided printing comes standard with HP LaserJet 9040dn and 9050dn printers.

<sup>2</sup> These features available only with an HP Jetdirect print server, standard with HP LaserJet 9040n, 9040dn, 9050n, and 9050dn printers.

<sup>3</sup> Using genuine HP supplies ensures availability of all HP printing features.



# HP LaserJet 9040/9050 series printer

- 1 Automatic two-sided printing unit offers fast, efficient duplexing
- 2 Control panel with 10-key number pad simultaneously displays up to four lines of text and animated graphics
- 3 100-sheet multipurpose tray handles heavy custom media up to 58 lb or 216 g/m<sup>2</sup>
- 4 Adjustable 500-sheet input trays 2 and 3
- 5 Optional 2,000-sheet input tray 4 delivers high-volume printing
- 6 Enjoy the legendary quality and reliability of HP LaserJet printing with the HP LaserJet C8543X Print Cartridge—HP's Smart printing technology<sup>4</sup> and advanced microfine toner formula makes sharp, professional printing easy, reliable and cost-effective
- 7 Optional 2,000-sheet 8-bin mailbox enables automatic document sorting for individuals and departments
- 8 HP Jetdirect Fast Ethernet embedded print server enables networking
- 9 128 MB total memory and a powerful 533 MHz processor perform complex tasks quickly
- 10 Bidirectional IEEE 1284-B compliant parallel port

HP LaserJet 9050dn printer with optional 2,000-sheet 8-bin mailbox and optional 2,000-sheet input tray shown



## Series at a glance



**HP LaserJet 9040**

- 40 ppm
- Two 500-sheet input trays for 1,000-sheet capacity
- 64 MB memory
- Two empty EIO slots



**HP LaserJet 9040n**

- Base model plus:
- 100-sheet multipurpose tray for 1,100-sheet capacity
  - HP Jetdirect Fast Ethernet embedded print server
  - 128 MB total memory



**HP LaserJet 9040dn**

- Base model plus:
- Automatic two-sided printing unit
  - 100-sheet multipurpose tray for 1,100-sheet capacity
  - HP Jetdirect Fast Ethernet embedded print server
  - 128 MB total memory



**HP LaserJet 9050n**

- 50 ppm
- 100-sheet multipurpose tray and two 500-sheet input trays for 1,100-sheet capacity
- HP Jetdirect Fast Ethernet embedded print server
- 128 MB total memory
- Two empty EIO slots



**HP LaserJet 9050dn**

- Base model plus:
- Automatic two-sided printing unit

<sup>4</sup> Using genuine HP supplies ensures availability of all HP printing features.

# Deliver documents across your extended work environment.

## Distributed printing

The HP LaserJet 9040/9050 series printer has the power and versatility to deliver intelligent distributed printing to any organization. Integrated business solutions from HP and key partners provide unsurpassed compatibility in most business environments—even those with multiple hardware and software platforms. Effectively and efficiently route monthly statements, invoices, purchase orders, and large reports and reduce or eliminate costs and distribution time associated with centralized printing. Intelligent print distribution delivers business advantages:

- Faster, more convenient access to information
- Confidentiality
- Local control over documents
- Improved utilization of network printers
- Reduced costs

## Speed and performance

Designed to process documents quickly, the HP LaserJet 9040/9050 series printer features technology that lets you take advantage of the powerful print engine. The 533 MHz processor, RIP-once technology, and HP FastRes 1200 printing technology render print jobs efficiently at full engine speed—50 ppm with the HP LaserJet 9050 series printer and 40 ppm with the HP LaserJet 9040 series printer.

The quick HP Jetdirect Fast Ethernet embedded print server eliminates information flow bottle-necks from the network to your printer. HP Jetdirect-connected printers offer easy remote management: HP Embedded Web Server enables one-to-one network printer management while HP Web Jetadmin helps network administrators manage fleets of peripherals.

