HP ink is ready for the enterprise



HP Officejet Enterprise Color X555 series



Table of contents

- Enterprise ready—at twice the speed and half the cost of lasers
- 4 Product walk around
- Top features at a glance
- **6** Faster than lasers—for less^{1,2}
- Fully loaded for the enterprise
- Rely on performance—print after print
- Conserve resources without sacrificing performance
- Media guide
- Technical specifications
- Ordering information

Enterprise ready—at twice the speed and half the cost of lasers 1,2

Make no compromise. Powered by HP PageWide Technology, this HP Officejet Enterprise colour printer offers the features and reliability you expect—at up to twice the speed and half the cost per page of colour laser printers. ^{1,2} Equip workgroups with proven HP technologies for smooth, fast output. Tackle colour printing and high-volume print jobs, page after page. With the same security solutions, seamless integration and simple management as HP LaserJet MFPs, this printer is ready for the enterprise.

Who can benefit?

Workgroups of up to 15 people can improve office productivity and user experience with print speeds up to 72 pages per minute (ppm) in general office mode. Pigment inks provide permanence, water fastness,³ and impressive print quality—while leading energy efficiency helps to reduce your environmental footprint. Enjoy quick and convenient mobile printing by enabling touch-to-print and wireless direct.^{4,5}

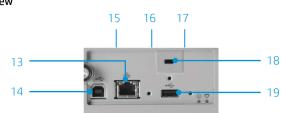


HP Officejet Enterprise Color X555xh shown

Product walk around

- 1 10.9 cm (4.3 inch) colour touchscreen control panel tilts up for easier viewing
- 2 Hardware integration pocket (HIP) for solution integration
- 3 Easy-access USB port to print files directly
- 4 Single door access for clearing jams
- Front door provides convenient access to HP cartridges
- 6 50-sheet multipurpose tray supports a variety of media sizes and weights
- 7 500-sheet input tray 2
- 8 Power On/Off button
- 9 500-sheet tray 3 (supports legal size paper)
- 10 300-sheet output bin
- 11 Output bin extension
- 12 Integrated automatic two-sided printing
- 13 HP Jetdirect Gigabit Ethernet print server
- 14 Hi-Speed host USB 2.0 port (for printing from computer)
- 15 796 MHz processor, 1.28 GB RAM
- 16 320 GB HP High-Performance Secure Hard Disk⁶
- 17 Two internal host USB 2.0 type ports for third-party solutions
- 18 Access port for optional Kensington-style lock
- 19 High-Speed USB 2.0 port (for connecting third-party devices)





Back I/O panel close-up

Series at a glance





Model	HP Officejet Enterprise Color X555dn	HP Officejet Enterprise Color X555xh
Part number	C2S11A	C2S12A
50-sheet multipurpose tray	✓	✓
500-sheet tray 2	✓	✓
500-sheet tray 3	Optional	✓
Cabinet and stand	Optional	Optional
HP High-Performance Secure Hard Disk	Not available	✓

Top features at a glance

Keep productivity high with a printer that's designed for the demands of business—proven HP PageWide Technology makes it possible.

Faster than lasers—for less^{1,2}

- Take advantage of significant printing savings—spend up to 50% less per page compared with colour lasers.²
- Keep productivity high with print speeds up to twice as fast as colour lasers. 1
- Rely on pigment inks for durable colour documents that are water-, fade- and smearresistant—and stand up to highlighters.³
- Produce documents at high speeds. HP PageWide Technology enables advanced full-pagewidth printing in a single pass—so you can get back to business.

Fully loaded for the enterprise

- Be confident that sensitive business data is protected with advanced security solutions.
- Centrally manage your printing environment with HP Web Jetadmin. A universal plug-in lets
 you add new devices and apply corporate policies in one step, which helps save time and
 simplify device management.⁷
- Work with the future in mind. HP FutureSmart Firmware lets you upgrade this printer on your schedule, whenever solutions advance.
- Expand the capabilities of this printer as your needs change. Easily deploy new solutions—and add security features through the hardware integration pocket.
- Enable secure printing with just a touch from your NFC-enabled mobile device to the printer.⁵
- Enable secure peer-to-peer wireless printing for employees and guests from smartphones, tablets, and notebooks to your office printers without connecting to the corporate network.⁴

Rely on performance—print after print

- Get exceptional value from Original HP high-capacity black and colour ink cartridges. 8
- Save time and reduce paper costs, using automatic two-sided printing.
- Rely on a printer that's designed for longevity, through and through—with minimal parts
 that wear over time. Help reduce maintenance and replacement costs over the life of the
 device
- Tackle large print jobs with a paper capacity of up to 1,050 sheets.⁹

