



hp LaserJet 4100mfp

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Superior HP LaserJet performance for better business results – the HP LaserJet 4100mfp is the most advanced workgroup device yet, offering business users a reliable, easy-to-use and expandable platform to support printing e-services.

For business users in workgroup environments the HP LaserJet 4100mfp offers consistently high performance, enhanced management and e-service capabilities, as well as unrivalled expandability.

- Communicate more efficiently with high quality output of true 1200 x 1200 dpi at full 24 pages per minute engine speed without compromising performance.
- Experience enhanced management and maintenance with HP Web Jetadmin, an Embedded Web Server (set up configurable alerts via e-mail, change printer settings remotely, order consumables or link to on-line support).
- Implement new printing e-services with the ability to run downloadable Java based programmes using the Embedded Virtual Machine.

Setting a new performance standard for the workgroup.

- Save time and improve productivity with 24 pages per minute printing speed and 24 pages per minute copying.
- Print complex documents much faster, with a quicker return to the application with a new fast 250 MHz processor and standard memory of 64 MB with 10 GB EIO hard disk expandable up to 256 MB.
- Assured reliable performance in very busy office environments from up to 150,000 pages per month duty cycle.

Make life easier with the HP LaserJet 4100mfp, the intelligent device geared to meet a workgroup's complex demands.

- Effortless management with HP Web Jetadmin allowing easy network installation, remote diagnostics and error correction.
- An Embedded Web Server (EWS) enables the HP LaserJet 4100mfp to communicate with users or administrators via standard web browser.
- New HP smart print supplies system allows you to view toner and media levels, tracks and collects and gives you the ability to order supplies via the web*. New 'no shake' toner cartridge delivers consistent, high quality results throughout its lifespan.

* Not available in all countries

More versatile solutions for workgroup document management.

- Improve efficiency and meet the needs of global business with a variety of paper handling solutions including paper input capacity of maximum 1,600 sheets (up to three 500-sheet trays), optional duplex unit, envelope feeder and 30-sheet automatic document feeder.
- HP's accessible architecture with Enhanced IO (EIO) interface, offers flexible connectivity via HP Jetdirect print servers and dozens of partner solutions for virtually all network environments.
- Simplify workflow and improve productivity with enhanced document management features like proof and hold, private printing, quick copy and booklet printing.



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internet-enabled network appliance that improves day-to-day communication within dynamic business workgroups



standard features

• print

Create professional communication with fast, high quality, monochrome laser printing up to 24 ppm (A4) and 1200 dpi at full engine speed, for results you can rely on every time.

• copy

Convenient and fast monochrome copying with a speed of up to 24 (A4) pages per minute with electronic collation and a 30-sheet automatic document feeder (ADF). You can also reduce or enlarge your copy with page size presets and enhance the image quality.

• send to e-mail (out-of-the-box)

Documents can be scanned in colour and black & white, converted to PDF, JPEG and TIFF format and sent as e-mail attachments to individual recipients, or simultaneously to multiple addresses ensuring privacy and saving time and money.

functionality:

- send to e-mail
- downloading of e-mail address book to the device supported
- auto-configuration: SMTP server (IP address); LDAP address book (IP address)
- keyboard for e-mail address and subject entry
- colour and monochrome scanning
- TIFF, PDF and JPEG file types with smart compression
- sending while printing

optional features

• hp digital sending software 3.0 - secure access – t1929aa

Software accessory that provides user authentication for environments where send to e-mail access control is needed.

• hp digital sending software 3.0 - communications – t1930aa

Software accessory that provides all of above, plus: enables users to send black and white or colour paper documents directly to LAN, internet fax and Win 2K/XP fax services destinations at the touch of a button.

