



hp LaserJet 4100

## hp LaserJet 4100/n/tn/dtn

Superior HP LaserJet performance for better business results – the HP LaserJet 4100 is the most advanced workgroup printer 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 4100 offers consistently high performance, enhanced printer 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 printer 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.
- Print complex documents that much faster, with a quicker return to the application with a new fast 250 MHz processor and standard memory of 16 MB RAM (32 MB on N/TN/DTN bundles, expandable up to 256 MB).
- Assured reliable performance in very busy office environments from up to 150,000 pages per month duty cycle.
- HP Supportpack included package extends the standard 1-year warranty to 3 years next day on-site warranty.

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

- Effortless printer management with HP Web Jetadmin allowing easy network installation, remote diagnostics and error correction.
- An Embedded Web Server (EWS) enables the HP LaserJet 4100 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' print cartridge delivers consistent, high quality results throughout its lifespan.

### More versatile solutions for workgroup printing.

- Improve efficiency and meet the needs of global business with a variety of paper handling solution including paper input capacity of maximum 1600 sheets (up to three 500-sheet trays), optional duplex unit (standard for HP LaserJet 4100DTN) and an envelope 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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## technical specifications

<b>speed &amp; throughput</b>	24 ppm for A4 documents (12 ppm duplex speed). 250 MHz RISC microprocessor, instant-on fuser provides first page out in less than 12 sec from warm or cold start, HP Transmit Once for reduced network traffic, Maser (RIP once) in RAM enables MOPyng from multiple original prints, (16 MB minimum)
<b>print quality</b>	HP Prores 1200 (true 1200 x 1200 dpi at 24 ppm), HP Fastres 1200 default setting (1200 dpi-like quality at 24 ppm), 600 dpi, economode with good print quality and 50% savings over regular dpi selections
<b>standard software</b>	Unattended software installation. HP internet installer can automatically update printer drivers during installation. HP Web Jetadmin printer management software for simple installation, configuration and management from a common web browser. Drivers in box: Microsoft® Windows® NT 4.0, 3.x, 9x, 2000, Me, 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, SunOS), LINUX. Download available at <a href="http://www.hp.com">http://www.hp.com</a> . Printing from MS-DOS based applications in compatible mode.
<b>paper handling</b>	All HP LaserJet 4100 series: up to 4 input bins, 1600 sheets maximum input capacity (1 x 100 multipurpose, 3 x 500-sheet trays), HP LaserJet 4100/N: 600 sheet standard input capacity (1 x 100 multipurpose, 1 x 500-sheet trays), HP LaserJet 4100TN/DTN: 1100 sheets standard (1 x 100 multipurpose, 2 x 500-sheet trays). Multipurpose tray: Tray 1 (100 sheet/10 envelope) is used for automatic and manual feeding of envelopes, labels, transparencies, special media, 76 x 127 mm to legal (216 x 356 mm). 500-sheet input trays: Trays 2 and 3 (depending on the model) support A4, Letter, Executive, A5, B5, Legal and custom sizes. 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 autoduplex unit for two sided printing (standard in HP LaserJet 4100DTN), optional 75-sheet envelope feeder. Automatic duplex: supports A4, Letter, Legal, Executive, B5 paper sizes.
