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

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
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 supplies 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 supplies 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.

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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.
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Technical specifications
- HP Color LaserJet 5550n (Q3714A)
- HP Color LaserJet 5555dn (Q3715A)
- HP Color LaserJet 5555dn (Q3716A)
- HP Color LaserJet 5555dn (Q3717A)

Print speed**
- Up to 27 ppm letter; full-color and black-only

First page out
- Less than 16 seconds

Resolution
- 600 x 600 dpi with HP ImageREt 3600

Processor
- 533 MHz RISC

Memory, standard
- 512 MB SDRAM and 32 MB of flash memory on board
- One available 200-pin SDRAM DIMM slot

Memory, maximum
- 512 MB SDRAM and 32 MB of flash memory on board
- One available 200-pin SDRAM DIMM slot

Duty cycle
- Up to 130,000 pages per month

Paper handling
- Standard: 500-sheet input tray; HP Jetdirect 620n Fast Ethernet internal print server; automatic two-sided printing unit
- Two 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

Power consumption
- 6.6 Bels printing A4 monochrome from standard tray at full engine speed
- PowerSave and Standby: 4.9 B(A)

Environmental ranges
- Temperature: Maximum operating: 59 to 81 degrees F (15 to 27 degrees C)
- Relative humidity: Maximum operating: 10 to 70 percent
- Altitude: up to 10,000 ft (up to 3,000 m)

Acoustics
- Power: 6.6 Bels printing A4 monochrome from standard tray at full engine speed
- PowerSave and Standby: 4.9 B(A)

Connectivity
- Wired: 10Base-T/100Base-TX Ethernet internal print server; automatic two-sided printing unit
- Wireless: 802.11 b/g/n

Ordering information

Product
- HP Color LaserJet 5555dn Printer
- HP Color LaserJet 5555dn MFP

Number
- Q3714A
- Q3715A
- Q3716A
- Q3717A

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

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