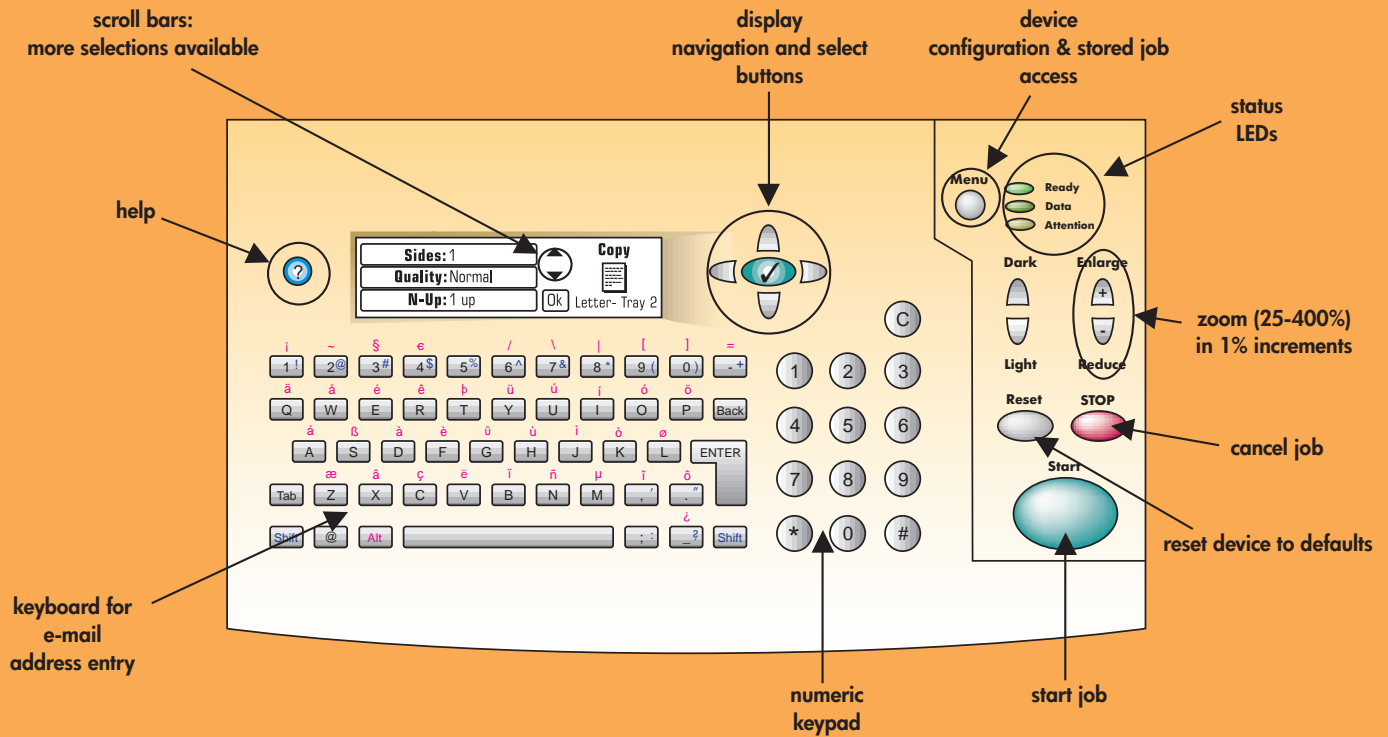
• hp analog fax accessory - q1314a

Hardware accessory that enables the user to receive and send analog fax, as it is possible with a stand alone fax machine.

• nsi's autostore 2002 - nob8535a

Add to the functionality of the HP digital sending software with 3rd party software such as Nsi's AutoStore 2002: it enables intelligent document capture, processing and routing into most popular applications (Microsoft® SharePoint Portal Server, Exchange, Lotus Notes/Domino, Oracle and many others). Document processing features include, Searchable PDF, Document Encryption, OCR supporting 170 languages as well as forms processing. Additional information can be obtained at www.nsius.com

the hp LaserJet 4100mfp easy to use control panel



• management control

The HP LaserJet 4100mfp incorporates advanced hardware and software features to make device management scalable – from a critical single device to your complete network of connected peripherals.

