

# HP LaserJet 9040/9050 Printer series



Increase efficiency with high-performance, high-volume, black-and-white printing up to A3 with paper-handling options, including an 8-bin mailbox. Get proven HP reliability and maximised productivity with powerful management features and optional HP solutions.

**These wide-format, black-and-white printers provide general office users in demanding workgroup environments and departments outstanding high-volume performance with proven HP reliability and design.**

#### Extensive versatility.

- Use the optional 8-bin mailbox to assign each bin to an individual, workgroup, or a department. The mailbox has a sorter/collator, a stacker, and a job separator for fast, simple document customisations.
- Employ an optional 3,000-sheet stacker, 3,000-sheet stapler/stacker, or a multifunction finisher for booklets to enable efficient document production.
- Minimise user intervention and maximise flexibility with an optional input capacity of up to 3,100 sheets and output of up to 3,600 sheets.

#### Cost effective and efficient to manage.

- Save on higher print volumes with HP's highly cost-efficient printers, which use an HP Smart Print cartridge yielding 30,000 pages<sup>1</sup>.
- Enjoy effortless network management with HP Web Jetadmin<sup>2</sup>, providing remote installation, configuration and proactive management of your network peripherals.
- Choose between the HP LaserJet 9050 for an impressive 50 ppm in simplex and duplex mode<sup>3</sup>, or the entry level HP LaserJet 9040, the affordable 40 ppm alternative with no compromise in versatility and upgradeability.

#### Fast and extremely reliable.

- Easily accommodate large volumes in departmental and light production environments with a duty cycle of 300,000 pages per month.
- Experience fast, worry free performance with print speeds of up to 50 ppm<sup>4</sup> and a first page out in less than 8 seconds.
- Complex documents pose no problem for the fast 533 MHz processor and up to 512 MB of double data rate (DDR) memory.
- Enable simple and secure printing with an intuitive 10 key LCD control panel. The private job feature allows confidential document printing and proof-and-hold feature lets you review a copy before printing.

<sup>1</sup>Declared yield value in accordance with ISO/IEC 19752.

<sup>2</sup>Standard on HP LaserJet 9040n/dn and 9050n/dn model printers.

<sup>3</sup>HP Automatic Duplex Unit: optional on HP LaserJet 9040/n and /9050/n printers, standard on HP LaserJet 9040dn/9050dn Printer.

<sup>4</sup>40 ppm on the HP LaserJet 9040, 50 ppm on the HP LaserJet 9050.



HP LaserJet 9040  
HP LaserJet 9050



HP LaserJet 9040n,  
HP LaserJet 9050n,  
shown with optional  
2000-sheet input tray



HP LaserJet 9040dn,  
HP LaserJet 9050dn,  
shown with optional  
2000-sheet input tray and  
8-bin mailbox

# HP LaserJet 9040/9050 Printer series

1. Automatic two-sided printing unit offers duplexing at full engine speed
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 bond or 216 g/m<sup>2</sup> (optional with 9040/9050, standard with 9040n/dn and 9050n/dn)
4. Adjustable 500-sheet input trays 2 and 3
5. Optional 2000-sheet input tray 4 delivers high-volume printing
6. Optional 8-bin mailbox enables automatic document sorting for individuals and departments
7. HP Jetdirect Fast Ethernet internal print server enables networking
8. Large standard memory (64 MB for base models or 128 MB for n/dn models) and a powerful 533 MHz processor enable complex tasks to be performed quickly
9. Bidirectional IEEE-1284-B compliant parallel port

HP LaserJet 9050dn printer shown with optional 2000-sheet input tray and optional 8-bin mailbox



## Versatile design

Add the following optional components to your HP LaserJet 9040/9050 Printer series to meet the needs of your business:

- 2,000-sheet input tray for up to 3,100-sheet capacity
- 8-bin mailbox, stacker, stapler/stacker, or multifunction finisher
- Add memory up to 512 MB
- Use the two available EIO slots for an optional HP Jetdirect wireless print server, 20 GB HP high-performance EIO hard disk, or HP and third-party software solutions for business functions including form, cheque, and barcode printing

## Series at a glance

### HP LaserJet 9040/9050: Base models

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

### HP LaserJet 9040n/9050n: n models

All of the features of the 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/9050dn: dn models

All of the features of the n model plus:

- Automatic two-sided printing unit

# Make life easier and get the most out of your HP LaserJet 9040/9050 Printer series with versatile, extended solutions.

## Management control

The HP LaserJet 9040/9050 Printer series incorporates advanced hardware and software features to make device management scalable – from a critical single device to your complete network of connected peripherals. The HP Embedded Web Server provides direct access to the HP LaserJet 9040/9050 Printer series on the network and allows full control to remotely configure device settings and e-mail alerts, monitor status, and diagnose device problems. HP Web Jetadmin enables remote installation, configuration, diagnostics and proactive management for all your network peripherals from a common web browser – device problems can be resolved quickly with direct access to targeted self-help information via the web.

