Twenty Years of Innovation:
HP LaserJet and Inkjet Printers 1984–2004

Compiled by HP Corporate Archives, based on HP press releases.

1984

May 1984 HP LaserJet—The original LaserJet (now called LaserJet Classic). The first high-quality, low-cost alternative to noisy, low-resolution dot-matrix printers or typewriter-style daisywheel printers, its easy-to use and reliable all-in-one cartridge design was revolutionary. 300-dpi output, 8 pages per minute (ppm), 28K memory, 8MHz processor, Courier typeface, and the original version of HP PCL (PCL 3). Priced at $3,495.

May 1984 HP ThinkJet—The industry's first mass-marketed, personal inkjet printer. Offered 96-dpi output at a print speed of 150 characters per second, and a cartridge-swapping system of black, red, green or blue. Priced at $495.

1985

November 1985 HP LaserJet Plus—The first printer to include the next generation of HP's printer command language, PCL 4, providing a wider selection of typefaces than was available in the original LaserJet and treatments like bold and italic. 300-dpi output. Priced at $3,995.

1986

March 1986 HP LaserJet 500—Featured high-capacity duty cycle of 1,000 pages a month.

July 1986 HP QuietJet Plus—Offered both 96 and 192-dpi output at slightly faster speeds than the ThinkJet for letter-quality printing on B-size media. Priced at $799.

November 1986 HP QuietJet—Offered the same features as the QuietJet Plus, but for letter-size printing. Priced at $799.

1987

March 1987   HP LaserJet series II—The world's first mass-market laser printer. List priced at $2695, it exemplified HP's philosophy of "more for less." It was the first desktop printer to offer correct-order plain paper output. Until this time, people accepted the task of manually reordering printed pages. The LaserJet II also had a second font-cartridge slot for optional typeface and graphics capabilities.

Set new benchmarks for price/performance. Faster, smaller and more versatile than its predecessors while maintaining 300-dpi output.

March 1987   HP LaserJet 2000—A high-end, networkable workhorse, the LaserJet 2000 offered a duty cycle of 70,000 pages per month and the standard 300-dpi output. Priced at $19,995.

August 1987   HP PaintJet—The first HP Printer to feature the new standard ink color scheme of CYMK—cyan, yellow, magenta on one cartridge and a separate cartridge for true black. Offered 180-dpi output at 4 minutes per page. Priced at $l, 395, the first affordable color printer from HP.

1988

February 1988   HP DeskJet—The first DeskJet plain-paper printer. Offered letter- quality monochrome printing at 300-dpi output and an average speed of 2 ppm for black text and graphics. At $995, it was the lowest priced non-impact printer on the market.

June 1988   HP shipped its 1 millionth LaserJet printer.

November 1988   HP LaserJet series IID—The world's first desktop laser printer with affordable duplex printing, allowing users to print on both sides of the paper. The LaserJet IID also offered a power envelope feeder and increased paper-handling options. Priced at $4,295.

1989

April 1989   HP DeskJet Plus—$995. Original DeskJet discounted to $795.

July 1989   HP DeskWriter—HP's first printer aimed at the Macintosh audience. Priced at $1,195.

September 1989	HP LaserJet IIP—The first "personal" version of the HP LaserJet printer series. Offered users the same print quality, reliability and font and graphics capabilities as its predecessor, the LaserJetII, but was only half the size and price. Offered 300-dpi output and 4ppm printing with PCL 4 enhancements such as support for compressed bitmapped fonts and raster images.

Priced at $1,495 by HP, retailers predicted a street price of $1000 or less, making it the world's first sub-$1000 laser printer.

November 1989	HP PaintJet XL—Improved speed of 1.5 minutes per page and full-color text and graphics printing from four separate cartridges for a variety of media sizes. Priced at $2,495.

1990

March 1990	HP LaserJet III—Offered two new features: Resolution Enhancement technology (REt), which dramatically increased print quality, and HP PCL 5. Thanks to PCL 5, printer users could easily scale text. This had a dramatic effect on word-processing software and set a new standard for the industry because customers were no longer restricted to 10 and 12-point type sizes. Priced at $2,395.
April 1990	HP PaintWriter XL—The PaintJet for Macintosh users. Included the same print speeds and 180-dpi output as the PaintJet and shipped with a built-in AppleTalk interface and printed color graphics at 1.5 minutes per page. Priced at $2,995.
April 1990	AppleTalk began to ship with the HP DeskWriter at no additional cost.
July 1990	DeskWriter price reduced to $995.
August 1990	HP DeskJet 500—Replaced the DeskJet and DeskJet Plus. A monochrome, 300-dpi printer with speeds up to 3ppm. Soon became the best-selling printer in the world. Priced at $729.
September 1990	HP Laser Jet IIID—The second printer with PCL 5 and REt, the LaserJet IIID offered an 8ppm engine, 300-dpi output and added a duplex printing option and a duty cycle of 20,000 pages per month. Priced at $3,595.

1991

February 1991	HP PaintWriter—A personal version of the PaintWriter XL for letter-size media only. Maintained same print speeds and 180-dpi output. Priced at $1,395. Paint Writer XL price reduced to $2,595.

