

HP Color LaserJet 5550 series printer

5550n • 5550dn • 5550dtn • 5550hdn



Experience brilliant print quality from a reliable and easy-to-use wide-format color laser printer—a new standard in the office.

Brilliant 11 by 17 printing

- **Empower your business with up to 11 by 17 inch color laser printing.** Dazzle your audience with stunning output from this feature-rich, value-packed printer.
- **Create accurate color, precise drawings, and great images.** Featuring HP ImageREt 3600, a suite of advanced printing technologies, the printer automatically provides professional, superior print quality. Plus, the uniform size and spherical shape of HP toner particles in HP Color LaserJet Smart print cartridges ensure a broad range of colors and precise placement for accurate color and excellent image reproduction.¹
- **Expand the range of printing options in your office.** Get the versatility you need with up to five media trays that offer an input capacity of up to 2,100-sheets and extensive media support, including a variety of sizes and weights from 16 to 53 lb (60 to 200 g/m²).
- **Realize the advantages of color without risking the expense.** HP color access controls help you protect your investment while reaping the benefits of color. Enable or disable color by individual users or groups, or disable color printing entirely.

Powerful performance

- **Unleash a proven performer.** With printing speeds up to 27 pages per minute (ppm), and a first-page-out speed of less than 16 seconds, you will never have to wait long for your documents.
- **Redefine your printing experience.** Expand your printing potential and print even complex documents with images in no time with a 533 MHz processor, 288 MB of printer memory, networking throughput speeds of up to 6 MB per second (via the optional HP Jetdirect 620n Fast Ethernet print server), and an optional 20 GB hard disk with 22 MB per second throughput speed.
- **Create a world of choices.** Enjoy intelligent printing solutions such as blank page suppression and native PDF printing.

Unmatched print experience

- **Step up to improved reliability and fewer paper jams.** HP delivers dependable printing with a proven design and a robust monthly duty cycle of up to 120,000 sheets.
- **Save time and effort with easy, front-door access.** With one access point to supplies and only four, all-in-one print cartridges to order and replace, it couldn't be simpler to keep your printer up and running. HP Smart printing supplies¹ work with your printer to provide automatic alerts when a cartridge is low or out, and with HP SureSupply, you can enjoy convenient online ordering.
- **Boost productivity with the generous, four-line graphical display.** The control panel lets you view supply levels at a glance and provides helpful animations that simplify interaction with the printer.
- **Expect consistent print quality.** The printer and supplies feature innovative HP Smart printing technology¹ that uses internal sensors to automatically optimize color density and calibration for high-quality results. Chemically-grown toner formulas and environmental sensors provide reliable performance throughout the life of the cartridge, while lowering overall printing costs.
- **Simplify printer management.** The HP Embedded Web Server and HP Web Jetadmin let you remotely manage your printer and make it easy to diagnose and stay on top of printer issues.

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

¹ Using genuine HP supplies ensure availability of all HP printing features.

HP Color LaserJet 5550 series printer

- 1 Control panel simultaneously displays up to four lines of text and animated graphics
- 2 Front door allows convenient access to four, all-in-one HP print cartridges
- 3 Automatic two-sided printing unit offers fast, efficient duplex printing
- 4 100-sheet multipurpose tray handles heavy custom media up to 53 lb bond (200 g/m²)
- 5 Adjustable 500-sheet input trays 2, 3, 4, and 5
- 6 20 GB HP high-performance EIO hard disk
- 7 HP Jetdirect 620n Fast Ethernet internal print server
- 8 288 MB total memory and a powerful 533 MHz processor perform complex tasks quickly

HP Color LaserJet 5550hdn printer shown



Series at a glance



HP Color LaserJet 5550n printer

- 100-sheet multipurpose tray
- 500-sheet input tray
- 160 MB of printer memory
- 533 MHz RISC processor
- Two open EIO slots
- HP Jetdirect 620n Fast Ethernet print server in one EIO slot



HP Color LaserJet 5550dn printer

- HP Color LaserJet 5550n model plus:
- Automatic two-sided printing



HP Color LaserJet 5550dtn printer

- HP Color LaserJet 5550n model plus:
- Automatic two-sided printing
 - 500-sheet input tray for 1,100-sheet capacity
 - Additional 128 MB RAM for a total of 288 MB of printer memory
 - Printer stand



HP Color LaserJet 5550hdn printer

- HP Color LaserJet 5550n model plus:
- Automatic two-sided printing
 - 500-sheet input trays 3, 4, and 5 for 2,100-sheet capacity
 - Additional 128 MB RAM for a total of 288 MB of printer memory
 - 20 GB HP high-performance hard disk in one EIO slot
 - Printer stand

Powerful, professional color laser printing for your business.

