HP Officejet Pro K550 series color printer

K550 • K550dtn • K550dtwn

+hp

Get the color printing you've always wanted and look more professional with the world's fastest desktop business color printer with Laser Quality Speeds up to twice as fast and printing costs up to 30 percent lower than color laser printers.

vivera
HP INKS

Up to 2x faster than color laser

- **Laser Quality Speeds[1] of up to 12 pages per minute (ppm) black and 10 ppm color.** The printer maximizes your productivity by quickly delivering professional, high-quality black text and business color documents with graphics.

- **Get the world's fastest desktop business color speeds.[2]** Bring proven HP performance to your office with blazing print speeds of up to 37 ppm black and up to 33 ppm color in Draft mode. HP makes business printing faster, more efficient, and more convenient than ever.

Color printing for 30% less than laser

- **Enjoy everyday savings and business color from HP.** New HP technology enables a cost per page (CPP) as low as 7.7 cents for color—up to 30 percent lower than color laser printers.[3]

- **Deliver professional-looking documents more economically.** The printer offers HP's sharp laser-quality black text at a black printing CPP up to 25 percent lower than monochrome laser printers, with costs as low as 1.5 cents per page.[3]

- **Print in volume and save.** Use high-capacity, individual, ink cartridges for up to 2,350 pages before replacing the black cartridge and up to 1,200 pages before replacing a color cartridge.[4]

Individual Ink

Professional color that lasts

- **Make a lasting business impression.** HP Vivera Inks deliver exceptional fade resistance, ensuring that archived business documents last for decades.[5] And with up to 4800 optimized dpi,[6] you'll enjoy vibrant images. HP Smart printing technology[7] in HP supplies and the printer enables proactive alerts and continually makes automatic adjustments to optimize print quality.

- **Produce vibrant, durable documents.** HP Advanced Paper features patented ColorLok™ technology that makes printed documents water and smear-resistant, allows ink to dry more quickly, and produces deeper blacks and more vivid color.

Wired or wireless networking

- **Boost productivity with built-in networking.** Share your printer with as many as five individual users. The HP Officejet Pro K550dtn color printer features built-in wired networking. For maximum flexibility, the HP Officejet Pro K550dtwn color printer features both built-in wired and wireless networking with SecureEasySetup™. SecureEasySetup™ enables effortless two-step wireless network setup with Wi-Fi Protected Access™ (WPA™) security.

HP printing and imaging systems help you create powerful, professional communications easily. Printers, supplies, accessories, and services are designed together to work together and are invented to meet your business needs.

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[1] Compared to color laser printers under $500. Laser Quality Speed is an HP measurement method representing the print speed of typical office documents in default mode; compared to published color speeds by laser manufacturers as of May 2005. Test methods may vary.

[2] Compared to color laser and inkjet printers under $500. Based on fastest rated speeds as published by manufacturers as of May, 2005. Test methods vary.

[3] CPP laser supplies comparisons based on published manufacturer specifications of the highest capacity cartridges available for color laser printers under $500 and mono lasers under $250 as reported by Current Analysis, Inc. as of May 2005. HP Officejet Pro K550 series CPP based on HP 88 Large Ink Cartridges' estimated street price and published yield. Results may vary.

[4] Estimated pages based on HP 88 Large Ink Cartridges from internal test results; high capacity cartridges not included, please purchase separately. For more information go to www.hp.com/go/pageyield. Actual results may vary.

[5] Based on paper industry predictions for acid-free papers; colorant stability data at room temperature based on similar systems tested as per ISO 11798 and ISO 18909.

[6] Up to 4800 by 1200-optimized dpi color when printing on HP Premium Photo Papers from a computer and 1200 by 1200 dpi input.

[7] Using genuine HP supplies ensures availability of all HP printing features.

hp invent

HP Officejet Pro K550 series color printer

1 Ink cartridge cover provides quick access to four snap-in ink cartridges.

2 Top cover flips open for easy troubleshooting or maintenance.

3 User-friendly control panel includes graphical icons on the buttons and lights. It provides printer and wireless networking status at-a-glance and simplifies wireless configuration with SecureEasySetup™.

4 150-sheet output tray with extender.

5 250-sheet and 350-sheet input trays for high-volume printing.