March 1991	HP LaserJet IIISi—The world's first network printer. Designed to connect directly to a LAN, the IIISi featured a high-speed, 17ppm engine, 5MB of memory, 300-dpi output, REt and such paper handling features as job stacking and optional duplexing. The LaserJet IIISi also was HP's first printer to offer fast, onboard Adobe PostScript as opposed to the font-cartridge solution offered on earlier models. Priced at $5,495.
April 1991	HP LaserJet IIIP—The same 4 ppm engine and 300-dpi output as the IIP, but with a 16MHz processor (compared to 10) and a parallel port, the LaserJet IIIP provided PCL 5 and REt at a breakthrough price and had a small footprint. Priced at $1,595.
August 1991	HP DeskWriter C—The first DeskWriter to offer color as an option with interchangeable black and tri-color (CYM) cartridges. It offered the same print quality and speed of the original DeskWriter. Priced at $1,095.
September 1991	HP LaserJet IIISi for Macintosh. With the same 17 ppm as the IIISi and standard 300-dpi output with REt, this printer was developed to be easily plugged into a Macintosh network, offering an AppleTalk interface, genuine PostScript and automatic language switching. Priced at $6,995.
October 1991	DeskJet 500C—Identica1 300-dpi output and speed of the original DeskJet 500, with an additional color option with interchangeable cartridges. Priced at $1,095. DeskJet and DeskWriter prices reduced to $599.
October 1991	HP Laser Jet IIP Plus—A new price/performance milestone. This printer offered a 16-MHz processor and faster I/O to improve print- data transfer at a price lower than any of its predecessors. It maintained the 4 ppm print speed, 300-dpi output with REt and PCL 4 language of the IIP. Priced at $1,249.
November 1991	HP DesignJet—The first low-cost raster inkjet plotter. The DesignJet offered 300-dpi output for E-size (36-inch-wide) and D-size paper at a rate of 3 minutes per page. Priced at $10,995.

1992

January 1992	PaintJet and PaintWriter prices reduced to $1,095.

May 1992 — HP PaintJet XL300—Offered 300-dpi output, full color, plain-paper printing, PostScript Level 2 options, PC and Mac connectivity and color print speeds of 1.5 to 6 minutes per page on a variety of media. Base unit priced at $3,495; priced at $4,995 with PostScript Level 2.

August 1992 — HP DesignJet 600—The first HP plotter to offer both E and D sizes in one product and addressable 600-dpi output, the DesignJet 600 offered the same print speeds of the original. Roll-feed media and advanced nesting and queuing capabilities allowed unattended operation. Priced at $9,995.

October 1992 — HP DeskJet 550C and DeskWriter 550C—The first to offer resident black and color printing. Features included 300-dpi output, and speeds of 4 ppm black and 4 minutes per page for full color. Priced at $1,099.

October 1992 — HP DeskJet Portable—A mobile printer that featured 3 ppm black text in a compact, 4 pound printer. Priced at $599.

October 1992 — HP LaserJet 4 and LaserJet 4M—HP's first printer to support extensive bi-directional communications. Now network printers could talk to PCs and PCs could talk back to printers. This breakthrough enabled advancements in network printer management.

In addition, the LaserJet 4 was HP's first printer to offer 600-dpi output and employ Microfine toner, bringing publication-quality printing to the desktop. It also was the first LaserJet to ship with TrueType fonts, which ensured the printer fonts exactly matched the fonts displayed on the computer screen.

Featured a faster, 8 ppm, print speed, greater connectivity and better resolution (600-dpi) than its predecessors. It also featured REt and 45 built-in scaleable typefaces. The LaserJet 4 was priced at $2,199. The LaserJet 4M offered the same features as the LaserJet 4, but added Adobe PostScript, automatic language switching and true plug-and-play to meet the demands of mixed environments. Priced at $2,999.

1993

March 1993   Price cuts across the DeskJet line included:
- DeskJet Portable $479
- DeskJet 500 $479
- DeskJet 500C $619
- DeskWriter $479
- DeskWriter C $619
- DeskWriter 550C $879
- PaintJet $885
- PaintJet XL300 $2,795

April l993   HP LaserJet 4Si and 4Si MX—HP unveiled JetAdmin software—the world's first graphical user interface (GUI)-based printer management software—with the LaserJet 4Si. Installing and managing multiple printers on the network could now be done easily from a network administrator's desktop PC.

Furthermore, the LaserJet 4Si was the first printer with multi-protocol JetDirect support, enabling it to simultaneously connect and process jobs from PC, Mac and UNIX networks.

As true network printers, these printers offered 17 ppm output, 600-dpi print quality, two 500-page output bins and a built-in HP Bi-Tronics interface. The LaserJet 4Si was priced at $3,749. The LaserJet 4Si MX added PostScript Level 2 and multi-protocol HP JetDirect cards that enabled automatic network switching. Priced at $5,499.

May 1993   HP DesignJet 650C—HP's first color plotter. Featured four ink cartridges and millions of colors, taking only nine minutes to produce a D-size color plot. An Adobe PostScript Level 2 option was also offered. Priced at $9,995.

DesignJet 600 price reduced to $7,495.

May 1993   HP LaserJet 4L and 4ML—These low-cost personal laser printers offered 300-dpi output with REt, a 4 ppm engine and enhanced PCL 5 with automatic language switching. It also included HP's new Memory Enhancement technology (MEt)—a cost-saving solution allowing users to store more information with less memory.

It also was the first LaserJet featuring a "power-save" mode, which turned off the printer when it wasn't in use—enabling significant energy savings. Shortly after,

in February 1994, HP's laser printers earned the Energy Star certification from the EPA.

The LaserJet 4L was priced at $849. The LaserJet 4ML included PostScript and was priced at $1,279.

May 1993	HP DeskJet 1200C and 1200C/PS—Offered 600 x 300-dpi output for black text at 6 ppm and 300-dpi full-color printing at 1-2 minutes per page on plain paper. The DeskJet 1200C was priced at $1,699. The DeskJet 1200C/PS added PostScript and was priced at $2,399.
October 1993	HP DesignJet 200—A monochrome plotter aimed at budget-minded CAD users. Priced at $4,695 for an E-size.
October 1993	HP LaserJet 4P and 4MP—These printers included true 600-dpi output plus REt, offering low-cost, high-quality output for businesses and home office users. They also offered redesigned paper paths to handle various paper sizes and 42-pound paper. The LaserJet 4P was priced at $1,229. The LaserJet 4MP offered PostScript, 80 scaleable typefaces and 6MB of memory, and was priced at $1,729.
October 1993	HP DeskJet 310 and DeskWriter 310—HP's second portable printer that featured 300-dpi monochrome output, speeds of 3- 4 ppm, an optional color kit for full-color printing ($49) and an optional cut sheet feeder. Both printers were priced at $379.
November 1993	HP announced the shipment of the 10 millionth inkjet printer by the end of 1993.