Fast, exceptional color output

With HP's in-line color printing, you can print professional color documents as quickly as black-only documents—up to 27 ppm. Experience dramatic improvements in print quality with HP's ImageREt 3600, an HP proprietary printing solution. Most high-resolution technologies cause degradation in printer performance due to increased data transmission, but HP's innovative technologies achieve equivalent or better print quality without such tradeoffs.

The following printing system technologies work together to automatically deliver the best possible output for all of your documents:

- The high resolution laser imaging system creates near-photographic quality images.
- The print mechanism's design results in excellent uniformity and color plane registration.
- HP's industry-leading image enhancements deliver excellent tones, sharpness, and clarity.
- Intelligent color controls produce color that is the same—page after page—over printer life.
- Special printing modes provide excellent gloss matching, so that the shininess of the printed image matches the gloss of the media. The printer's image mode is optimized for image printing with HP Glossy Photo & Imaging Laser Paper.
- HP Smart printing supplies² include chemically-grown toner for fine detail, bright saturated colors, and consistent color throughout the life of the cartridge.
- An environmental sensor enables the printer to tune toner particle charge, for uncompromised print quality in a variety of working environments.

Service and support from HP

- HP offers a variety of support options to assist you with setup and maintenance. 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 network installation and extended printer maintenance.

Easy, flexible printing

Designed with medium to large office workgroups in mind, the printer is simple to install, use, and maintain.

- Gain quick access to the four easy-to-replace print cartridges through a single front door. The simple paper path design results in fewer and easier interactions with the printer.
- Minimize printer downtime when you use genuine HP Smart printing supplies² that enable status monitoring, proactive alert messages, supplies ordering, and convenient, simple installation.
- Get complete, timely information about the printer and print jobs. Designed for easy troubleshooting and configuration, the control panel displays up to four lines of text and animated graphics simultaneously.
- Access all printer information from the HP Toolbox software, including documentation, self-help and troubleshooting tips, printer status, and links to HP Instant Support and the HP Embedded Web Server, which lets you manage printing functions from your computer (for networked printers).
- Enjoy high-speed network printing with simple network installation, driver distribution, and remote management through HP Web Jetadmin.

HP color management tools

The HP color access control solution makes color printing and copying more affordable than ever by helping you control who uses color and when they use it:

- **Assign color access to specific users or workgroups.** Use either your printer's embedded Web server or HP Web Jetadmin's fleet configuration capability to designate who has access to color printing. That way, people who truly need color—such as your sales team and marketing department—can use it.
- **Assign color access by application.** Designate certain applications for printing color and others for printing black-and-white to ensure that users only print color on their most important print jobs and that other printouts—such as Web pages—are always black-and-white.
- **Shut down color completely or temporarily disable color capability.** Disable color printing on shared printers—locking out all individuals and workgroups—so you can save your color resources for special projects or seasonal needs. HP Web Jetadmin's Print Driver Pre-configuration Plug-in lets IT Administrators set users' print settings to control color printing by print queue.
- **Track color use by job, by user, and by device.** HP Web Jetadmin's Report Generation Plug-in generates real-time and periodic usage reports that make it easy to track color use by job, by user, and by device. Plus, it allows you to easily allocate costs to individual departments.³

² Using genuine HP supplies ensures availability of all HP printing features.

³ Billing solutions are an optional feature available at an additional cost through HP's solution partners.