<b>media types &amp; weights</b>	Paper: A4: 210 x 297 mm, A5: 148 x 210 mm, Letter: 216 x 279 mm, Legal: 216 x 356mm, Executive: 184 x 267 mm, Executive JIS minimum size: 76 x 127 mm, maximum size: 216 x 356 mm Envelopes: No.10 Regular: 241 x 105 mm, Monarch: 98 x 190 mm, DL: 220 x 110 mm (print area), C5: 229 x 162 mm, B5: 250 x 176 mm Copier, bond, special application and recycled papers (overhead transparencies and labels designed for laser printers use Tray 1); Tray 1 handles 60 to 198 g/m <sup>2</sup> stocks, transparencies and labels; Tray 2/3, optional 500-sheet tray, automatic duplex unit handles 60 to 105 g/m <sup>2</sup> stock; envelope feeder and Tray 1 handles 75 to 105 g/m <sup>2</sup> envelopes
<b>network connectivity</b>	Bidirectional IEEE 1284-compliant parallel interface, two open EIO expansion slots for optional HP Jetdirect 610N (EIO) internal print servers for Ethernet 10Base-T, 10Base-2, 100Base-TX, LocalTalk and Token Ring networks, Fast InfraRed port for optional InfraRed receiver, HP LaserJet 4100N/TN/DTN printers, HP Jetdirect 610N (EIO) internal print server for Ethernet 10/100Base-TX Fast Ethernet network environments, Fast InfraRed port and receiver (optional), bidirectional IEEE 1284-compliant parallel interface, one open EIO expansion slot for optional HP and third-party accessories, HP JetSend enabled, automatic switching between languages and ports, HP Web Jetadmin requires installation on one of the following network servers: Microsoft Windows NT, IBM OS/2 Warp, HP-UX or Solaris, HP Jetdirect 610N (EIO) internal print servers support all major network operating systems and provide flash memory for future upgrades
<b>memory</b>	HP LaserJet 4100: 16 MB RAM, 3 expansion slots for additional memory expansion up to 256 MB HP LaserJet 4100N/TN/DTN: 32 MB RAM, 3 expansion slots for additional memory expansion up to 256 MB All HP LaserJet 4100 series printers: upgradeable to 256 MB of SDRAM memory, optional 5 GB HP EIO disk drive for mopying, forms, fonts, signatures, and job retention features
<b>printer languages</b>	HP PCL 6, HP PCL 5e, Postscript Level 3 emulation, automatic language switching
<b>control panel</b>	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 17 languages
<b>typefaces</b>	110 scalable True Type fonts (80 built-in, 30 via HP Fontsmat for Windows), all PCL and Postscript accessible
<b>operating &amp; environmental ranges</b>	Temperature: operating 10 to 35° C, storage 0 to 35° C, Humidity: operating 20% to 80% RH, Storage 10% to 95% RH, Acoustics: operating position L<54 dB (A) printing, L<36 dB (A) standby (per ISO 9296, DIN 45635, T.19), bystander: 1m L<50 dB (A) Printing, L<30 dB (A) Standby (per ISO 7779, DIN 45635, T.19). Sound power: 0 Bels inaudible (A) Powersave L <sub>w,avg</sub> , 6.6 Bels (A) printing at 25 ppm L <sub>w,avg</sub> , 6.2 Bels (A) printing at 12 ppm L <sub>w,avg</sub>
<b>power requirements</b>	Source: 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). HP LaserJet 4100 printers: printing: 317 W, standby: 21 W, Powersave: 16 W (EPA ENERGY STAR). HP LaserJet 4100N/TN/DTN printers: Printing: 385 W, Standby: 26 W, Powersave: 19 W EPA ENERGY STAR
<b>size/weights</b>	W x D x H: HP LaserJet 4100/N: 390 x 506 x 345 mm. HP LaserJet 4100TN: 390 x 506 x 465 mm. HP LaserJet 4100DTN: 390 x 565 x 465 mm. Weight: HP LaserJet 4100/N: 18 kg. HP LaserJet 4100TN: 25 kg. HP LaserJet 4100DTN: 28 kg
<b>certifications</b>	UL 1950/CSA 950 certified, complies with IEC 950/EN 60950, FCC Class B certified, CISPR22 Level B, product CDRH certified Class 1 Laser Product (safe for office/EDP use). TÜV-GS approved. EPA ENERGY STAR Compliant. Blue Angel Certified
<b>duty cycle</b>	150,000 pages per month
<b>warranty</b>	Standard one year return to HP; HP Supportpack bundles come with a three year next day on-site warranty extension