1994

January 1994	HP announced the shipment of 5 million DeskJets in 1993, nearly half of which had a color feature as an option.
March 1994	DesignJet 600 price reduced to $6,995. DesignJet 200 price reduced to $3,995.
March 1994	HP DeskJet 520 and DeskWriter 520—Replaced the most popular printers in the world, and boasted improved features such as 600 x 300-dpi black text and graphics at 3 ppm with REt. The best print quality available among low-cost inkjet printers. Both printers were priced at $365.

March 1994	HP DeskJet 560C and DeskWriter 560C—The first printers to feature HP ColorSmart. They offered the same 600 x 300-dpi black text with REt, as well as full-color text and graphics. Both were priced at $719.
April 1994	HP shipped its 10 millionth LaserJet printer.
May 1994	HP DesignJet 650C was upgraded with ColorSmart technology and became Pantone certified. PostScript and a JetDirect card would be added in June as the DesignJet 650C/PS priced at $11,595.
May 1994	HP LaserJet 4Plus and 4M Plus—HP raised the world's desktop-printing performance standard from 8 ppm to 12 ppm with the LaserJet 4Plus. Other improvements included enhanced memory-management features, a 25MHz RISC processor, job overlap and advanced grayscale capabilities that provided 120 shades of gray for improved image quality. HP maintained 600-dpi output and REt. The 4Plus was priced at $1,839.
	The LaserJet 4M Plus added PostScript, a JetDirect card for Ethernet/LocalTalk and 4MB of additional memory for a price of $2,479.
August 1994	HP DesignJet 220—Offered addressable 600-dpi output and higher print speeds, producing an E-size plot in about 3 minutes, than the DesignJet 200, which it replaced. Priced at $3,995.
September 1994	HP LaserJet 4V and 4MV—HP's first wide-format laser printer, the 4V set price and performance benchmarks for 11" x 17" printing.
	The first HP printers to offer an internal hard disk option. These printers also feature 600 x 600-dpi output with REt, a 17 ppm engine speed and printing on a wide range of paper sizes, including letter, legal and 11 x 17 inch paper. The LaserJet 4V was priced at $2,449. The LaserJet 4MV added PostScript, a JetDirect card for Ethernet/LocalTalk and 12MB of memory for the price of $3,549.
September 1994	HP DeskJet 540 and DeskWriter 540—These printers featured 600 x 300-dpi monochrome output with REt at a speed of up to 3 ppm, and an optional color printing accessory for $49 that allowed 300-dpi color printing with ColorSmart at a speed of 1.5 minutes per page. Both printers were priced at $365.

September 1994	HP Color LaserJet—HP's first color laser printer. With an average cost per page of less than 10 cents, the Color LaserJet offered businesses a cost-effective alternative to print shops, which charged $1 or more per page for color documents. In addition, ColorSmart software simplified color printing and optimized color output.
	The Color LaserJet offered 2 ppm color printing and l0 ppm for black text, 8MB of memory, 45 built-in fonts, a 1,250 sheet paper tray and enhanced PCL 5 with color. Priced at $7,295.
September 1994	HP helped ratify an industry agreement on Management Information Base (MIB) and Simple Network Management Protocol (SNMP) network printing standards. Both improved the printing experience drastically regardless of the printer or network being used.
October 1994	HP OfficeJet Printer-Fax-Copier—A new product category designed for the home office, the OfficeJet offered 600 x 300-dpi monochrome printing at a speed of 3ppm, faxing capabilities with a 20-page automatic document feeder, a transmission speed of 10 seconds per page and copying at 200-dpi with such functions as reduction, enlargement and multiple copies. Priced at $750.
October 1994	HP DeskJet 320 and DeskWriter 320—This 4 pound notebook printer offered 600 x 300-dpi output for black text with REt and 300-dpi color printing with ColorSmart at speeds of 3 ppm for monochrome and 4 minutes per page for color. The printers were both priced at $379.

1995

January 1995	DeskJet 1200C price reduced to $1,249. DeskJet 1200C/PS price reduced to $1,999.
February 1995	LaserJet 4L price reduced to $650.
March 1995	HP Laser Jet 5P and 5MP—The world's first printer to support wireless infrared technology, allowing walk-up printing.
	These printers offered 600-dpi print quality, REt, print speeds of 6 ppm for black text, PCL 5 and two HP Bi-tronics parallel ports. The LaserJet 5P had a list price of $1,099. The LaserJet SMP added a LocalTalk interface and had a list price of$1,299.

March 1995	Price cuts across the DesignJet line included:
	• DesignJet 650C $7995
	• DesignJet 650C/PS $9,595
	• DesignJet 600 $5,995 and $4,995
	• DesignJet 220 $3,195 and $2,395
April 1995	HP OfficeJet LX—Offered the same features as the original OfficeJet, adding PC faxing and convenience copying for a price of $850.
April, May 1995	HP LaserJet 4LC and 4LJ Pro—The 4LC was the first printer designed exclusively for the Chinese market. Utilizing the newly developed 2 byte PCL used for Asian font rasterization and printing, HP introduced the LaserJet 4LC in China in April, and the LaserJet 4LJ Pro in Japan in May. Based on the LaserJet 4L platform, these printers featured 600 dpi, 2MB RAM, 8 MB ROM, Jeida DRAM Memory upgrades and Chinese or Japanese fonts.
May 1995	HP DesignJet 250C—HP's first large-format color plotter for the low-end CAD market.
May 1995	HP DesignJet 230—HP's first large-format inkjet device expected to sell for less than $2,000. This replaced the DesignJet 220.
May 1995	HP DeskJet 660C and DeskWriter 660C—These printers were the first to offer pigment-based black inks and dye-based coloring. They also offered 600 x 600-dpi output for black text, 600 x 300-dpi output for color printing, and were able to print 4 ppm in black text and 1.5 ppm in color with ColorSmart. They contained both black and color ink cartridges and were priced at $599.
July 1995	HP DeskJet 1600C and 1600CM—As HP's high-end inkjets, replacing the 1200C, these printers featured 600-dpi print quality in black text with REt and print speeds of 9ppm and 300-dpi print quality in color with Color Smart and print speeds up to 4 ppm. The DeskJet 1600C was priced at $1,699. The DeskJet 1600CM added Postscript, 2MB of memory and an Ethernet/LocalTalk interface and was priced at $2,479.
July 1995	DeskJet 600 and DeskWriter 600—These printers offered 4 ppm black text at 600-dpi print quality, HP PCL 3 and 1 ppm color printing with an optional HP color kit, priced separately $49. The DeskWriter added Macintosh compatibility, and both were priced at $365.