6 Automatic two-sided printing accessory for professional, two-sided documents.

7 Built-in (Full Speed) USB host connector enables wireless configuration through Windows® Connect Now.

8 Built-in wired Ethernet networking.

9 Built-in Hi-Speed USB 2.0 port enables fast and easy direct connections.

Series at a glance

HP Officejet Pro K550 color printer
- 250-sheet input tray

HP Officejet Pro K550dtn color printer
- 250-sheet input tray and 350-sheet input tray for a total input capacity of up to 600 sheets
- Automatic two-sided printing
- Built-in wired Ethernet networking

HP Officejet Pro K550dtwn color printer
- 250-sheet input tray and 350-sheet input tray for a total input capacity of up to 600 sheets
- Automatic two-sided printing
- Built-in wired Ethernet networking
- Full-Speed USB host connector (for Windows® Connect Now configuration)
- Built-in 802.11b/g wireless networking with SecureEasySetup™

Revolutionize printing in your workplace with this powerful combination of fast Laser Quality Speeds[8] and low-cost color.
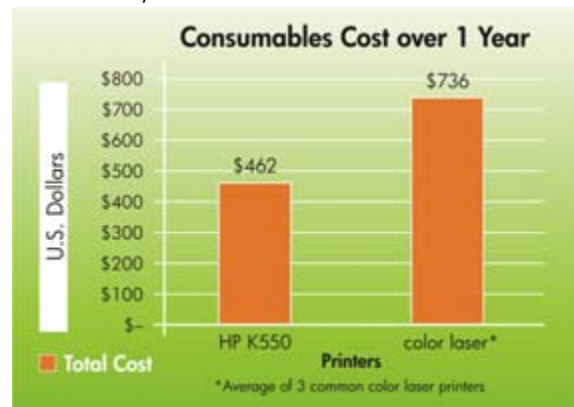
Laser Quality Speed

The Laser Quality Speed[8] specification helps customers make a performance comparison between the print speeds of an inkjet printer and a laser printer. HP's Laser Quality Speed measurement process is based on three important factors:

- Speed measurements use comparable print qualities. (For the HP Officejet Pro K550 series printer, the default plain paper normal mode is used to generate the Laser Quality Speed specification of up to 12 ppm black and up to 10 ppm color. This is up to twice as fast as comparably priced color lasers.[8])
- Speed measurements are done over a range of document types and content.
- The measurement process is designed to avoid the influence of the host PC performance and to represent the printer hardware, or print engine, performance.

Huge printing cost savings vs. laser

The HP Officejet Pro K550 series color printer can save as much as $274 compared to color lasers at 500 pages per month over 1 year![9]

Consumables Cost over 1 Year

HP K550: $462
color laser*: $736

*Average of 3 common color laser printers

Permanence

HP Vivera Inks are designed to provide businesses with exceptional quality on plain office paper as well as excellent photo printing on coated media.

When printed with HP papers and HP Vivera Inks, documents can be archived for decades. The new dye-based color inks are non-acidic, dry quickly, and deliver excellent fade resistance. In fact, the inks resist fading due to light exposure seven times longer than previous ink formulas on plain paper, and perform even better on coated paper.

HP Advanced Paper with patented ColorLok™ technology is designed together with HP printers and HP inks to produce water-resistant documents that dry faster and deliver deeper blacks and more vivid colors. With HP Advanced Paper, you can handle documents sooner, and colors won't streak—even when exposed to water.

Reliable, high-volume printing

- **Robust performance**—This rugged printer stands up to the demands of a busy office environment. With a monthly duty cycle of up to 7,500 pages and high-capacity, individual ink cartridges, you can print lots of documents without worry.

- **Built for high-volume printing**—With the optional 350-sheet input tray and automatic two-sided printing accessory (standard with HP Officejet Pro K550dtn and K550dtwn models), the printer lets you print professional documents in volume—up to 600 sheets without loading paper.

- **Wired and wireless networking**—The HP Officejet Pro K550dtwn color printer delivers the utmost in versatility with built-in standard Ethernet wired and wireless connectivity.[10] With both wired and wireless options, you can rely on seamless integration into your existing network and be prepared for the future.

- **Simple printer management software**—The printer's remote management software is a tool that simplifies printer configuration and lets you easily manage a networked printer from any standard Web browser.

  It includes features to help you manage costs: Access to Job accounting allows users to aggregate and understand the cost of consumable usage and sort usage over time. Pages remaining lets you see the estimated number of pages that can be printed with the remaining ink and determine if the ink levels are sufficient to print your jobs.