- hp embedded web server provides direct access to the hp LaserJet 4100mfp 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

• automatic e-mail alerts

The HP LaserJet 4100mfp can be programmed to send preconfigured notifications of device problems via e-mail to designated recipients on the network. For example, the device can send a supplies alert, permitting a new smart cartridge to be acquired in a timely manner to prevent downtime. The e-mail notice can provide a hot link for ordering supplies via the internet.*

• hp jetcaps solutions

Together with our worldwide network of HP JetCAPs partners we can offer you a full range of carefully selected products and business printing solutions that complement HP LaserJet printers. Products can be mixed, matched and customised to provide you with exactly the printing solution you require. Consulting, implementation services and support are also available.

The range of extended solutions available enables you to achieve huge savings, and accomplish printing tasks more easily.

- e-forms and stationery
- corporate design
- barcodes and cheque printing (OCR and MICR)
- printing from SAP R/3 and ERP packages
- secure printing using Smart cards
- host printing
- cost-controlled printing and copying
- print job accounting
- special industry solutions

Additional information can be obtained at www.jetcaps.com

• hp printadvantage

By bringing complete transparency to your printing costs, and outsourcing maintenance and support, HP Printadvantage radically improves your business efficiency. It frees up valuable resources for more effective tasks, and means your team can focus on core activities which support your business growth.

HP Printadvantage is a complete package. You procure and manage your printing requirements in one easy transaction. We've streamlined the procurement process, and created a service plan to provide you with the latest print technology, print cartridge, maintenance and first class support. All in one contract, all covered by one monthly invoice. You just turn it on, then turn it up or down as your business requires. Easier for you, better for your business.