July 1995	DeskJet 600C—Offered the same features of the DeskJet 600, adding the color kit as a standard feature. Priced at $369.
July 1995	DeskJet 660C price reduced to $499.
July 1995	DeskJet 850C and DeskJet 855C—The first implementation of HP's Color Resolution Enhancement technology (C-REt), these printers had a print quality of 600-dpi in black text with REt and 300-dpi in color with C-REt. Print speeds were 4 ppm black text and 1.5 ppm color. The DeskJet 850C was priced at $618, and the 855C was priced at $623.
September 1995	HP DesignJet 750C—Offered true 600-dpi monochrome plotting and plain-paper color plotting at lower prices and faster speeds than its predecessor, the DesignJet 650C. Priced at $6,595 for D-size and $7,595 for E-size.
September 1995	HP DesignJet 755CM—Offered many of the same features as the DesignJet 650C/PS, which it replaced, while adding enhanced photorealistic reproduction on a variety of media and output up to 3 feet wide by 9 feet long. Priced at $11,995.
September 1995	HP DeskJet 340—This unit featured 600 x 300-dpi print quality for black text at speeds of 3 ppm. Color printing was available with an HP Color kit at a resolution of 300-dpi and print speeds of 2 minutes per page. Priced at $365.
September 1995	HP LaserJet 5L—A personal laser printer, this unit featured 600-dpi output, 4 ppm black text printing, an HP Bi-tronics parallel port and PCL 5 for a price of $599.
	Listed at $586, it was expected to sell for about $479, making it the world's first 600 x 600-dpi printer priced under $500.
October 1995	HP DeskJet 660Cse—This printer offered the same print quality and print speeds as the DeskJet 660C, adding a duplex printing option, Print Shop Deluxe, a special Kodak Photo CD and the HP Premium Paper Pack, as well as two sided printing and a new ink-saving print mode for a price of $489.
October 1995	HP CopyJet and CopyJet M Color Printer-Copiers—The first color printer-copier for HP and the industry. The CopyJet offered 600 x 300-dpi output with REt in black text and 300 x 300-dpi output in color with Color Smart at speeds of up to 7 ppm for black and 1.5 ppm in color. The units also feature copying

capabilities with speeds up to 4 ppm for black text and 1 ppm for color copies. Other copier features included reduction and enlargement and up to 99 multiple copies. The CopyJet was priced at $2,949. The CopyJet M included Postscript and a JetDirect card for Ethernet/LocalTalk and was priced at $3,649.

October 1995	DeskJet 850 price reduced to $499.
October 1995	DesignJet 600 prices reduced to $4,495 for D-size and $5,495 for E-size.
November 1995	HP LaserJet 5Si and LaserJet 5Si MX—The LaserJet 5Si provided users with state-of-the-art network printing when introduced. The printer featured extensive paper-handling capabilities like a 2,000 –sheet input tray and the ability to electronically collate and staple documents. It also came with an enhanced suite of printer management software. HP's fastest printers to date, the 5Si and 5Si MX featured a 24 ppm print engine, a 40MHz processor, a duty cycle of 100,000 pages per month, 600-dpi output with REt and advanced paper handling capabilities. The 5Si units also had such options as duplexing and a multi-bin mailbox for added functionality. The LaserJet 5Si was priced at $3,499. The LaserJet 5Si MX added PostScript, 8MB of memory, totaling l2MB, and a JetDirect card and was priced at $4,899.
December 1995	DeskJet 600 and DeskWriter 600 prices reduced to $315. DeskJet 600C price reduced to $319.

1996

March 1996	HP OfficeJet 300—Offered the same functionality as the original OfficeJet, improving copying to 300-dpi. Priced at $675.
March 1996	HP OfficeJet 330 and OfficeJet 350—These two new products offered the same enhanced copier resolution of the OfficeJet 300, as well as a scanning capability with a resolution of 300-dpi. The OfficeJet 330 is priced at $715. The OfficeJet 350 contained OCR software in the box for scanning and was priced at $725.
March 1996	HP Color LaserJet 5 and Color LaserJet 5M—Image REt 1200, using millions of solid colors, gave the printer outstanding, unprecedented text and photo-realistic image quality.

HP's second generation color laser printers, these units offered 300-dpi output with REt for black text and the first implementation of Image REt 1200 for color, a technology that offered 1200-dpi equivalent output, print speeds of l0 ppm in black text and 2-3 ppm for color, the ability to print on 11xl7 paper, and enhanced memory (20MB on the 5 and 36MB on the 5M). The Color LaserJet 5 was priced at $7,495. The Color LaserJet 5M added PostScript and a JetDirect card and was priced at $9,195.