HP Color LaserJet 5550 series printer

Technical specifications	HP Color LaserJet 5550n (Q3714A)	HP Color LaserJet 5550dn (Q3715A)	HP Color LaserJet 5550dtn (Q3716A)	HP Color LaserJet 5550hdn (Q3717A)
Print speed²	Up to 27 ppm letter, full-color and black-only			
First page out	Less than 16 seconds			
Resolution	600 by 600 dpi with HP ImageREt 3600			
Processor	533 MHz RISC			
Memory, standard	160 MB: 128 MB DDR SDRAM and 32 MB of flash memory on board; one available 200-pin SDRAM DIMM slot		288 MB: 256 MB DDR SDRAM and 32 MB of flash memory on board; one available 200-pin SDRAM DIMM slot	
Memory, maximum	544 MB: 512 MB DDR SDRAM and 32 MB of flash memory on board			
Flash memory	Two available flash memory card slots for fonts or 3 rd -party solutions ⁴			
EIO hard disk	Optional			20 GB HP high-performance
Duty cycle	Up to 120,000 pages per month			
Media				
Media handling	1 x 100-sheet multipurpose tray, 1 x 500-sheet tray		1 x 100-sheet multipurpose tray, 2 x 500-sheet tray	1 x 100-sheet multipurpose tray; 4 x 500-sheet tray
Output capacity	250-sheet face-down output bin			
Duplex printing	Manual two-sided printing		Manual and automatic two-sided printing	
Sizes	Multipurpose tray: 3 by 5 in (76 by 127 mm) to 12.05 by 18.5 in (306 by 470 mm); letter, legal, executive, 11 by 17, ledger, Number 10 envelopes, Monarch envelopes, Statement Automatic two-sided printing unit, trays 2, 3, 4, 5: 5.8 by 8.3 in (148 by 210 mm) to 11.7 by 17 in (297 by 431.8 mm); letter, legal, executive, 11 by 17, ledger, executive			
Weights	Multipurpose tray: 16 to 53 lb (60 to 200 g/m ²); Automatic two-sided printing unit and trays 2, 3, 4, and 5: 16 to 32 lb (60 to 120 g/m ²)			
Types	Plain, light, intermediate, heavy, extra heavy, glossy, high gloss images, tough, recycled, envelopes, transparencies, labels, cardstock			
Connectivity				
Interfaces	Bidirectional IEEE-1284-C parallel port, USB 1.1 port, HP Jetdirect 620n Fast Ethernet internal print server			
Third-party interface	Jetlink port for 3 rd -party paper-handling devices ⁴			
EIO slots available	Two			One
Languages	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP postscript 3 emulation, native PDF printing (v1.3), XHTML-Print for mobile phone and PDA printing via the optional HP bt1300 adapter			
Fonts	80 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript 3 emulation (Euro symbol built-in); additional font solutions available via 3 rd -party flash memory cards ⁴			
Client operating systems	Standard: Microsoft® Windows® 2000, XP, and Server 2003 (32 bit and 64 bit drivers), Certified for Windows Vista®, Mac v10.2.8, v10.3, v10.4, and higher Optional: UNIX, Linux, Novell NetWare 5.1, 6, 6.5 (optional 4.2), OS/2 (print functionality only available on the Web)			
Network operating systems ⁵	Via HP Jetdirect print servers: Microsoft Windows 2000, XP, XP 64-Bit, Server 2003; Novell NetWare 5.x, 6.x (IPX only); Mac v10.2.8, v10.3, v10.4, and higher; Red Hat Linux 8.0 and later; SuSE Linux v.8.1 and later; HP-UX 11.0; Solaris 2.6, 7, 8, (SPARC systems only); Citrix MetaFrame; Windows Terminal Services			
Network protocols supported ⁵	Via HP Jetdirect print servers: TCP/IP, IPX/SPX, AppleTalk, Apple Rendezvous compatible, DLC/LLC, Auto-IP, IP Direct Mode, NDS, Bindery, NCP, NDPS, iPrint, Telnet, SLP, IGMP, BOOTP/DHCP, WINS, SNMP v 1 and v 2c, HTTP; may require software from the NOS vendor or third-party vendor: LPD, FTP Printing, IPP			
Dimensions (d by w by h)	22.7 by 27.7 by 25.2 in (577 by 704 by 640 mm)		24.8 by 28.25 by 32.8 in (630 by 718 by 833 mm)	24.8 by 28.25 by 43.2 in (630 by 718 by 1097 mm)
Weight	114 lb (51.8 kg)		246 lb (111 kg)	312 lb (141 kg)
What ships in the box	Printer; HP cyan, magenta, yellow, and black print cartridges; software and User's Guide on CD; Getting Started Guide; Network Installation Guide; power cord; 100-sheet multipurpose tray; 500-sheet input tray; HP Jetdirect 620n Fast Ethernet internal print server	Printer; HP cyan, magenta, yellow, and black print cartridges; software and User's Guide on CD; Getting Started Guide; Network Installation Guide; power cord; 100-sheet multipurpose tray; 500-sheet input tray; HP Jetdirect 620n Fast Ethernet internal print server; automatic two-sided printing unit	Printer; HP cyan, magenta, yellow, and black print cartridges; software and User's Guide on CD; Getting Started Guide; Network Installation Guide; power cord; 100-sheet multipurpose tray; two 500-sheet input trays; HP Jetdirect 620n Fast Ethernet internal print server; automatic two-sided printing unit; printer stand	Printer; HP cyan, magenta, yellow, and black print cartridges; software and User's Guide on CD; Getting Started Guide; Network Installation Guide; power cord; 100-sheet input tray; four 500-sheet input trays; HP Jetdirect 620n Fast Ethernet internal print server; automatic two-sided printing unit; printer stand; 20 GB HP high-performance hard disk

