



hp LaserJet
1200/1200n



product
datasheet

hp LaserJet
1220



introducing the hp LaserJet 1200 series

Our latest personal hp LaserJet printing solution that delivers best-in-class printing capabilities (print speed and print quality) and the flexibility to expand into a network printer for small workgroup or a multi-function, all-in-one personal document manager.

- hp LaserJet 1200 – personal desktop LaserJet printer
- hp LaserJet 1200n – LaserJet for 2 to 3 users on a LAN (network bundle with hp jetdirect 175x)
- hp LaserJet 1220 – multi-function, all-in-one document manager (print, scan & copy)

Designed for:

- small office home office
- small business workgroups (2 to 3 users)
- privilege business professionals or corporate users

hp LaserJet 1200 – your personal desktop LaserJet printer

The world's fastest¹ personal desktop LaserJet – the hp LaserJet 1200 delivers professional and reliable results with new benefits including faster print speed, higher resolution, flexible connectivity, colour scanning, PostScript level 2, Macintosh support and improved paper handling capabilities.

performance & efficiency

- 14 ppm A4 (best-in-class) and first page out in less than 10 seconds
- increased memory of 8MB of RAM (upgradable to 72 MB)
- protected 250-sheet input tray and 10-sheet priority feed tray
- improved duty cycle of up to 10,000 pages
- instant-on fuser eliminates warm up time

quality & reliability

- professional hp LaserJet print quality at 1200 dpi resolution with phototone
- hp ultraprecise toner cartridge for improved grayscale images
- hp customer care for online personal support
- award winning service support

expandability & flexibility

- enhanced connectivity with 1284-B Parallel & USB 'hot' ports
- 1 open DIMM slot for memory, language and fonts
- upgrades easily to network printer for small groups with hp jetdirect external print server
- upgrades easily to multi-function device by adding copier/scanner attachment

compatibility

- PCL 6, PCL 5e and PostScript level 2 standard
- Macintosh OS compatibility through USB and PostScript level 2
- Windows 95 (basic functions only), Windows 98, Windows Me, Windows NT 4.0 and Windows 2000 compatible
- 45 Intellifont scalable typefaces and 35 PostScript fonts built-in

¹ When printing typical, simple text file

expand from a personal desktop LaserJet printer to a hp LaserJet all-in-one – hp LaserJet 1220

The hp LaserJet 1200 is the base model for hp LaserJet 1200 printer series that gives you the flexibility to expand to meet your future needs.

To upgrade to a multi-functional, hp LaserJet all-in-one, simply add the copier/scanner attachment.

copier/scanner attachment



With the copier/scanner attachment, your personal desktop LaserJet printer becomes a personal document manager, hp LaserJet 1220, that gives you the additional benefits of copying and colour scanning.

With our desktop software, now you can scan to email, fax software and even MS Word hassle-free. Copy direct or make multiple copies simply with a click of the button.

expandable

•
multi-function

expand from a personal desktop LaserJet printer to a network LaserJet printer for small workgroup – hp LaserJet 1200n

The hp LaserJet 1200 also gives you the flexibility to expand to a network printer for small workgroup of 2 to 3 person in a small business or home office environment.

hp jetdirect 175x



The hp LaserJet 1200n is an affordable, entry-level network bundle with 10/100 Base-T Ethernet, IPX/SPX and Apple Ethernalk protocols.

The bundle includes a hp jetdirect 175x network print server and server-to-printer USB cable.

Automatic network installation, small size pass through design and OS compatibility for Mac & OS makes the hp LaserJet 1200n an ideal solution for small workgroups.

expandable

•
network printing

hp LaserJet 1220 – your personal document manager

hp LaserJet 1220

You can now enjoy the comfort of printing, colour scanning and copying from one machine by simply adding the copier/scanner attachment to your hp LaserJet 1200.