April 1996   HP DesignJet 350C and DesignJet 330—The first plotters from HP to bring roll-feed media to the entry-level segment of the CAD market. The DesignJet 330 was HP's first monochrome plotter that could be upgraded to full color. They offered 600-dpi monochrome output and 300-dpi color output at a rate of approximately 6 minutes per D-size paper. The DesignJet 350C was priced at $2,695 for D-size and $3,495 for E-size. The DesignJet 330 was priced at $2,195 for D-size and $2,995 for E-size.

April 1996   HP LaserJet 5, LaserJet 5N and LaserJet 5M—The LaserJet 5 family of printers was the first to offer HP PCL 6, an improved printer language for noticeably faster output—especially with complex, graphics-intensive documents.

They also featured 600-dpi output with REt, and a 12ppm engine. The LaserJet 5 was priced at $1,629. The LaserJet 5N marked the first 'N' designated printer from HP, offering the same characteristics of the 5, but with the addition of a JetDirect card for Ethernet at a price of $1,929. The LaserJet 5M added PostScript, a JetDirect card and 2MB of memory (totaling 6MB) at a price of $2,229.

April 1996   HP DeskJet 680C and DeskWriter 680C—The first HP printers to offer continuous-feed banner printing, these printers offered 600-dpi print quality for black text and 600 x 300-dpi color printing at speeds of 5 ppm for black text and 1.5 ppm for color. The DeskWriter offered Macintosh compatibility, were both are priced at $386.

April 1996   HP DeskJet 682C—This printer offered the same features as the DeskJet 680C and added Disney Interactive's *Mickey and Friends* print studio CD-Rom. Priced at $411.

April 1996   HP DeskJet 820 Cse—The first of HP's professional series of inkjets, this printer offered 600-dpi black output and 600 x 300-dpi color printing with C-REt at

speeds of up to 5 ppm for black text and 1.5 ppm for color. Came with Microsoft Publisher and Quickstart bundled at a price of $486.

June 1996   DeskWriter 600 price reduced to $249.

July 1996   LaserJet 5L Extra—This printer offered the same features as the LaserJet 5L and added software bundles including Netscape Navigator for a price of $479.

August 1996   HP DeskJet 400—The first printer to be introduced with an average street price under $200 ($199), the DeskJet 400 featured a small foot print and a fold-up paper tray, 600 x 300-dpi black text output and 300-dpi color output and speeds of 3 ppm in black and 2-3 minutes per page in color. Priced at $249 (list).

August 1996   DeskJet 680C and DeskWriter 680C prices reduced to $357. DeskJet 682C price reduced to $373.

August 1996   HP DeskJet 870Cse—Offered print speeds of up to 8 ppm for black text at true 600-dpi and 4 ppm in color with mixed graphics and text at 600 x 300-dpi with C-REt. Priced at $599.

August 1996   CopyJet price reduced to $2,125.
                     CopyJet M price reduced to $2,950.

September 1996   HP 1600CN—This color printer joined the popular DeskJet 1600C and 1600CM color printers, introduced in July 1995. The new printer provided affordable network printing for customers who needed "out-of-the-box" connectivity and did not require the PostScript™ or extra memory offered with the DeskJet 1600CM color printer. The printer also offered an additional paper tray for offices that needed more paper-handling capabilities. Priced at $2,129.

October 1996   HP DeskJet 690C—This printer was the first to utilize the optional HPP Photo Kit to produce photo-quality prints. It offered continuous banner feed capability, 600-dpi black text printing and 600 x 300-dpi color printing with 5 ppm in black and 1.7 ppm in color. Priced at $419. HP Photo Kit (optional) priced at $62.

October 1996   HP DeskJet 693C—This printer had all of the features of the DeskJet 690C and added the HP Home Project Kit including Disney Interactive's 101 Dalmatians Print Studio CD-ROM and PrintPaks Family Fun Kit. Priced at $431.

October 1996	HP LaserJet 6 printer series—The LaserJet 6P and 6MP replaced the LaserJet 5P and 5MP, offering significant performance enhancements at a lower price than their predecessors. Offered 8 ppm, 600-dpi, and wireless printing at a data-transfer rate of 4 Mbps. The 6MP was compatible across Macintosh and Windows PostScript environments and was developed for desktop publishers and graphics professionals who needed a PostScript printer. Expected to sell for less than $800 and $950.
November 1996	CopyJet price reduced to $1,825. CopyJet M price reduced to $2,650.
November 1996	HP Laser Jet 5Si Mopier—The world's first "mopier"—a new category of network printer optimized to produce multiple original prints (mopies). Mopiers eliminated the need for photocopying multiple sets of a document, and were developed to replace the department copy machine. The Mopier was designed to produce mopies with features such as stapling, electronic collation and Transmit Once spooling technology. Priced at $9,549.
December 1996	HP LaserJet 5Si NX—This printer was similar to the LaserJet 5Si and 1600CN, but had a JetDirect card for Ethernet. Priced at $3,869.
December 1996	Mopier Upgrade Kit—This kit contained firmware and software upgrades to provide complete Mopier functionality to existing LaserJet 5Si printers. Priced at $1,279.

1997

March 1997	HP Photosmart PC Photography System announced—The first PC photography system designed for home users. Included a digital camera, photo printer, photo scanner, photographic papers and image-editing software. The camera listed at $399, the printer and scanner at $499.
May 1997	HP LaserJet 6L printer family—Replaced the LaserJet 5L. Offered 6 ppm, 600 dpi, and a duty cycle of 6,000 ppm. The LaserJet 6Lse came with the LaserJet Internet Publishing Kit. The LaserJet 6Lxi, available in the U.S. commercial channel, came with the LaserJet Internet Custom News Kit. Priced starting at $399.
July 1997	HP DeskJet 400L—At $149, the lowest-priced home printer offered to date by HP.