Environmental ranges					
Temperature:	Maximum operating: 59 to 81 degrees F (15 to 27 degrees C) Recommended operating: 63 to 77 degrees F (17 to 25 degrees C)				
Relative humidity:	Maximum operating: 10 to 70 percent Recommended operating: 30 to 70 percent				
Altitude	up to 10,000 ft (up to 3,100 m)				
Acoustics	Power: 6.6 Bels printing A4 monochrome from standard tray at full engine speed, PowerSave and Standby: 4.9 B(A) Pressure: Active: 49 dB(A), Standby: 33 dB(A)				
Power requirements	Input voltage: 110 to 127 V (-10/+6 percent), 50/60 Hz (±2 Hz) 220 to 240 V (-10/+6 percent), 50/60 Hz (±2 Hz)				
Power consumption⁶	Printer:	5550n	5550dn	5550dtn	5550hdn
	Active:	614 W	630 W	630 W	632 W
	Standby:	93 W	93 W	93 W	93 W
	PowerSave:	24 W	24 W	24 W	28 W
	Off:	0.3 W	0.3 W	0.3 W	0.3 W
	Typical Electricity Consumption (TEC): 7.567 kWh/Week, 8.222 kWh/Week (555hdn)				
Power certifications	ENERGY STAR [®] qualified models; see: www.hp.com/go/energystar EMC: CISPR 22:1997 / EN 55022:1998 Class B, EN 61000-3-2:2000, EN 61000-3-3:1995, EN 55024:1998, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 4 / GB9254-1998, GB17625.1-2003, EMC Directive 89/336/EEC and the Low Voltage Directive 73/23/EEC, and carries the CE-Marking accordingly Argentina (TUV S Mark-Rs 92/98/Ds.1009/98), Canada (cUL-CAN/CSA C22.2 No.60950-00), Mexico (NOM NYCE-NOM 019 SCFI), USA (UL-UL 60950; FDA-21 CFR Chapter 1 Subchapter J for lasers). Class 1 Laser/LED Product.				
Warranty	One-year, next business day, on-site warranty				



© Copyright 2004-2007 Hewlett-Packard Development Company, L.P.
The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Bluetooth is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. Linux is a U.S. registered trademark of Linus Torvalds. UNIX is a registered trademark of The Open Group. Windows, Windows NT, and Windows XP are U.S. registered trademarks of Microsoft Corporation. HP and the invent signature are trademarks of the Hewlett-Packard Company. Windows Vista is a trademark or registered trademark of Microsoft Corporation in the United States and/or other countries.
Printed in the U.S.

² Exact speed varies depending on the system configuration, software application, driver, and document complexity.

⁴ For third-party solutions, go to: www.hp.com/go/gsc.

⁵ Not all protocol and operating system combinations are supported. For more information, go to: www.hp.com/support/net_printing.

⁶ Values current as of February 2, 2004. Power reported is the highest value measured for color and monochrome printing using all standard voltages. For current information, please see www.hp.com/support/lj5550.

⁷ Based on 5 percent average coverage.

Ordering information

Product	Number
HP Color LaserJet 5550n printer	Q3714A
HP Color LaserJet 5550dn printer	Q3715A
HP Color LaserJet 5550dtn printer	Q3716A
HP Color LaserJet 5550hdn printer	Q3717A
Connectivity	
HP Jetdirect 630n IPv6 Gigabit Ethernet Print Server	J7997G
HP Jetdirect 635n IPv6/IPsec internal Print Server	J7961G
HP Jetdirect 620n Fast Ethernet Print Server	J7934G
Paper handling	
500-sheet input tray (trays 3, 4, or 5)	C7130B
Printer stand	C9669B
HP Color LaserJet Smart printing supplies	
Black print cartridge (yield: approximately 13,000 pages ⁷)	C9730A
Cyan print cartridge (yield: approximately 12,000 pages ⁷)	C9731A
Yellow print cartridge (yield: approximately 12,000 pages ⁷)	C9732A
Magenta print cartridge (yield: approximately 12,000 pages ⁷)	C9733A
Maintenance kits	
Image transfer kit	C9734B
Image fuser kit (110v)	Q3984A
Image fuser kit (220v)	Q3985A
Memory and storage	
HP high-performance EIO hard disk	J6073G
128 MB DDR SDRAM	Q7721A
256 MB DDR SDRAM	Q7722A
512 MB DDR SDRAM	Q7723A
Cables	
Macintosh printer cable, 2-meter	92215S
Parallel cable, 3-meter IEEE 1284 (a to c)	C2946A
Parallel cable, 10-meter IEEE 1284 (a to c)	C2947A
HP service and support	
Installation network configured (1 unit) service	H2872E
3-year, next business day onsite hardware support	H5549E
3-year, 4-hour, 13 x 5 onsite response hardware support	H2691E
Media	
HP Glossy Photo & Imaging Laser Paper, letter	Q6545A
HP Glossy Photo & Imaging Laser Paper, tabloid	Q6546A
HP Matte Photo & Imaging Laser Paper, letter	Q6549A
HP Cover Paper, letter	Q2413A
HP Soft Gloss Laser Paper, letter	Q2415A
HP Soft Gloss Laser Paper, tabloid	Q2416A
For third-party solutions, go to: www.hp.com/go/gsc	

For more information, visit our website at www.hp.com

5982-6843ENUC, November 2007, Rev. 4.2