## Powerful business printing solutions

Integrated business printing solutions from HP and key partners provide unsurpassed compatibility in almost any business environment – even those with multiple hardware and software platforms. Solutions can be mixed, matched and customised to provide you with a solution that truly meets your requirements. Consulting, implementation services and support are also available.

The range of intelligent printing solutions for the HP LaserJet 9040/9050 is designed to:

- maximise productivity
- reduce cost
- improve network printer utilisation
- accomplish everyday printing tasks more easily

Available solutions include:

- **Barcode printing** in any size or direction, automatic checksum and text, without specialty barcode printers. Recommended by SAP.
- **Cluster printing** to maximise throughput and usage, and to provide capacity and volume of ‘big iron’ printers at a fraction of the price.
- **Pull printing** to provide flexible and personalised printing by holding back printouts (on pull enabled printers) until an authorised recipient collects them.
- **Forms printing** is platform-independent, uses complex data remapping and calculations to produce customised and localised multipart forms from legacy and business applications.
- **Print cost tracking** to plan printer and consumable purchases, using real time and statistical information on printer usage.
- **Mobile printing solutions** with HP Jetdirect wireless Ethernet print servers, HP Bluetooth® wireless print adapter, and the HP Mobile Print Driver for Windows, a common driver for basic printing to nearly any HP Printer. Go to [www.hp.com/go/mpd4w](http://www.hp.com/go/mpd4w)

## Finance, service and support

With HP’s flexible acquisition and upgrade to maintenance and service options like HP installation, maintenance kits, extended warranties etc. you can integrate the HP LaserJet 9040/9050 series printer into your environment in a way that make sense for your business.

## Advanced paper handling options



**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 3000-sheet stacker capabilities as well as multi-position stapling for up to 50 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.