Conserve resources without sacrificing performance

- Reduce energy use—because this printer has no fuser, it consumes much less energy than many colour lasers in its class. ¹⁰
- Save energy by presetting your printer to turn on when you need it and off when you don't.
- Meets ISO specifications for use in cleanrooms—making it perfect for offices. 11
- Conserve resources—use up to 90% less supplies and packaging by weight compared with lasers.¹²









Faster than lasers—for less^{1,2}

Accelerate business printing while keeping your bottom line in mind. This powerful printer delivers colour documents at up to twice the speed¹ and half the cost per page of colour lasers.² Proven HP PageWide Technology makes it possible.

Quality colour, up to half the cost²

When HP PageWide Technology is teamed up with HP pigment ink cartridges specially designed for use in this printer, the result is a winning combination of professional-quality colour prints at up to half the cost per page versus colour lasers.²

HP EasyColor optimises results

Make a statement with high-impact, professional-quality colour documents. Use HP EasyColor to manage settings for maximum impact. HP EasyColor technology automatically improves mixed-content documents that are printed from Microsoft® Office programs. This technology scans documents and automatically adjusts photographic images in .JPEG or .PNG format. HP EasyColor technology enhances the entire image at one time, rather than dividing it into several pieces, which results in improved colour consistency, sharper details, and faster printing. You can expect glossy text, bold graphics, and vivid images. And, you can count on consistent colour—page after page, document after document, and ink cartridge after ink cartridge. Use the HP Universal Print Driver tools to manage colour use and protect your colour investment. 13

Accelerate business printing

This printer delivers vivid colour at up to twice the speed of colour lasers to help you save time and resources. In professional mode, you'll get colour and black-and-white speeds up to 42 ppm, A4. Print even faster—and save even more per page—by setting your printer to general office mode to produce full-colour prints at up to a blistering 70 pages per minute, A4. Without the need to warm up any components, the first page gets printed in as fast as 7.5 seconds. Seconds.

Durable prints that last

Rely on pigment inks for durable documents that are water-, fade- and smear-resistant—and stand up to highlighters.³

HP all-pigment inks offer vivid, highly saturated colours and bold blacks. They provide benefits over traditional dye-based inks, including outstanding water and fade resistance and better durability. These unique qualities are possible because the pigment solid does not dissolve in water but is dispersed to prevent pigment settling. As a result, the printed output resists rain, water spills, and highlighter-pen smearing, and you can handle important documents with confidence.

For even better print quality, we recommend papers with ColorLok® Technology. ColorLok papers are engineered with special additives that result in faster drying time, and minimal show-through on your printed page, which means that you don't have to sacrifice readability or image quality when printing on both sides of the paper.

The printer supports a wide range of paper types, including HP Glossy and Matte Brochure media as well as advanced photo media and other inkjet specialty papers and papers as light as 60 g/m^2 (16 lb bond).



Archive with confidence

This printer's ink has achieved ISO 11798 certification. ¹⁶ This rigorous standard ensures that printouts have a certified durability for wear and tear, often referred to as "archiveability." You can rest assured that the quality and readability of prints will remain high for years to come.



Water-resistant prints

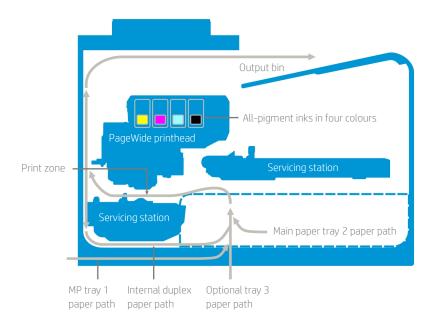
Next generation HP PageWide Technology and how it works

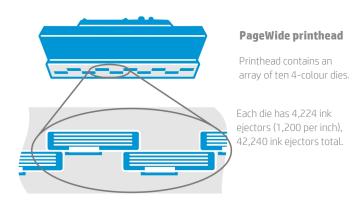
HP PageWide Technology is the secret behind the exceptional speed and reliability of this amazing printer. The star player is a printhead that spans the entire width of the paper, enabling single-pass printing at incredibly fast speeds. This is the same HP PageWide Technology found in top-end digital presses.