Additional information can be obtained at <http://printadvantage.hp.com>

* Not available in all countries

technical specifications

print speed	Up to 24 ppm (duplex at full engine speed)	
processor	250 MHz RISC microprocessor	
first page out	Less than 12 secs (from warm or cold start), up to 10 secs copying (from ADF), up to 19 secs copying (from glass)	
memory	Standard: 64 MB, 10 GB HP EIO disk drive, expandable to 256 MB, using Memory Enhancement technology (MEt), memory slots: 3 x 100-pin SDRAM DIMM.	
print	print quality:	HP Prores 1200 (true 1200 x 1200 dpi at 24 ppm), HP Fastres 1200 default setting (1200 dpi-like quality at 24 ppm)
	economical printing:	Economode saves up to 50% toner at 600 dpi levels
	printer languages:	HP PCL 6, HP PCL 5e (with GL2), HP Postscript level 3 emulation, automatic language switching
	typesfaces/fonts:	110 scalable TrueType fonts (80 built-in, 30 via HP Fontsmart for Windows; all PCL and PostScript® accessible), additional fonts available for download from the Internet; HP Fontsmart software for easy-to-use font management capabilities; Intellifont and built-in TrueType rasterizers
	duty cycle:	Up to 150,000 pages per month
copy	copy speed:	Up to 24 ppm normal mode, up to 12 ppm best mode (from ADF)
	copy resolution:	600 x 600 dpi best mode, 600 x 300 dpi normal mode
	multiple copies:	1-99 with automatic collation
	reduce/enlarge:	25 to 400% (from glass), 25 to 200% (from ADF)
	advanced features:	Simplex scanner, manual duplex copying supported
send to e-mail	advanced features	JPEG scan converted to desired send format, text/mixed/graphic, TIFF/M-TIFF/PDF/JPEG, colour/black and white.
analog fax (optional)	modem:	14.4 Kbps, CCIT/ITU-T Group 3, EIA/TIA Class 1; compression MH, MR and MMR; V.17, V.33, V.29, V.27ter.
	fax memory:	utilises 10 GB hard disk
	resolution:	standard 200 x 100 dpi; fine 200 x 200 dpi; superfine 300 x 300 dpi.
paper handling	600-sheet standard input capacity (1 x 100 multipurpose tray, 1 x 500-sheet tray), upgradeable to 4 input bins, 1,600 max. capacity (1 x 100 multipurpose tray, 3 x 500-sheet tray). Multipurpose tray (100 sheet/10 envelope) is used for automatic and manual feeding of envelopes, labels, transparencies, special media. Standard output capacity of 300 sheets (250 sheets face down, 50 face up) with output full sensor. Straight-through paper path, paper level indicators, optional auto duplex unit for two-sided printing, optional 75-sheet envelope feeder, 30-sheet standard automatic document feeder.	
media types and weights	Multipurpose tray: 60 to 198 g/m ² , 500-sheet tray, automatic duplex unit: 60 to 105 g/m ² , envelope feeder and multipurpose tray: 75 to 105 g/m ² (envelope). Media size, standard: A4, A5, Letter, Legal, Executive, No.10, Monarch, DL, C5, B5, custom: 76 to 127 mm, 216 to 356 mm, Paper (plain, preprinted, letterhead, prepunched, bond, colour, recycled, rough), transparencies, labels, card stock, user-defined (up to five types).	
interface and connectivity	Standard: 1 bi-directional parallel interface (IEEE 1284-compliant, B-size); Fast Infrared port for optional InfraRed receiver; automatic switching between languages and ports; HP Jetdirect 615n (EIO) internal print server for Ethernet 10/100Base-TX Fast Ethernet network environments, 10 GB EIO disk drive. Optional: external print servers, Fast Infrared, connectivity card for USB, serial, and LocalTalk.	
network operating systems compatibility	Supported: Novell® NetWare, Microsoft® Windows® NT, 2000 and XP, HP-UX, Sun Solaris, Red Hat Linux, SuSE Linux.	
printer management	The HP LaserJet 4100mfp supports all advanced printer management features of HP Web Jetadmin. HP Web Jetadmin printer management software provides easy setup, use and management, extensive real-time diagnostics, remote visibility and printer control for any HP LaserJet printer connected via an HP Jetdirect printserver. HP Web Jetadmin provides the industry's most complete, multi-vendor printer management using the standard printer MIB, and supports both TCP/IP and IPX/SPX protocols. HP Web Jetadmin 7.0 is available via www.hp.com/go/webjetadmin SNMP and the industry-standard printer MIB are compliant for network management compatibility. EWS (Embedded Web Server) built in web page for remote printer management.	
standard software	Drivers in box: Microsoft® Windows® 3.x, 9x, Me, NT, 4.0, 2000, XP; Macintosh® System 7.5.3 and above, AutoCAD™ Rel 12/13/14, drivers on the web: Windows NT 3.5.1, IBM® OS/2 Warp and UNIX (HP-UX, Solaris, Sun OS), Linux. Unattended software installation - HP internet installer can automatically update printer drivers during installation.	
control panel	Intuitive operation and complete, easy to understand messaging, expanded control panel help for context-based problem resolution, two-line backlit LCD display and three LEDs. Messages can be displayed in 10 languages.	
power requirements	100 to 127 V (+/- 10%), 50/60 Hz (+/- 2 Hz) or 220 to 240 V (+/-10%) 50/60 Hz (+/- 2 Hz), printers voltage ranges depend upon the country in which the printer is purchased. Frequency: 50/60 Hz (+/- 2 Hz).	
power consumption	483 watts maximum	
dimensions (w x d x h)	415 x 540 x 533 mm	
product weight	25 kg	
operating environment	Environmental ranges: operating temperature: 10 to 35° C, operating humidity: 20 to 80% RH, operating humidity recommended: 20 to 80% RH, recommended operating temperature: 10 to 35° C, storage temperature: 0 to 35° C, noise level per ISO 9296, sound power: LpAd 7.4 B(A) printing, LpAd 5.7 B(A) idle sound pressure: operating position: LpAm 57 dB(A) printing, LpAm 40 dB(A) idle; bystander position: LpAm 60 dB(A) printing, LpAm 40 dB(A) idle.	
certifications	EU (EMC Directive 89/336/EEC), ISE Countries (CISPR 22), Poland (B-Mark-CISPR 22), Russia (GOST-CISPR 22); regulatory standards: Compliant with: Czech Republic (CSN-IEC 60950-IEC 825), Estonia (EEI-EN 60950-IEC 825), EU (CE Mark-Low Voltage Directive 73/23/EEC), Germany (TUV-EN 60950-IEC 825), Hungary (MEEI-IEC 60950-IEC 825), Lithuania (LS-IEC 60950-IEC 825), Poland (B Mark-IEC 60950-IEC 825), (Russia (GOST-R50377), Slovakia (IEC 60950-IEC 825), Slovenia (SQI-IEC 60950-EN 60825), South Africa (IEC 60950-IEC 825).	
warranty	1 year next day on-site warranty	