November 1997	HP LaserJet 4000—Introduced JetSend technology, which allowed direct communication between printers, scanners, and other JetSend-enabled information appliances. In addition, the LaserJet 4000 was the first workgroup printer featuring "Instant-on" fuser technology. Plus, it was the first laser printer with FastREs 1200, a technology offering 1200-dpi quality output without the performance degradation and memory costs associated with competing printers.
	The LaserJet 4000 also was HP's first laser printer to support EIO (Enhanced Input/Output)—the company's second generation, high-performance network interface. Finally, the LaserJet 4000 was the first printer to employ UltraPrecise toner, which enabled more accurate dot placement, enhanced grayscale and photo-quality output.

1998

March 1998	HP LaserJet 5000 printer family—Wide format printers that replaced the LaserJet 4V and 4MV printers. Featured 16 ppm, 1200 dpi, duplex printing and printing on a variety of paper sizes from 3 inch x 5 inch to 12.28 inch x 18.5 inch Est. retail prices: • LaserJet 5000 $1,499 • LaserJet 5000 N $2,059 • LaserJet 5000 GN $2,599
April 1998	HP LaserJet 3100—The world's first mass-market all-in-one laser device. Users could print, fax, copy, and scan with a single appliance.
May 1998	HP LaserJet 8000 printer family—Departmental printers which replaced the HP LaserJet 5Si. Featured expanded paper-handling options, network-peripheral management and mopying capabilities, Offered 1,200 dpi, PostScript Level 2 emulation, PCL 6, Enhanced Input/Output (EIO) Architecture, HP Web JetAdmin 3.0, and HP JetSend technology. Est. retail prices: • LaserJet 8000 $2,350 • LaserJet 8000 N $2,640 • LaserJet 8000 TN $3,179
May 1998	HP Mopier 240 network copier—Combined network printing with copier-like finishing capabilities such as duplexing, digital collating and stapling. Sold exclusively through qualified HP dealers offering service, support and sales agreements. Priced at $5,170-$8,393 depending on configuration.
July 1998	HP shipped its 30 millionth LaserJet printer.

October 1998 | HP LaserJet 1100 printer—Replaced the HP LaserJet 6L printer. Offered 33% faster print speed and twice the memory of the 6L for the same price of $399.

October 1998 | HP LaserJet 1100A printer-copier-scanner—The world's first JetPath-enabled all-in-one device. JetPath technology eliminated the speed and copy-quality degradations typical of multifunction peripherals. Offered the same printing features as the HP LaserJet 1100 printer, as well as complete copying and scanning capabilities, for $100 more. Est. street price $499.

October 1998 | HP LaserJet 8100—HP's fastest, most versatile LaserJet printer to date. Offered "private printing" and "proof and hold" features, which gave users the ability to print a secure document from the control panel, and proof the first set of a multi-set document before printing the rest.

October 1998 | HP Mopier 320—The world's first network copier with dual-scan capability. Now HP printer users had walk-up digital-copying capability, as well as mopy functionality.

October 1998 | HP Color LaserJet 4500 and 8500—The world's first color laser printers to support auto-duplexing (printing on both sides of the page). The 4500 was a workgroup color laser printer; the 8500 was for departmental usage.

1999
January 1999 | HP DeskJet 882C—The successor to the DeskJet 722C. Represented a 25% increase in color print speed, with 5 ppm in color and 8 ppm in black.

February 1999 | HP LaserJet 2100 printer series—The world's first personal laser printers in their class to offer high-quality 1200 x 1200-dpi resolution without significant performance loss. Replaced the LaserJet 6P/6MP.

May 1999 | HP LaserJet 4050—Priced identically to the LaserJet 4000, the 4050 provided increased performance, increased versatility, and lower total cost of ownership (TCO). A midrange laser printer for business professionals.

August 1999 | HP's largest introduction of home imaging products and services to date—A 16-product portfolio of printers, digital cameras, all-in-ones, scanners and Web services, including:
• HP OfficeJet T45/T65 series all-in-ones—All-color printer/fax/scanner/copier designed for home office use. Estimated street prices of $499 and $599.

- HP PSC 500 all-in-one—All-color printer/scanner/copier. For family projects; est. street price $399.
- HP DeskJet 970Cse/Cxi printer—$399.
- HP PhotoSmart P1100/P1100xi printer—$499.
- HP DeskJet 830/832C printer—$199.
- HP PhotoSmart P1000 printer—Allowed users to print photos directly from their digital cameras without using a PC. Provided direct printing from many cameras, plus wireless printing from the HP PhotoSmart C500 digital camera. 11ppm black and 8.5 ppm color, up to 600-dpi in black, 2400 x 1200-dpi resolution in color on photo paper. Priced at $399.

2000

January 2000	HP LaserJet 4050 USB-Mac Printer Bundle—A base model HP LaserJet 4050 printer with an installed HP JetDirect USB/LocalTalk/Serial connectivity card, offering Mac users direct connectivity to their computers.
January 2000	HP LaserJet 3150 all-in-one—Printer/fax/copier/scanner for use in remote workers in home or satellite offices. Featured networkable printing, fax transmission and scanning, 600 dpi, 6 ppm, 6,000 pages per month duty cycle, and stand-alone plain paper fax capability without using a PC. Est. street price $599.
April 2000	HP Color LaserJet 8550 printer series—The series introduced HP's first color network laser printer with walk-up, full-color copying capabilities. The 8550GN was HP's first high-performance printer model designed specifically for graphics professionals. Priced 20% lower than its predecessor, the Color LaserJet 8500. Series included: • HP Color LaserJet 8550 printer • HP Color LaserJet 8550N printer • HP Color LaserJet 8550DN printer • HP Color LaserJet 8550GN printer • HP Color LaserJet 8550MFP
July 2000	HP celebrated the shipment of the 50 Millionth LaserJet.
October 2000	HP LaserJet 3200/3200SE All-in-ones—Printer/fax/copier/scanner featured one-touch, color scan-to-Web or scan-to-e-mail feature. Replaced the LaserJet 3150 AIO. Est. street price of $599.