## ordering information

<b>C8049A</b>	hp LaserJet 4100
<b>C8050A</b>	hp LaserJet 4100n
<b>C8051A</b>	hp LaserJet 4100tn
<b>C8052A</b>	hp LaserJet 4100dtn
<b>C9164A</b>	hp LaserJet 4100 including supportpack**
<b>C9165A</b>	hp LaserJet 4100n including supportpack**
<b>C9166A</b>	hp LaserJet 4100tn including supportpack**
<b>C9167A</b>	hp LaserJet 4100dtn including supportpack**
<b>supplies &amp; accessories</b>	
<b>C8053A</b>	75-sheet envelope feeder
<b>C8054A</b>	automatic duplex unit
<b>C8055A</b>	500-sheet optional paper feeder and tray
<b>C8056A</b>	500-sheet universal replacement tray (x, y adjustable)
<b>C8061X</b>	hp ultraprecise print cartridge (10,000 pages)
<b>C8061A</b>	hp ultraprecise print cartridge (6,000 pages)
<b>C4103A</b>	fast infrared receiver
<b>J6054A</b>	hp EIO disk drive – 5 GB
<b>memory &amp; cables</b>	
<b>C7842A</b>	8 MB SDRAM DIMM
<b>C7843A</b>	16 MB SDRAM DIMM
<b>C7845A</b>	32 MB SDRAM DIMM
<b>C7846A</b>	64 MB SDRAM DIMM
<b>C9121A</b>	128 MB SDRAM DIMM
<b>C2950A</b>	IEEE 1284-compliant parallel printer cable, 2 metre
<b>C2951A</b>	IEEE 1284-compliant parallel printer cable, 3 metre
<b>92215S</b>	macintosh serial cable
<b>hp jetdirect 600n/610n internal print servers</b>	
<b>J3110A</b>	Ethernet (10Base-T)
<b>J3111A</b>	Ethernet (10Base-T, 10Base2) and LocalTalk
<b>J4167A</b>	Token Ring
<b>J4169A</b>	Fast Ethernet (100Base-TX) and Ethernet (10Base-T) (included with hp LaserJet 4100n/tn/dtn models)
<b>printer connectivity solutions</b>	
<b>J4135A</b>	hp jetdirect connectivity card for USB, serial, and LocalTalk connections
<b>service &amp; support</b>	
<b>H5479A</b>	hp supportpack – next business day, on-site response, 3 years
<b>C8057A</b>	maintenance kit 110V, 200,000 pages
<b>C8058A</b>	maintenance kit 220V, 200,000 pages

\*The HP smart print supplies system will not be available in all countries. For further information please contact your local dealer.

\*\*Available in UK, Germany, France, Italy, Spain, Netherlands, Belgium, Austria, Portugal.

The HP LaserJet 4100 is available as part of HP Printadvantage, a complete package that lets you procure and manage your printing requirements in one easy transaction. For more information contact: <http://www.hp.com/printadvantage>

HP has designated the HP LaserJet 4100N/TN/DTN and their supplies for optimum print quality.

For more information contact the Hewlett-Packard Internet website at: <http://www.hp.com>

For information on Third Party printing solutions please refer to <http://www.jetcaps.com>

For more information, please call your local HP sales office or representative: **Austria:** 0810/006080 (local rate call), **Azerbaijan:** (+994) 12 97 35 61, **Belgium and Luxembourg:** (02) 778 34 00, **Bulgaria:** (+359) 2960 1940, **CIS:** (007) 095 797 3500, **Croatia and Slovenia:** (+385 1) 60 60 200, **Czech Republic:** (00 420 2) 613 07 111 (Prague), **Denmark:** 45991125, **Dubai (Gulf Region):** (971) 488 15 456, **East Central Europe (Vienna HQ plus Albania):** (+43) 1-250 00, **Finland:** (09) 88721, **France:** (1) 69 82 6060, **Germany:** 0180 532 6222 (0.48 DM per minute), **Greece:** (01) 619 64 11, **Hungary:** (+36) 1 382-1111, **Iceland:** (354) 570 1000, **Ireland:** (00) 353 1 61 58 200, **Israel:** (972) 9 952 4848, **Italy:** (02) 921211, **Kasachstan:** (+7) 3272 98 08 24, **Morocco (African Region):** (212) 222 21340, **Netherlands:** (020) 5476666, **Norway:** 22 735600, **Poland:** (22) 865 98 00, **Portugal:** (808) 206 001, **Romania:** (+401) 250 6197, **RSA:** (27) 11 806 1000 **Slovakia:** (+421 7) 68 20 90 11, **Spain:** (91) 6311600, **Sweden:** (08) 444 2000, **Switzerland:** 0848 88 44 66, **Turkey:** (0212) 2216969, **UK:** (0990) 474747, **Ukraine:** (+380) 44 490 6120, **Uzbekistan:** (+998) 71 169 1488, **Yugoslavia:** (+381) 11 627 134, **Multi Country Operations (MCO) (Geneva):** (22) 7804111, **European Headquarters (Geneva):** (22) 7808111.

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