- **Industry-leading HP reliability**—Throughout the production life of a printer line, HP closely monitors failure rates, call assist levels, and product usage. This information is then used to make further reliability improvements in the next generation of products. The end goal is to provide our users with the most dependable printers available.

  For the past 13 years, Hewlett-Packard has consistently received the top grade in *PC Magazine*'s Service and Reliability Survey and recently received one of the first A+ ratings ever given.

- **Legendary HP service and support**—HP offers a variety of support options to meet your business needs. Start with the standard one-year limited hardware warranty that includes phone support backed by award-winning HP Customer Care. To further ensure trouble-free operation and to maximize the capabilities of your printer, you can upgrade your service and support options to include extended printer maintenance. (Availability varies by region.)

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[8] Compared to color laser printers under $500. Laser Quality Speed is an HP measurement method representing the print speed of typical office documents in default mode; compared to published color speeds by laser manufacturers as of May 2005. Test methods may vary.
[9] CPP laser supplies comparisons based on published manufacturer specifications of the highest capacity cartridges available for color laser printers under $500 as reported by Current Analysis, Inc. as of June 2005. HP Officejet Pro K550 series CPP based on HP 88 Large Ink Cartridges' estimated street price and published yield. Results may vary.
[10] Built-in wireless network printing is standard on the HP Officejet Pro K550dtwn color printer only.

HP Officejet Pro K550 series color printer

Technical specifications	HP Officejet Pro K550 color printer (C8157A)	HP Officejet Pro K550dtn color printer (C8158A)	HP Officejet Pro K550dtwn color printer (C8159A)
Print speed (letter)[11]			
Black	Up to 37 ppm Draft; 16 ppm Normal; 12 ppm Laser Quality Speed[12]; 5 ppm Best		
Color	Up to 33 ppm Draft; 16 ppm Normal; 10 ppm Laser Quality Speed[12]; 5 ppm Best		
Resolution	Up to 4800 by 1200-optimized dpi color when printing on HP Premium Photo Papers from a computer, 1200 by 1200 dpi input		
Processor	300 MHz		
Memory	32 MB RAM		
Duty cycle	Up to 7,500 pages per month		
Media			
Input	250-sheet tray	250-sheet tray, 350-sheet tray	
Duplex printing	Optional automatic two-sided printing accessory	Automatic two-sided printing accessory	
Output	150 sheets		
Custom sizes	3 by 5 in (76 by 127 mm) to 8.5 by 14 in (216 by 356 mm)		
Standard sizes	Letter, legal, statement, executive, No. 10 envelopes, Monarch envelopes		
Weights	250-sheet tray: plain media: 16 to 28 lb (60 to 105 g/m²), special media: 16 to 110 lb (60 to 200 g/m²), card media: up to 110 lb index (200 g/m²) 350-sheet tray: plain media: 16 to 28 lb (60 to 105 g/m²)		
Types	Paper (plain, inkjet, photo), envelopes, brochure paper, transparencies, labels, cards (index, greeting)		
Connectivity			
Interfaces	Hi-Speed USB 2.0 port	Hi-Speed USB 2.0 port, built-in wired Ethernet networking	Hi-Speed USB 2.0 port, Full-Speed USB host connector (for Windows® Connect Now configuration), built-in wired Ethernet networking, built-in wireless 802.11b/g networking with SecureEasySetup™
Printer language	HP PCL 3 GUI		
Operating systems	Windows® 98, Windows Me, Windows 2000, Windows XP 64-bit (Professional and Home Editions), and Windows Server 2003; Mac OS X (10.2, 10.3, 10.4): Linux®; Windows 2000, 2003 Server Terminal Services with Citrix MetaFrame 1.8; Windows 2000 Server Terminal Services with Citrix V1.8, XP, Windows 2000 Server Terminal Services		
Minimum system requirements	Windows 98: 90 MHz Pentium®, 16 MB RAM, 50 MB hard disk space; Windows ME: 150 MHz Pentium, 32 MB RAM, 50 MB hard disk space, Windows 2000, XP: 300 MHz Pentium, 64 MB RAM, 110 MB hard disk space, Windows 2003 Server: 550 MHz Pentium, 128 MB RAM, 110 MB hard disk space; monitor (640 by 480 resolution, 256 colors) Mac OS X (10.2, 10.3 10.4), 333 MHz (iMac), 350 MHz (Power Mac); 128 MB RAM; 100 MB available disk space; monitor (640 by 480, 256-color display); CD-ROM drive		
Dimensions (w by d by h)	19.5 by 15.9 by 8.4 in (496 by 403.2 by 212.5 mm)	19.5 by 19.8 by 11.9 in (496 by 503.9 by 301.2 mm)	
Weight	21.4 lb (9.7 kg)	28.5 lb (12.9 kg)	
What's in the box	Printer; power cord; USB cable (Asia Pacific only); HP 88 Black Ink Cartridge, 20.5 ml; HP 88 Cyan, Magenta, and Yellow Ink Cartridges, 9 ml; 2 printheads; Getting Started Guide; Setup Poster; driver CD (includes User's Guide)		
Also includes		350-sheet tray, automatic two-sided printing accessory, built-in wired Ethernet networking	350-sheet tray, automatic two-sided printing accessory, cross cable, built-in wired Ethernet networking, built-in wireless 802.11b/g networking with SecureEasySetup™