ordering information

e9148a	hp LaserJet 4100mfp
supplies & accessories	
e8053b	75-sheet envelope feeder
e8054a	automatic duplex unit
e8055a	500-sheet optional paper feeder and tray
e8056a	500-sheet universal replacement tray (x, y adjustable)
e8061x	hp LaserJet maximum capacity smart print cartridge (10,000 pages)
e8061a	hp LaserJet standard capacity smart print cartridge (6,000 pages)
e4103a	fast infrared receiver
j6054b	hp EIO hard disk - 10 GB
c7842a	8 MB SDRAM DIMM
c7843a	16 MB SDRAM DIMM
c7845a	32 MB SDRAM DIMM
q1887a	64 MB SDRAM DIMM
e9121a	128 MB SDRAM DIMM
f1929aa	hp digital sending software 3.0 - secure access
f1930aa	hp digital sending software 3.0 - communications
q1314a	hp analog fax accessory
nob8535a	nsi's autostore 2002

hp jetdirect internal print servers

j4167a	Token Ring
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802.11b wireless connectivity

j6058n	hp jetdirect 680n
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service & support

e8057a	maintenance kit 110v, 200,000 pages
e8058a	maintenance kit 220v, 200,000 pages
h7668a	hp supportpack - next business day, on-site response, 3 years
h7686a	hp supportpack same business day on-site response, 3 years

** The option to order HP Smart supplies system over the web will not be available in all countries. For further information please contact your local dealer. For more information contact the Hewlett-Packard Internet website at: <http://www.hp.com>

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Algeria:** (0)61 56 45 43, **Bahrain:** 800 728, **Belgium:** (02) 778 34 00, **Luxembourg:** (+352) 263 160 34, **Bulgaria:** (+359) 2960 1940, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech republic:** (00 420 2) 613 07 111 (Prague), **Denmark:** 45991700 or 70101125, **Egypt:** 532 5222, **Estonia:** (+372) 6505 263, **Finland:** (09) 88721, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (12 Cent/min), **Greece:** (01) 678 96 00, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** + 353 1 6158200, **Israel:** (972) 9 8304848, **Italy:** (02) 92121, **Kazakhstan:** +7 (3272) 980 824, **Latvia:** (371) 800 80 12, **Lithuania:** (370) 2 787 333, **Middle East:** 00971 4 883 4427, **Morocco (African Region):** +212 22 40 47 47, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** infolinia 0-801 607 607 (0,29 zł + VAT/min), **Portugal:** (808) 206 001, **Romania:** (+401) 205 3300, **RSA:** (27)11 785 1000, **Russia:** +7 (095) 797 35 00, **Saudi Arabia:** 800 124 4646, **Slovakia:** +421-2-50205611, **Spain:** (91) 6311600, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Tunisia:** 71 891 222, **Turkey:** +90 (216) 579 71 71, **UAE:** 8004910, **UK:** 08705 474747, **Ukraine:** +380 44 490 61 20, **Yugoslavia:** +381 11 322 80 14.

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