## Technical specifications

	HP LaserJet 9040 Printer series	HP LaserJet 9050 Printer series																
<b>Print technology</b>	Monochrome Laser	Monochrome Laser																
<b>Print speed</b>	A4: up to 40 ppm A3: up to 26 ppm First page out: less than 8 secs	A4: up to 50 ppm A3: up to 28 ppm First page out: less than 8 secs																
<b>Processor</b>	533 MHz, 20KC MIPS Microprocessor																	
<b>Memory</b>	Base models: 64 MB RAM, n/dn models: 128 MB RAM Expandable to 512 MB through 2 DDR DIMM slots using Double Data Rate memory technology Optional, 20 GB HP High-performance EIO hard disk																	
<b>Print quality</b>	Best: FastRes 1200 (1200 dpi quality), draft: up to 600 x 600 dpi																	
<b>Printer languages</b>	HP PCL 5e, HP PCL 6, HP Postscript Level 3 Emulation, PDF v 1.3 emulation, XHTML-Print v 0.95, HP PJI (Printer Job Language), PML (Printer Management Language)																	
<b>Economical printing</b>	Economode, duplex and N-up printing																	
<b>Typefaces/fonts</b>	80 scalable TrueType fonts																	
<b>Duty cycle</b>	Up to 300,000 pages per month																	
<b>Print margins</b>	A4 and A3: top: 1 mm, left: 1 mm, right: 1 mm, bottom, 1 mm																	
<b>Media handling</b>	<table border="1"> <thead> <tr> <th>Input</th> <th>Capacity</th> <th>Weight</th> <th>Size</th> </tr> </thead> <tbody> <tr> <td>Tray 1*</td> <td>100 sheet</td> <td>64 to 216 g/m<sup>2</sup></td> <td>A4, B4, B5, A3, A5, custom: 99 x 191 to 297 x 432 mm</td> </tr> <tr> <td>Tray 2/3</td> <td>500 sheet</td> <td>64 to 199 g/m<sup>2</sup></td> <td>A4, B4, B5, A3, A5, custom: 148 x 210 to 297 x 432 mm</td> </tr> <tr> <td>Duplex Unit</td> <td>-</td> <td>64 to 199 g/m<sup>2</sup></td> <td>-</td> </tr> </tbody> </table>	Input	Capacity	Weight	Size	Tray 1*	100 sheet	64 to 216 g/m <sup>2</sup>	A4, B4, B5, A3, A5, custom: 99 x 191 to 297 x 432 mm	Tray 2/3	500 sheet	64 to 199 g/m <sup>2</sup>	A4, B4, B5, A3, A5, custom: 148 x 210 to 297 x 432 mm	Duplex Unit	-	64 to 199 g/m <sup>2</sup>	-	
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	<b>Output:</b> Sheets: up to 600, envelopes: up to 60 (top and side bins), transparencies: up to 100 (top and side bins) <b>Duplex printing:</b> Base/n models: Automatic (optional with purchase of an automatic duplex unit), dn models: Automatic (standard) * 100-sheet multipurpose tray : optional with 9040/9050, standard with 9040n/dn and 9050n/dn.																	
<b>Interface and connectivity</b>	<b>Standard:</b> base models: IEEE 1284-B compliant parallel port, 2 open EIO slots, n/dn models: IEEE 1284-B compliant parallel port, HP Jetdirect Fast Ethernet Internal Print Server, 2 open EIO slots <b>Optional:</b> HP Jetdirect Internal Print Servers, external print servers, connectivity card for USB/serial/LocalTalk, and wireless connectivity. Optional HP Jetdirect 625n EIO Internal Print Server; HP Jetdirect 620n Fast Ethernet EIO Internal Print Server; HP Jetdirect 680n 802.11b Wireless EIO Internal Print Server; HP Jetdirect EIO Connectivity Card; HP Jetdirect 300x External Print Server (parallel port); HP Jetdirect 500x External Print Server (3 parallel ports); HP bt1300 Bluetooth® Wireless Print Adapter (for USB 1.1 or parallel)																	
<b>Operating systems compatibility</b>	<b>Standard:</b> Microsoft® Windows® 98, Me, NT, 2000, XP, Server 2003, Macintosh OS 9, OS 10 <b>Optional:</b> Printer driver support for the following OS provided via Internet: UNIX®, Linux, OS/2 Current drivers and software are available from the Internet. Depending on the configuration of Microsoft Windows driven computers, the installation program for the printer software automatically checks the computer for Internet access to obtain the latest software.																	
<b>Network operating systems compatibility</b>	<b>Standard:</b> 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 <b>Optional:</b> OS/2, UNIX, Linux; basic printing support for DOS. Current software and drivers are available from the Internet.																	
<b>Minimum system requirements</b>	Microsoft® Windows® 95 (basic functions only), 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; 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, 9.0.4, 9.1, 9.2, 10.1; CD-ROM drive or Internet connection; dedicated IEEE 1284 parallel port																	
<b>Standard software</b>	Print drivers and installation software on CD-ROM (HP PCL 5e, HP PCL 6, HP Postscript Level 3 Emulation)																	
<b>Control panel</b>	3 light-emitting diode (LED) indicator lights, 4 navigation buttons, dedicated Help button, dedicated Menu button, 10-key numeric pad, 4-line display, dedicated Stop button																	
<b>Power</b>	<b>Requirements:</b> 110 to 127 VAC (± 10%), 50/60 Hz (± 2 Hz); 220 to 240 VAC (± 10%), 50/60 Hz (± 2 Hz). <b>Supply:</b> Internal <b>Consumption:</b> Printing: 1000 watts, Off: 0.7 watts (base), 0.3 watts (n/dn), Powersave: 18 watts (base), 36 watts (n/dn), Standby: 197 watts (base), 205 watts (n/dn) Values current as of April 12, 2004. Power reported is the highest values measured using all standard voltages. See www.hp.com/support/lj9050 for current information.																	
<b>Dimensions (w x d x h)</b>	Out of package: 638 x 600 x 633 mm; packaged: 911.9 x 789.9 x 721.4 mm																	
<b>Weight (out of package/packaged)</b>	Base models: 63.5 kg/79 kg, n models: 69.4 kg/83.1 kg, dn models: 76.2 kg/89.8 kg																	
<b>Printer management</b>	HP Web Jetadmin																	
<b>Operating environment</b>	Environmental ranges: operating temperature: 10 to 32.5° C, recommended operating temperature: 10 to 32.5° C, operating humidity: 10 to 80% RH, recommended operating humidity: 10 to 80% RH, storage temperature: 0 to 40° C, storage humidity: 10 to 90% RH. Noise level per ISO 9296: sound power: LwAd 7.2 B(A) (printing A4 simplex from Tray 3 at 50 ppm), sound pressure: LpAm Active (bystander): 56 dB(A), standby (bystander): 40 dB(A)																	
<b>Certifications</b>	<b>Safety certifications:</b> Argentina (TUV S Mark-Rs.92/98/Ds.1009/98), Australia (AS/NZ 3260), Canada (cUL-CAN/CSA C22.2 No.60950-00), China (GB4943), Czech Republic (CSN-IEC 60950-IEC 60825-1), Estonia (EEI-EN60950-IEC 60825-1), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TUV-EN60950-IEC 60825-1), Hungary (MEEI-IEC 60950-IEC 60825-1), Japan Radio Law, Lithuania (LS-IEC 60950-IEC 60825-1), Mexico (NOM NYCE-NOM 019 SCFI), Poland (B Mark-IEC 60950-IEC 60825-1), (Russia (GOST-R50377), Slovakia (IEC 60950-IEC 60825-1), Slovenia (SQI-IEC 60950-EN60825-1), South Africa (IEC 60950-IEC 60825-1), USA (ULUL 60950, FDA-21 CFR Chapter 1 Subchapter J for lasers); Class 1 laser/LED product <b>EMC certifications:</b> 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. Energy Star®																	
<b>Warranty</b>	One-year next-day on-site warranty																	