## Mobile printing solutions

HP is the industry leader for mobile and wireless printing solutions. Enjoy the ultimate in printing flexibility and freedom with HP Jetdirect wireless Ethernet print servers, the HP Bluetooth® wireless printer adapter, and the HP Mobile Print Driver for Windows®, a common driver for basic printing to nearly any HP printer.

## Financing, service and support

With HP's flexible acquisition, maintenance and service options, you can integrate the HP LaserJet 9050 series printer into your environment in the way that makes the most sense for your business.

The HP LaserJet 9040/9050 series printer includes a one-year, next business day onsite warranty, backed by award-winning HP Customer Care and HP Instant Support Professional Edition.

HP Managed Office Services for Imaging and Printing can manage your entire printing infrastructure including hardware, supplies, support, services, software, consulting, integration, and project management. HP Pay per use for Imaging and Printing Solutions deliver a scalable standard and custom service options tailored to meet your specific needs: HP provides everything you need for reliable printing, including site assessment and design for optimized print productivity coupled with unsurpassed repair and maintenance support.

## Advanced paper handling options



### 2,000-sheet 8-bin mailbox

Each mailbox bin can be assigned to an individual, workgroup, or department for easy job retrieval. The mailbox is also equipped with a sorter/collator, stacker, and job separator.



### Stacker

Stacks up to 3,000 sheets of paper with job offset.



### Stapler/stacker

Provides 3,000-sheet stacker capabilities as well as multi-position stapling for up to 60 sheets of paper per job.



### Multifunction finisher

Provides 1,000 sheets of stacking capacity, stapling for up to 50 sheets of paper per job, plus folding and saddle stitching for booklets of up to 10 sheets of paper.

# HP LaserJet 9040/9050 series printer

| Technical specifications                 | HP LaserJet 9040 (Q7697A)   | HP LaserJet 9040n (Q7698A)/9050n (Q3722A)  | HP LaserJet 9040dn (Q7699A)/9050dn (Q3723A)   |
|--|---|--|---|
| <b>Print speed</b>                       | 9040 series: up to 40 ppm, letter; 9050 series: up to 50 ppm, letter  |  |   |
| <b>First page out</b>                    | Approximately 8 seconds   |  |   |
| <b>Resolution</b>                        | 600 by 600 dpi with HP FastRes 1200 and Resolution Enhancement technology (REI)   |  |   |
| <b>Processor</b>                         | 533 MHz   |  |   |
| <b>Memory, standard</b>                  | 64 MB DDR RAM (two open DIMM slots)   | 128 MB DDR RAM (two available DIMM slots)  |   |
| <b>Memory, maximum</b>                   | 512 MB DDR RAM  |  |   |
| <b>Duty cycle</b>                        | Up to 300,000 pages per month   |  |   |
| <b>Paper handling</b>                    | 500-sheet trays 2 and 3   |  |   |
| Paper input                              | 100-sheet multipurpose tray, 500-sheet trays 2 and 3  |  |   |
| Paper output                             | 600-sheet output bin (500 sheets face down, 100 sheets face up)   |  |   |
| Two-sided printing                       | Optional automatic two-sided print unit   |  | Automatic two-sided printing unit   |
| Sizes                                    | Multipurpose tray: 3.9 by 7.5 to 12.3 by 18.5 in (98 by 191 to 312 by 470 mm); letter, legal, tabloid, executive, JPostD<br>Automatic two-sided printing unit, trays 2 and 3: 5.8 by 8.3 to 11.7 by 17 in (148 by 210 to 297 by 432 mm); letter, letter-rotated, legal, tabloid, executive  |  |   |
| Weights                                  | Multipurpose tray and 8-bin mailbox top bin: 17 to 58 lb (64 to 216 g/m <sup>2</sup> ); Automatic two-sided printing unit, trays 2 and 3: 17 to 53 lb (64 to 200 g/m <sup>2</sup> )   |  |   |
| Types                                    | Paper (plain, preprinted, letterhead, prepunched, bond, color, recycled, rough), transparencies, labels, cardstock  |  |   |
| <b>Connectivity</b>                      |   |  |   |
| Interfaces                               | Bidirectional IEEE-1284-B compliant parallel port, two available EIO slots  | Bidirectional IEEE-1284-B compliant parallel port, two available EIO slots, HP Jetdirect Fast Ethernet embedded print server   |   |
| Languages                                | HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, direct PDF printing (v 1.3) with at least 128 MB printer enabled, XHTML-Print v 0.95, HP PJI (Printer Job Language), PML (Printer Management Language)  |  |   |
| Fonts                                    | 80 internal TrueType fonts scalable in HP PCL and HP postscript level 3 emulation; additional font solutions available via DIMMs  |  |   |
| Client operating systems                 | Microsoft® Windows® 98, Me, NT®, 2000, XP, Macintosh OS 9, OS 10  |  |   |
| Network operating systems <sup>5</sup>   | 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 |  |   |
| Network protocols supported <sup>5</sup> | 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, v 2c, v 3), HTTP                                    |  |   |
| <b>Dimensions (w by d by h)</b>          | 39 by 24.9 by 23.6 in (990.6 by 632.5 by 600 mm)  | 55 by 24.9 by 23.6 in (1397 by 632.5 by 600 mm)  |   |
| <b>Weight</b>                            | 140 lb (63.5 kg)  | 153 lb (69.4 kg)   | 168 lb (76.2 kg)  |
| <b>What's in the box</b>                 | HP LaserJet 9040 printer, power cord, parallel cable, HP LaserJet C8543X Black Print Cartridge with Smart Printing Technology <sup>6</sup> , printer documentation, printer software CD, control panel overlay, <sup>7</sup> face-up output bin, two 500-sheet input trays  | HP LaserJet 9040n/9050n printer, power cord, HP LaserJet C8543X Black Print Cartridge with Smart Printing Technology <sup>6</sup> , printer documentation, printer software CD, control panel overlay, <sup>7</sup> face-up output bin, two 500-sheet input trays, 100-sheet multipurpose tray, HP Jetdirect Fast Ethernet embedded print server | HP LaserJet 9040dn/9050dn printer, power cord, HP LaserJet C8543X Black Print Cartridge with Smart Printing Technology <sup>6</sup> , printer documentation, printer software CD, control panel overlay, <sup>7</sup> face-up output bin, two 500-sheet input trays, 100-sheet multipurpose tray, automatic two-sided printing unit, HP Jetdirect Fast Ethernet embedded print server |