Beside enjoying all the best-in-class printing capabilities of the hp LaserJet 1200, you can now take control of your document management with the added benefit of colour scanning and copying.

copy features

- make copies even when the PC is switched off
- faster copy speed of up to 12 ppm
- better copy quality at 600 ppi resolution and enhanced copy quality with Edge Detection technology
- copy collation for jobs up to 30 pages
- correct order output of originals
- easy-to-use PC copy software allow multiple copies, collate, reduce, enlarge, set copy quality and colour copies via network colour printer
- copy directly to another printer on the network

colour scanner features

- sheet-fed colour scanner
- 600 ppi optical/9600 enhanced resolution, 8 bits per pixel with HP intelligent scanning technology
- scan to email – attach colour document with one click
- store and manage documents electronically with HP Document Manager and HP Workplace
- 30 page automatic document feeder with return tray
- correct copy output of originals

document management

hp LaserJet document desktop software

- our desktop software allow you to tweak the image and store it systematically

scan to email

- scanned document appears as an attachment right away in your email application, such as Microsoft Outlook

hp LaserJet toolbox

- all settings can be configured easily using the toolbox

copier control panel

- panel allows you to set detailed copy settings for maximum copy effectiveness

scan straight into MS Word

- scanned text appears in Microsoft Word immediately for editing

scan straight into fax software

- allow users to convert hardcopies to be distributed electronically via PC fax



hp LaserJet 1220 – your personal document manager

copy direct

Make fast, high quality black and white copies at the push of a button even when your PC is switched off.

advance copy and colour scanning features

mutiple copies

Make up to 99 black and white copies with a click of the button.



fit to page

Ensure that documents always fit available size of the page.



straighten

For images that are slightly askew.



enlargement/reduction

Specify right down to the percentage enlargement or reduction.



clean

No more problems with less than perfect originals.



contrast

Choose exactly how light or dark the copies should be with contrast adjustment.



type of original

Select your original source type, example text, combination or photograph to ensure the best reproduction quality.



technical specifications

print speed and processor

- 15 ppm letter/14ppm A4; first page out in less than 10 seconds; instant-on fuser eliminates warm-up time; Motorola 90MHz Coldfire processor

resolution

- 1200 x 1200 dpi; hp ultraprecise toner cartridge

printer language/postscript

- HP PCL 5e and 6; hp printer language (emulates Adobe Postscript® level 2)

fonts

- 45 scalable fonts plus 35 postscript fonts built in

media types

- Plain paper, envelopes, transparencies, card stock, postcards and labels

media handling

- Main input tray capacity: 250 sheets of regular-weight, 20 lb (75 g/m²) paper or up to 30 envelopes
- Priority input tray capacity: 10 sheets of 20 lb (75 g/m²) paper or 1 envelope
- Output bin capacity: 125 sheets 20 lb (75 g/m²) paper
- Minimum paper size: 3 x 5 inches (76 x 127 mm)
- Maximum paper size: 8.5 x 14 inches (216 x 356 mm)
- Media weights: Output bin—16 to 28 lbs (60 to 105 g/m²)
- Straight-through paper media path—16 to 43 lbs (60 to 163 g/m²)

memory

- 8 MB of RAM (16 MB on HP LaserJet 1200n) standard, expandable to 72MB via available DIMM slot
- Memory expansion: One DIMM slot available for an 8, 16, 32 or 64 MB DIMM (slot filled on HP LaserJet 1200n with 8MB DIMM)

connectivity

- IEEE-1284-B parallel port and USB port (2.0 compliant)

toner/duty cycle

- HP cartridge; up to 10,000 page duty cycle, 1,000 page average

supported OS

- Microsoft Windows 95 (limited software functionality), Microsoft Windows 98, Microsoft Windows NT 4.0, Microsoft Windows 2000, Windows Me (Millennium Edition), Apple Macintosh 8.6 or 9.0

copying and scanning features

hp LaserJet 1220 printers :