November 2000	HP Color LaserJet 4550—Featured Internet-enabled technologies and remote management tools designed to make color printing easier, including an embedded web server that allowed network managers to customize printer alerts and usage statistics, and to monitor and manage their consumables. Also offered HP ChaiServer Embedded Virtual Machine (EVM), an open architecture programming environment that allowed users to develop or use future custom Java applications. Other features included:

- Infrared walk-up printing capabilities, allowing users to print without a PC or server connection
- HP ImageREt2400
- 233 MHz processor, 128 MB RAM, upgradeable to 192 MB, a 5 GB hard disk, HP JetDirect 610N network card, 4 ppm for color and 16 ppm for monochrome print jobs.

Priced at $1999 for base model.

November 2000	HP Color LaserJet 8150 family of printers and MFPs—Featured HP ChaiServer EVM and an embedded web server. The LaserJet 8150 printer offered a 250 MHz microprocessor, 32 ppm, 2MB flash memory. The LaserJet 8150 MFP included a digital copy module that allowed customers to copy, scan or digitally send documents. LaserJet 8150 priced at $1,999; LaserJet 8150 MFP priced at $11,429.

2001

January 2001	HP LaserJet 3200m All-in-one—Macintosh-compatible printer/fax/copier/scanner introduced in North America. Est. street price of $399.
March 2001	HP LaserJet 4100, 2200, 1200, 1220 printers and 3200 and 3200m all-in-ones (AIO)—Five new printers featured Internet-enabling technologies that allowed customers to scan documents directly to the Web, remotely manage printers and supplies, and print information directly from wireless devices. Each printer also fully supported multiple operating systems, including Linux.

- HP LaserJet 4100 replaced the HP LaserJet 4050 printer.
- HP LaserJet 3200m AIO supported Macintosh users.
- HP LaserJet 3200 AIO replaced the HP LaserJet 3150 AIO.
- HP LaserJet 2200 replaced the HP LaserJet 2100 printer.
- HP LaserJet 1200 and 1220 replaced the HP LaserJet 1100 and 1100a printers.

May 2001	HP LaserJet 9000 printer series—HP's fastest laser printer to date, with a speed of 50 ppm. To achieve the extra speed, two laser beams were directed onto the OPC at the same time, writing two lines of print simultaneously. The LaserJet 9000 was not meant as a replacement for any other HP model, and targeted the general office and volume transaction printing markets. Internet-enabled, 50 ppm, first page out in less than 8 seconds, 300,000 pages-per-month duty cycle. Est. street prices:

- HP LaserJet 9000 $3,299
- HP LaserJet 9000N $4,839
- HP LaserJet 9000DN $5,369

September 2001	HP LaserJet 1000—HP entered the low-end laser printer market with the HP LaserJet 1000, the first sub-$250 LaserJet and the lowest priced monochrome HP LaserJet printer to date. Offered 10 ppm, HP Instant-on fuser, 600-dpi with HP REt boosting output effectively to 1200dpi, 2.5 cent cost per page, and 7,000-page monthly duty cycle. Supported Microsoft Windows 98, 2000 Me and XP. Est. street price of $249.

2002

March 2002	HP LaserJet 3300mfp series—Designed for small business, home office and small workgroup user. Offered Windows and Macintosh network printing, copying, scanning and send-to-email capabilities. Priced at $499-$899
	Hp LaserJet 4100mfp—Printing, copying, color scanning and digital sending for small, medium and large organizations. Offered 25 ppm and embedded send-to-email capabilities. Priced at$3,749.
	HP LaserJet 9000mfp—Designed for large workgroups and departments. Fast network printing, copying, faxing, embedded send-to-email and robust paper handling. 50 ppm. Priced at $13,999.
	HP DesignJet Copier cc800ps—Color copying, printing and scanning of wide, large format documents. Priced at $19,995.
May 2002	HP LaserJet 5100/5100 tn printers—Wide-format monochrome LaserJet printers for business users. The 5100 offered1,200 dpi, 22 ppm on A4-size paper and 11 ppm on A3-size paper, and came with 16 MB RAM. Priced at $2,699.

The LaserJet 5100 tn offered the same features as the 5100, except that it came with 32 MB RAM, an HP JetDirect internal print server and an additional 500-sheet paper tray. Priced at $3,799.

June 2002

HP Color LaserJet 4600 printer series—The first printer to use HP's in-line technology rather than four-pass printing. The result was four times the printer speed of its predecessor product and color printing at the same speed as monochrome.
- HP LaserJet 4600 $1,999
- HP LaserJet 4600dn $2,499
- HP LaserJet 4600dtn $3,399
- HP LaserJet 4600hdn $3,899

June 2002

HP Deskjet 5550, 3820 and 3420—Part of HP's largest consumer product rollout to date, known as "Big Bang." Between June 2002 and early 2003, HP rolled out more than 50 imaging and printing products.

HP Deskjet 5500—Featured up to six-ink printing, 4,800 optimized dpi, Photoret IV, black text up to 17 ppm and color up to 12 ppm. Est. street price $149.

HP Deskjet 3820—4,800 optimized dpi, up to 12 ppm in black and 10 ppm in color. Est. street price $99.

HP Deskjet 3420—2,400-dpi, up to 10 ppm in black and eight ppm in color. Est. street price $79.

July 2002

Photosmart 7550, 7350, and 7150 printers—Featured up to 4,800 optimized dpi or up to six and seven-ink color printing. The 7550 featured an LCD for previewing and editing photos. The 7550 and 7350 supported various memory cards for computer-free printing. All three printers featured front USB ports for digital camera owners to print without computers.
Est. street price:
- Photosmart 7550$399
- Photosmart 7350$249
- Photosmart 7150$179

HP Photosmart 130 printer—A compact printer for 4 x 6 photo prints. Est. street price $179.

