

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).

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. Add wireless printing with the optional HP Jetdirect 680n 802.11b wireless Ethernet internal print server, or take advantage of built-in XHTML printing that allows you to print from Bluetooth®-enabled devices, such as your mobile phone or PDA, with the optional HP bt1300 adapter.

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 is within reach of your business.

Color communicates more effectively

Color is proving itself as a business tool with a clear return on investment. Studies show that color improves comprehension, increases readership, accelerates learning, and reflects a professional image. More than ever before, businesses are discovering a need to produce high-quality color documents. The HP Color LaserJet 5550 series printer puts you in control of the color printing process:

- Create external communications in color for a professional appearance, such as letterhead and business cards.
- Develop full-color attention-getting marketing collateral that differentiates your business from the competition, such as brochures and flyers.
- Use color to design more effective, persuasive internal communications, including reports, proposals, and presentations.
- Print frequently updated materials in-house and make changes at a moment's notice, reducing outsourcing expenses, storage costs, and the waste of obsolete materials.

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.

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.

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.

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

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 speed³ | 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 | | | |
| 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, heavy glossy, high gloss images, tough, recycled, envelopes, transparencies, labels, cardstock | | | |
| Connectivity | Bidirectional IEEE-1284-C parallel port, USB 1.1 port, HP Jetdirect 620n Fast Ethernet internal print server | | | |
| Interfaces | JetLink port for 3 rd -party paper-handling devices ⁴ | | | |
| Third-party interface | Two | | | |
| EIO slots available | | | One | |
| Languages | HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the Web only), HP postscript 3 emulation, native PDF printing (v.1.3), 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® 98, Me, NT 4.0, 2000, XP, and Server 2003 (32 bit and 64 bit drivers); Macintosh OS 9 and later Optional: UNIX, Linux, Novell NetWare 5.1, 6, 6.5 (optional 4.2), OS/2 (print functionality only available on the Web) | | | |
| Network operating systems⁵ | Via HP Jetdirect print servers: Microsoft Windows 98, Me, NT 4.0, 2000, XP, 64-Bit, Server 2003; Novell NetWare 5.x, 6.x (IPX only); Apple Mac OS 9.0 and later, Mac OS X v.10.1 and later; 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 supported⁵ | 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) | |
| Weight | 114 lb (51.8 kg) | | 246 lb (111 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 (ENERGY STAR® compliant) | <table border="1"> <thead> <tr> <th>Printer:</th> <th>5550n</th> <th>5550dn</th> <th>5550dtn</th> <th>5550hdn</th> </tr> </thead> <tbody> <tr> <td>Active:</td> <td>614 W</td> <td>630 W</td> <td>630 W</td> <td>632 W</td> </tr> <tr> <td>Standby:</td> <td>93 W</td> <td>93 W</td> <td>93 W</td> <td>93 W</td> </tr> <tr> <td>PowerSave:</td> <td>24 W</td> <td>24 W</td> <td>24 W</td> <td>28 W</td> </tr> <tr> <td>Off:</td> <td>0.3 W</td> <td>0.3 W</td> <td>0.3 W</td> <td>0.3 W</td> </tr> </tbody> </table> | 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 |
| 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 | | | | | | | | | | | | | | | | | | | | | | |
| Power certifications | 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 (ULUL 60950; FDA-21 CFR Chapter 1 Subchapter J for lasers). Class 1 Laser/LED Product. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warranty | One-year, next business day, on-site warranty | | | | | | | | | | | | | | | | | | | | | | | | | |



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³ 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 625n Gigabit internal print server | J7960A |
| HP Jetdirect 620n Fast Ethernet internal print server | J7934A |
| HP Jetdirect 680n 802.11b wireless Ethernet internal print server | J6058A |
| HP bt1300 Bluetooth wireless print adapter | J6072A |
| 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 | |
| 20 GB HP high-performance EIO hard disk | J6073A |
| 128 MB DDR SDRAM | Q2630A |
| 256 MB DDR SDRAM | Q2631A |
| 512 MB DDR SDRAM | Q2632A |
| 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