<sup>5</sup> Not all protocol and operating system combinations are supported. For more information, go to: [www.hp.com/support/net\\_printing](http://www.hp.com/support/net_printing).

<sup>6</sup> Average cartridge yield 30,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.

<sup>7</sup> Included only when needed to change the language on the control panel for a country/region.

## Environmental ranges

|                        |  |
|------------------------|--|
| Operating temperature: | Operating: 50 to 91 degrees F (10 to 32.5 degrees C) |
| Relative humidity:     | 10 to 80 percent relative humidity                   |
| Altitude               | 0 to 10,000 ft (0 to 3100 m)                         |

## Acoustics<sup>8</sup>

|                      | 9040 series                         | 9050 series                         |
|----------------------|-------------------------------------|-------------------------------------|
| Power                | Active: 6.9 B(A); Ready: 5.3 B(A)   | Active: 7.2 B(A); standby: 5.6 B(A) |
| Pressure (bystander) | Active: 55 dB(A), standby: 39 d(B)A | Active: 56 dB(A), standby: 40 d(B)A |

## Power requirements

|          |  |
|----------|--|
| Input    | 110 to 127 V (±10 percent), 50/60 Hz (±2 Hz) |
| voltage: | 220 to 240 V (±10 percent), 50/60 Hz (±2 Hz) |

## Power consumption<sup>8</sup>

|            | 9040 series | 9050 series |
|------------|-------------|-------------|
| Maximum:   | 900 watts   | 1000 watts  |
| Standby:   | 200 watts   | 205 watts   |
| Powersave: | 21 watts    | 36 watts    |
| Off:       | 0.5 watts   | 0.3 watts   |