September 2002	HP Color LaserJet 2500 printer—HP's first sub-$1000 color laser printer. Est. street price of $999.
	HP Color LaserJet 5500 printer—The fastest HP color LaserJet printer to date. Featured wide-format in-line printing up to 21 ppm for letter output.
	HP Business Inkjet 3000 printer—Designed for small workgroups. Featured laser-like speed at 8 ppm. Est. street price $799.
	HP Designjet 5500 printer—Designed for print service providers, graphics and mapping professionals. Supported printing materials up to 60 inches Est. street price $8,999.
November 2002	HP LaserJet 4200 and 4300—Offered faster print speeds, advanced toner formulation, increased memory, expanded paper handling options, and lower total cost of ownership. The 4200 replaced the world's best selling midrange laser printer, the HP LaserJet 4100. Estimated U.S. base prices of $1,099 and $1,399.
2003	HP shipped its 75 millionth LaserJet printer.
March 2003	HP PSC 1210—The world's smallest flatbed all-in-one. Printer/scanner/copier, est. street price $149.
	HP OfficeJet 7100 series all-in-one—Included the 7110, 7130, and 7140xi. Est. street prices $399-699.
April 2003	HP LaserJet 1300 and 2300 series printers—Developed for small and medium businesses (SMBs). The LaserJet 1300 series featured up to 20 ppm, first-page-out in less than 8 seconds, and networking or direct-connect, from $399. The LaserJet 2300 featured up to 25 ppm, first-page-out in less than 10 seconds, and 1200-dpi, from $549. Replaced the HP 1200 and 2200 series.
	The HP LaserJet 1150, also introduced in April, was similar to the 1300 series, but for large orders only.
May 2003	HP Color LaserJet 1500 printer series—4 ppm color and 16 ppm black, Windows or Macintosh.

HP DesignJet 815 mfp—Integrated large-format color printing, copying and scanning in one device.

DesignJet Scanner 4200—scanning and copying ability.

HP LaserJet 9000L mfp—Provided print, copy, scan and fax functions. 40 ppm.

June 2003	HP shipped its 200 millionth inkjet printer.
July 2003	HP Deskjet 5650/5150/3650/3520 color inkjet printers—Est. street prices of $39-$149.
August 2003	"Big Bang 2"—HP launched its largest product introduction to date—158 consumer product offerings, including: • HP Photosmart 7260/7660/7760/7960—The HP Photosmart 7960 was the world's first eight-ink consumer photo printer. • HP Photosmart 145/245—Compact 4 x 6 photo printers. • HP PSC 2410/2510 Photosmart all-in-one—Print/scan/fax/copy. The 2510 was the industry's first all-in-one printer with built-in wireless functionality. • HP PSC 1350 all-in-one printer/scanner/copier • HP OfficeJet 5510 all-in-one printer/fax/scanner/copier • HP Deskjet 3550 Color Inkjet Printer • HP Deskjet 5850 • HP Deskjet 9650 photo printer—delivered photos up to 13 x 19 inches in size.
September 2003	HP PSC 1350 all-in-one printer/scanner/copier—Offered a variety of digital camera memory card slots, HP Photo Proof Sheet feature, up to six-ink color printing or up to 4800-optimized dpi, 17 ppm in black and up to 12 ppm in color.

September 2003	HP Color LaserJet 9500 printer—Part of the Smart Office initiative.

September 2003   HP Color LaserJet 9500 printer—Part of the Smart Office initiative.

HP Deskjet 5850 printer—Offered built-in wired Ethernet networking and wireless (802.1b) printing for up to five users, six-ink printing and up to 4,800 x 1,200 optimized dpi.

HP Deskjet 9600 series printers—Offered six-ink printing, 4,800-optimized dpi and four-sided, borderless printing on a variety of HP papers including A6 size postcards to A3/11 x 17 inch size posters.

HP Business Inkjet 1100 series—Printers for high-productivity individuals or small work teams.

HP LaserJet 1010, 1012 and 1015 printers—Offered affordable network-based printing. The 1010 was HP's first sub-$200 LaserJet printer.

November 2003   HP LaserJet 9055/9065/9085 MFPs—HP enters the $24 billion copier market with a copier-based line of high-volume multi-function printers.

2004

January 2004   HP Color LaserJet3500 and 7500 series printers—Developed for SMB offices; Mac OS X and Microsoft Windows compatible. The 3500 featured 12 ppm for both color and black & white, and 4,000-page print cartridges.

The 3700 featured HP Image Ret2400, 16 ppm, two-sided printing capability, up to 850 sheets of paper input, and 6,000-page print cartridges. Est. street prices:
- HP Color LaserJet 3500 $799
- HP Color LaserJet 3500n $999
- HP Color LaserJet 3700 $1,299
- HP Color LaserJet 3700n $1,599
- HP Color LaserJet 3700dn $1,999
- HP Color LaserJet 3700dtn $2,199

February 2004   HP Designjet 30/130 printing systems—Wide-format, professional-level home photo printers. Offered state-of-the-art dye-based ink formulations, color stability and consistency, and color management tools. Print capability of up to 19 inch prints for the 30 and 24 inch for the 130.

March 2004	HP LaserJet 3000 series all-in-ones—Released as part of HP's Smart Office Initiative, aimed at small and medium-size businesses. Replaced the LaserJet 3300 all-in-one series and includes models 3015/3020/3030/3380. Featured 1200 dpi, 15 ppm, scan and send color or black & white documents to e-mail and the Web with one touch, first page out in under 10 seconds, reduce and enlarge to copy on control panel. Priced starting at $499. HP Officejet 9100 series all-in-ones—Combined scanning, printing, copying, facsimile, photo printing and digital document distribution. Priced starting at $599.
April 2004	The development and commercialization of thermal inkjet technology earned HP the Corporate Innovation Award from the Institute of Electrical and Electronic Engineers (IEEE).
May 2004	HP celebrated the 20th anniversary of the original LaserJet and ThinkJet printers.