## Ordering information

HP LaserJet 9040 Printer series	
<b>Q7697A</b>	HP LaserJet 9040 printer
<b>Q7698A</b>	HP LaserJet 9040n printer
<b>Q7699A</b>	HP LaserJet 9040dn printer
HP LaserJet 9050 Printer series	
<b>Q3721A</b>	HP LaserJet 9050 printer
<b>Q3722A</b>	HP LaserJet 9050n printer
<b>Q3723A</b>	HP LaserJet 9050dn printer
Paper handling	
<b>C8531A</b>	HP 2000-sheet Optional Input Tray
<b>C8568A</b>	HP Multipurpose Tray
<b>C8084A</b>	HP Output Stacker
<b>C8085A</b>	HP Output Stacker/Stapler
<b>C8091A</b>	HP Staple Cartridge
<b>C8532A</b>	HP Automatic Duplex Unit
<b>Q5693A</b>	HP 8-bin Mailbox
<b>C8088B</b>	HP Multifunction Finisher
Memory	
<b>J6073A</b>	HP 20 GB EIO hard disk
<b>Q2625A</b>	HP 64 MB 100-pin DDRAM DIMM
<b>Q2626A</b>	HP 128 MB 100-pin DDRAM DIMM
<b>Q2627A</b>	HP 256 MB 100-pin DDRAM DIMM
<b>Q2628A</b>	HP 512 MB 100-pin DDRAM DIMM
Supplies	
<b>C8543X</b>	HP LaserJet Smart Print Cartridge (30,000 standard pages in accordance with ISO/IEC 19752)
<b>C9152A</b>	HP 110V Maintenance Kit (350,000 pages)
<b>C9153A</b>	HP 220V Maintenance Kit (350,000 pages)
Connectivity	
<b>J7934A</b>	HP Jetdirect 620n Fast Ethernet Print Server
<b>J7960A</b>	HP Jetdirect 625n Gigabit Ethernet Print Server
<b>J6058A</b>	HP Jetdirect 680n 802.11b Internal Wireless Print Server
<b>J3263A</b>	HP Jetdirect 300x Ethernet/Fast Ethernet
<b>J3265A</b>	HP Jetdirect 500x Ethernet/Fast Ethernet
<b>J4135A</b>	HP Jetdirect Connectivity Card: USB, serial, and LocalTalk
<b>J6072A</b>	HP bt1300, Bluetooth® Print Adapter
Service & support	
<b>H7694A/E</b>	HP Care Pack, next business day on-site response, 3 years
<b>H7599A/E</b>	HP Care Pack, next business day on-site response, 1.8 million pages, 3 years
<b>H7696A/E</b>	HP Care Pack, on-site response within 4 hours, 3 years
<b>H7603A/E</b>	HP Care Pack, on-site response within 4 hours, 1.8 million pages, 3 years

<http://www.hp.com>

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