copy speed

- Up to 12 ppm

scan speeds

- Color (4x6 photo): 24 bits @ 150 dpi = 3.0 ppm
- Color (mixed text/graphics): 24 bits @ 300 dpi = 0.5 ppm
- Black & white text: 1 bit @ 300 dpi = 6 ppm
- Grayscale (mixed text/graphics) 8 bits @ 300 dpi = 1 ppm

scanner resolution

- 600 ppi optical (9600 dpi enhanced) with 256 levels of gray

scanner compatibility

- Twain

copy and scan media

- Input bin capacity: 30 sheets of regular-weight 20 lb (75 g/m²) paper
- Priority input tray capacity: 10 sheets of 20 lb (75 g/m²) paper or 1 envelope
- Minimum paper size: 2 x 3.5 inches (50.8 x 90 mm) for straight-through paper path
- Maximum paper size: 8.5 x 35 inches (216 x 762 mm)

software

- Includes printing and scanning software for Windows and Macintosh environments, integrated desktop for organising scanned documents, drag-and-drop links to key applications, easy access to device configuration, scan to: functions, Readiris Pro OCR software.

other specifications

memory specifications

- DIMMs: 100-pin, 66 MHz minimum speed

port availability

- USB: 02.0
- Parallel: IEEE 1284 level 2 device with an IEEE 1284-B receptacle
- Cable not included in box.

weight

hp LaserJet 1200 printers:

- 16.1 lb (7.3 kg)

hp LaserJet 1220 printers:

- 19.2 lb (8.73 kg)

dimensions (w x d x h)

hp LaserJet 1200 printers:

- 16.3 x 19.1 x 10.0 inches (415 x 486 x 253 mm)

hp LaserJet 1220 printers:

- 16.3 x 19.1 x 16.4 inches (415 x 486 x 416 mm)

environmental

Acoustics during printing

hp LaserJet 1200 printers:

- 6.2 bels sound power level (per ISO 9296); during standby/sleep mode: Silent

hp LaserJet 1220 printers:

- 6.2 bels sound power level (per ISO 9296); During quick copying: 6.5 bels sound power level (per ISO 9296); During standby/sleep mode: Silent

Operating Environment-Printer plugged into an AC outlet:

- Temperature: 50° F to 90.5° F (10° C to 32.5° C)
- Humidity: 20%–80% (no condensation)

Storage Environment-Printer unplugged from an AC outlet:

- Temperature: 32° F to 104° F (0° C to 40° C)
- Humidity: 10%–80% (no condensation)

electrical specifications

hp LaserJet 1200 printers:

- Power requirements : 110–120 v (+/-10%), 50 to 60 Hz (+/-2), 127v, 60 Hz NOM or 220v (+/-10%), 50/60 Hz (+/-2 Hz); 220–240 volts (+/-10%), 50 hertz (+/-2 Hz)
- Power consumption (during printing): 285 watts (average)
- Power consumption (during standby/power save): 7 watts
- Minimum recommended circuit capacity: 4.5 amps @115 v; 2.3 amps @ 230v

hp LaserJet 1220 printers:

- Power consumption (during quick copying) : 252 watts (average); During standby/power save): 7watts.

minimum system requirements-pc

hp LaserJet 1200/1200n printers:

- Windows 3.1x supported through hp LJ 2100 print driver only. Print driver is not included in the box and must be download from the support web site at www.hp.com/support/LJ1200
- Windows 95/98: IBM-compatible PC with Pentium 90 MHz processor and 32MB of RAM; Windows NT 4.0: IBM-compatible PC with Pentium 90 MHz processor and 64MB of RAM; Windows 2000: IBM-compatible PC with Pentium 300 MHz processor and 64MB of RAM; Windows Me: IBM-compatible PC with Pentium 150 MHz processor and 32MB of RAM; Plus: 15MB of free hard disk space, CD-ROM disk drive, either a USB port, dedicated IEEE-1284 compliant bi-directional parallel port, or ECP-compliant parallel port for direct connections; Compatible HP Jetdirect EX print server for networked connections (not included).

hp LaserJet 1220 printers:

- Windows 3.1x supported through hp LJ 2100 print driver only. Print driver is not included in the box and must be download from the support web site at www.hp.com/support/LJ1200
- Windows 95/98: IBM-compatible PC with Pentium 90 MHz processor and 32MB of RAM; Windows NT 4.0: IBM-compatible PC with Pentium 90 MHz processor and 64MB of RAM; Windows 2000: IBM-compatible PC with Pentium 300 MHz processor and 64MB of RAM; Windows Me: IBM-compatible PC with Pentium 150 MHz processor and 32MB of RAM; Plus: 160MB of free hard disk space, CD-ROM disk drive, either a

USB port, dedicated IEEE-1284 compliant bi-directional parallel port, or ECP-compliant parallel port for direct connections; Compatible HP Jetdirect EX print server for networked connections (not included).

minimum system requirements-mac

hp LaserJet 1200/1200n printers:

- Mac OS 8.6 or 9.0: Power PC processor (i.e., iMac, Power Macintosh G3, Power Macintosh G4) with 32 MB of RAM; 15MB of free hard disk space; CD-ROM disk drive; USB port

hp LaserJet 1220 printers:

- Mac OS 8.6 or 9.0: Power PC processor (i.e., iMac, Power Macintosh G3, Power Macintosh G4) with 32 MB of RAM; 100MB of free hard disk space; CD-ROM disk drive; USB port

certifications

- Certified as a Class 1 Laser Device; Energy-Star compliant; Complies with Non-operating Magnetic Field Emissions, IATA Packaging Instructions 902; Complies with Canadian EMC Class B requirements.

warranty

- Please check with your local HP reseller or Hewlett-Packard offices for details

network bundle features

- All the features of the HP LaserJet 1200, plus 10/100 Base-T Ethernet, TCP/IP, SPX and LocalTalk protocols; HP JetDirect 175X print server; 16MB RAM standard

further information

The latest information on HP products and service is available on the World Wide Web at

<http://www.hp.com> or www.hp.com/go/lj1200

For more information, call your local Hewlett-Packard sales office or your nearest HP authorised dealer:

hp customer information center

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ordering information

number	
C7044A	HP LaserJet 1200 printer (base)
C7047A	HP LaserJet 1200 printer (se)
C7048A	HP LaserJet 1200n network printer bundle
C7406A	Copier/Scanner for HP LaserJet 1200
C7045A	HP LaserJet 1220 (base)
C7049A	HP LaserJet 1220 (se)

hp supportpack option¹

H2632E	Return to HP, 2 year
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supplies and accessories

C7842A	8MB memory DIMM
C7843A	16MB memory DIMM
C7845A	32MB memory DIMM
C7846A	64MB memory DIMM
C7115A	Standard HP LaserJet toner cartridge (2,500-page average)
C7115X	Extended-life HP LaserJet toner cartridge (3,500-page average)
8128-0549	2-foot USB cable
8121-0539	2-meter USB cable
C2950A	2-meter IEEE-1284 cable
C2951A	3-meter IEEE-1284 cable

memory

C7842A	8 MB memory DIMM
C7843A	16 MB memory DIMM
C7844A	24 MB memory DIMM
C7845A	32 MB memory DIMM
C7846A	64 MB memory DIMM

consumables

C7115A	Standard HP Ultra Precise Toner Cartridge (2,500 page average)
C7115X	Extended-life HP Ultra Precise Toner Cartridge (3,500 page average)

cables

8128-550	2-foot USB cable
8121-540	2-meter USB cable
C2950A	2-meter IEEE-1284 cable
C2951A	3-meter IEEE-1284 cable

network accessories

J6035A	HP Jet Direct 175x
J3263A	HP Jet Direct 300x
J3265A	HP Jet Direct 500x

Approximate figures. Exact speed will vary depending on the system configuration, software program and document complexity.

¹ Please check with your local HP reseller for availability of other HP Supportpack options.

hp customer care center

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