## Power certifications

EMC: CISPR 22: 1997/EN 55022: 1998 Class B, EN 61000-3-2: 2000, EN 61000-3-3: 1995, EN 55024: 1998, FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 4/GB9254-1998, GB17625.1-2003, EMC Directive 89/336/EEC and the Low Voltage Directive 73/23/EEC, and carries the CE-Marking accordingly  
Compliance/Safety: Argentina (TUV S Mark-Rs.92/98/Ds.1009/98), Canada (cUL-CAN/CSA C22.2 No.60950-00), China (GB4943), Mexico (NOM NYCE-NOM 019 SCFI), USA (UL-UL 60950, FDA-21 CFR Chapter 1 Subchapter J for lasers); Class 1 laser/LED product

## Warranty

One-year, next-business-day onsite warranty

## HP SureSupply enabled

To learn more, please visit [www.hp.com/go/SureSupply](http://www.hp.com/go/SureSupply)

<sup>8</sup> Values subject to change, see [www.hp.com/support/lj9050](http://www.hp.com/support/lj9050) for current information.

<sup>9</sup> Declared yield value in accordance with ISO/IEC 19752.



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Printed in the U.S.A.

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## Ordering information

| Product   | Number |
|---|--------|
| HP LaserJet 9040 printer  | Q7697A |
| HP LaserJet 9040n printer   | Q7698A |
| HP LaserJet 9040dn printer  | Q7699A |
| HP LaserJet 9050n printer   | Q3722A |
| HP LaserJet 9050dn printer  | Q3723A |
| <b>Connectivity</b>   |        |
| HP Jetdirect 625n Gigabit Ethernet internal print server  | J7960A |
| HP Jetdirect 620n Fast Ethernet internal print server   | J7934A |
| HP Jetdirect 680n 802.11b wireless Ethernet internal print server   | J6058A |
| HP bi1300 Bluetooth® wireless printer adapter   | J6072A |
| <b>Paper handling</b>   |        |
| 100-sheet multipurpose input tray   | C8568A |
| 2,000-sheet input tray  | C8531A |
| Automatic two-sided printing unit   | C8532A |
| 2,000-sheet 8-bin mailbox   | Q5693A |
| 3,000-sheet output stacker  | C8084A |
| 3,000-sheet output stacker/stapler  | C8085A |
| Multifunction finisher  | C8088B |
| <b>Supplies</b>   |        |
| HP LaserJet Black Print Cartridge with Smart Printing Technology. Average cartridge yield 30,000 standard pages. <sup>9</sup> | C8543X |
| HP Printer maintenance kit (110 V), after 350,000 pages   | C9152A |
| HP Printer maintenance kit (220 V), after 350,000 pages   | C9153A |
| <b>Memory and storage</b>   |        |
| 20 GB HP high-performance EIO hard disk   | J6073A |
| 64 MB 100 Pin DDR DIMM  | Q2625A |
| 128 MB 100 Pin DDR DIMM   | Q2626A |
| 256 MB 100 Pin DDR DIMM   | Q2627A |
| 512 MB 100 Pin DDR DIMM   | Q2628A |
| <b>Cables</b>   |        |
| Macintosh printer cable, 2-meter  | 922155 |
| Parallel cable, 2-meter IEEE 1284 (a to b)  | C2950A |
| Parallel cable, 3-meter IEEE 1284 (a to b)  | C2951A |
| <b>Service and support</b>  |        |
| HP Care Pack, onsite installation   | H7617E |
| HP Care Pack, onsite installation with network configuration  | H7621E |
| HP Care Pack, three-year, next-business-day, onsite service   | H7599E |
| HP Care Pack, three year, same day (within four hours), onsite service  | H7603E |
| <b>HP papers</b>  |        |
| North America: <a href="http://www.hp.com/go/everydaypapers">www.hp.com/go/everydaypapers</a> ; USA: 1-800-477-5010           |        |
| <b>Third-party solutions</b>  |        |
| <a href="http://www.hp.com/go/gsc">www.hp.com/go/gsc</a>  |        |