The printhead contains a massive number of tiny ink ejectors—over 40,000 of them positioned to span across the width of the page. As the paper passes under the printhead, ejectors release a minute drop of black or colour ink at precisely the right location to form the printed image. Unlike laser-based printers, where a laser beam must "write" a single dot at a time, or a conventional inkjet printer, which moves the print mechanism back and forth, the printhead, with its array of ink ejectors, remains stationary—only the paper is moving while ink is applied across the page.

The printer also performs continuous self-diagnosis, using special sensors to analyze the miniscule ink drops as they leave the printhead. It then calibrates the system accordingly. This calibration process is done in real time, resulting in optimised print quality at any given moment.

For a more detailed description of PageWide Technology, see the technical white paper at https://exampaigns/officejet-pro-x/?jumpid=ex_r11400_go_officejetprox.





Fully loaded for the enterprise



Count on an HP Officejet that's designed for the demands of business. Make it easy on IT, with advanced security and management solutions—and easy upgrades.

Safeguard your device, data, and documents with robust security features

The HP Officejet Enterprise Color X555 series has a multitude of options when it comes to helping you secure your environment. You can count on support for a number of solutions, along with built-in security features such as a HP High-Performance Secure Hard Disk 6 and PIN printing options.

Protect your printer

As capabilities expand and devices become more integrated into your work, device security becomes increasingly important. This printer features a number of options to help secure against undesired access:

- **Authentication and authorisation**—Authentication can help your organisation manage user access, help secure access to management utilities, and avoid unwanted device configurations. Control access to the printer, device settings, and functions, with options like:
 - Multiple embedded authentication methods. Print with a positive ID. With
 authentication options available from the device, you can configure Windows®/Kerberos
 authentication, ¹⁷ LDAP authentication, ¹⁷ and user PIN authentication that integrates with
 your existing infrastructure.
 - Role-based device authentication and authorisation with HP FutureSmart. With
 HP FutureSmart, you have more control than ever before over device security and
 permission settings. IT administrators can decide who can interact with certain device
 capabilities—helping to make printing more secure, control access, and uphold site
 security policies.
 - HP and third-party authentication solutions. With optional solutions like HP Access
 Control or HP Smartcard Solution for U.S. Government, you can enable advanced
 authentication using proximity cards or smartcards. The hardware integration pocket on
 the control panel enables integration of select card readers.
 - Encrypted document authentication with HP UPD Secure Encrypted Print.¹⁸ With this solution, the user must enter a password (symmetric key) to encrypt when printing a document, and the same password to decrypt and print the document. This authentication protects the document across the entire process.
- **Physical device protection**—Both the device and the embedded HP High-Performance Secure Hard Disk⁶ can be physically secured from theft and tampering using a lock that requires a physical key for removal (this accessory must be purchased separately). In addition, host USB ports, network ports, and other physical ports can be disabled to prevent unauthorised use.

Protect your data

Your printer harbors sensitive information—make sure it's not at risk. HP offers security features at every stage in your work. An HP High-Performance Secure Hard Disk⁶ helps safeguard sensitive data sent to your printer to keep you worry free.

Protect data at rest with the following features:

- **Storage encryption**—The HP High-Performance Secure Hard Disk in the HP Officejet Enterprise Color X555xh⁶ defends your data with full hardware encryption.
- **Secure Erase**—The printer provides built-in capabilities for securely overwriting data stored on it, allowing sensitive data to be safely removed. HP offers multiple mechanisms to erase

stored data, including functionality that conforms to U.S. National Institute of Science and Technology (NIST) Special Publication 800-88.

Password protection—Stored passwords are encrypted to help provide protection of this
critical information.

Protect data in transit with these features:

- Secure Encrypted Print with HP UPD 5.3.1 or later—For added security, choose end-to-end Secure Encrypted Print. HP Universal Print Driver provides true symmetric AES256 print job encryption and decryption from the client to the page based on a user-defined password using FIPS 140 validated cryptographic libraries from Microsoft[®].¹³
- **Network protection**—Network-transmitted data can be protected with IPsec and print jobs can also be encrypted using Internet Printing Protocol (IPP) over SSL/TLS.
- **Management safeguards**—Device management data that travels over the network between the device and the HP Embedded Web Server, HP Web Jetadmin, and other management tools can also be protected using SNMPv3 and SSL/TLS.