Environmental ranges

Operating temperature	41 to 95° F (5 to 35° C); Recommended: 59 to 95° F (15 to 35° C)
Storage temperature	-40 to 158° F (-40 to 70° C)
Operating humidity	15 to 80% RH
Non-operating humidity	15 to 90% RH
Operating altitude	3048 m

Acoustics

Sound power	6.5 B(A) (printing at 16 ppm) Normal mode
	6.9 B(A) (printing at 37 ppm) Draft mode
Sound pressure	51 dB(A) (printing at 16 ppm) Normal mode
(user standing)	55 dB(A) (printing at 37 ppm) Draft mode
	14 dB(A) Powersave mode
	15 dB(A) Standby mode

Power specifications[13] Input requirements: 100 to 240 VAC, 50/60 Hz

Power consumption

	K550	K550dtn	K550dtwn
Maximum[14]	180 watts	180 watts	180 watts
Active	52.17 watts	53.97 watts	58.70 watts
Standby	8.47 watts	8.83 watts	11.36 watts
Powersave	7.20 watts	8.83 watts	11.36 watts
Off	0.78 watts (240 V)	0.78 watts (240 V)	0.78 watts (240 V)
	0.15 watts (110 V)	0.15 watts (110 V)	0.15 watts (110 V)

Power certifications

EMC	US (FCC Rules), Canada (DoC)
Safety	IEC 950-compliant, safety UL listed, EU LVD, EN 60950 compliant, NEMKO-GS approved, certified by Canada CSA, Mexico NOM-NYCE
Warranty	One-year limited hardware warranty; standard exchange, 24-hour, 7 days a week Web support, business hour phone support

Ordering information

Product	Number
HP Officejet Pro K550 color printer	C8157A
HP Officejet Pro K550dtn color printer	C8158A
HP Officejet Pro K550dtwn color printer	C8159A
Paper handling	
Automatic two-sided printing accessory	C8255A
350-sheet input tray	C8256A
HP print supplies[15]	
HP 88 Black Ink Cartridge, 20.5 ml	C9385A
HP 88 Cyan Ink Cartridge, 9 ml	C9386A
HP 88 Magenta Ink Cartridge, 9 ml	C9387A
HP 88 Yellow Ink Cartridge, 9 ml	C9388A
HP 88 Large Black Ink Cartridge, 58.9 ml	C9396A
HP 88 Large Cyan Ink Cartridge, 17.1 ml	C9391A
HP 88 Large Magenta Ink Cartridge, 17.1 ml	C9392A
HP 88 Large Yellow Ink Cartridge, 17.1 ml	C9393A
Cables	
USB cable (a-b) 2 meter	C6518A
Connectivity	
HP Jetdirect en1700 USB 2.0 Print Server	J7988G
HP Jetdirect en3700 USB 2.0 Print Server	J7942G
HP Jetdirect ew2400 wireless USB 2.0 Print Server	J7951G
HP Jetdirect 175x Fast Ethernet USB external print server	J6035G
Supported paper	
North America: www.hp.com/go/everydaypapers	
USA: 1-800-477-5010	

[11] Approximate figures—exact speed will vary depending on the print settings, system configuration, software program, and document complexity.

[12] Compared to color laser printers under $500. Laser Quality Speed is an HP measurement method representing the print speed of typical office documents in default mode; compared to published speeds by laser manufacturers as of May, 2005.

[13] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.

[14] Maximum power does not occur at a sustained duration, it is a transitional peak power over a short period during operation. The power actually consumed is much lower and better represented by the active, standby and power save mode figures.

[15] For estimated yields, refer to www.hp.com/go/pageyield

hp invent