Safeguard your physical documents

HP offers several optional solutions to help keep documents from falling into the wrong hands and help prevent fraud, such as:

- **Pull printing**—Have documents held and released only to the person who printed them. The HP Access Control Pull Printing solution helps protect sensitive data by requiring authentication at the device, and gives users the flexibility of pulling the documents from any device that is enabled with the solution.
- **Embed anti-fraud features**—This is a valuable tool in sensitive documents like prescriptions, birth certificates, or transcripts. Anti-fraud features are embedded before they are routed to the printer and printed on plain paper by using the optional HP and TROY Secure Document Printing solution.

HP security best practices

Since 2005, HP has published security best practice checklists for networked environments common to enterprises and small to medium businesses. HP recommends that customers incorporate recommended security configurations into their environments.

For more information, go to hp.com/larqe/ipq/qateway/secure-4-steps.html. For more information on HP security solutions, checklists, and assessment tools, please visit hp.com/qo/secureprinting.

Take the worry out of printing

Add security without adding employees. Use optional HP Imaging and Printing Security Center (IPSC), the industry's first policy-based solution that helps you increase security, strengthen compliance, and reduce risk across your imaging and printing fleet.

- Streamline the process to securely deploy and monitor devices by applying a single security policy across the fleet.
- Easily achieve baseline security with the HP Best Practices Base Policy—no security expertise required.
- Secure new HP devices as soon as they are added to your network with HP Instant-on Security. ²⁰ The software automatically configures settings to comply with your corporate security policy.
- Actively maintain and verify compliance with your defined security policies by using HP IPSC automated monitoring and risk-based reporting.

To learn more about HP Imaging and Printing Security Center or to obtain a free 60-day trial, please visit https://doi.org/10.1007/jpsc.



Safeguard your fleet of HP devices with the solution Buyers Laboratory, LLC calls trailblazing—HP Imaging and Printing Security Center ¹⁹



HD Woh Jotadmin

Device-based security management

For environments where few devices are deployed, IT may choose to manage each device individually via the HP Embedded Web Server management interface, which employs HTTPS for encryption and has access controls. In addition, HP provides security wizards to assist in proper security setup.

Keep a close watch, even from afar

The HP Officejet Enterprise Color X555 series is supported by HP Web Jetadmin.⁷ This single solution allows you to efficiently manage a wide variety of networked and PC-connected devices, including printers, multifunction products, and scanners. A universal plug-in lets you add new devices and apply corporate policies in one step.⁷ Remotely install, configure, troubleshoot, safeguard, and manage your devices—ultimately increasing business productivity by helping you save time, control costs, protect your assets, and provide a better return on your investment.

HP Web Jetadmin enables you to:

- Gain a clear picture of how many and what kinds of devices you have.
- Get visibility into your supplies usage, so you can make smarter purchasing decisions, reduce spending, and even track and allocate printing costs to individual departments or users.
- Simplify, and in many cases, automate routine tasks. For example, you can apply fleet-wide policies to automatically configure new devices with the right printing and security settings when they're added to your network.
- Give your help desk staff the tools they need—such as automatic alerts—to resolve problems quickly, and often proactively, before a call is even received.
- Verify that your devices are up-to-date with the latest firmware and are properly configured (especially important for organisations that need to meet regulatory requirements).
- Use robust tracking and reporting tools to help you make better decisions about how your devices are deployed across your organisation, so you can make the most of your IT investments.
- Take advantage of additional options, like the HP Database Connectivity Module which works together with Web Jetadmin to help you establish and help achieve environmental goals.
- Get the ultimate in investment protection with HP Web Jetadmin Premium Support. This expanded service option gives your staff access to HP's dedicated software support engineers, who provide advice, usage recommendations, problem diagnosis, and more.

HP Web Jetadmin can benefit IT-managed print environments of all sizes, from large enterprises managing thousands of devices to small businesses with just a handful. For more information about how you can efficiently manage your entire imaging and printing fleet with HP Web Jetadmin—or to download this free software tool—visit <a href="https://documents.org/nc/hea/hands-nc/hands

Control colour access

Use HP Web Jetadmin⁷ and the HP Universal Print Driver¹³ to assign colour access by user, time of day, or application, or disallow colour output completely until it's needed for special projects. People who truly need to leverage the power of colour—such as your sales team and marketing department—can, while others automatically default to black-and-white output. (Colour access control capabilities vary from device to device.)

Simple one-to-one device management

The printer can also be managed using the HP Embedded Web Server (EWS). Use a web browser to monitor status, configure network parameters, or access device features.

Keep up with the times

Work with the future in mind. HP FutureSmart firmware lets you upgrade your printers and MFPs on your schedule, whenever solutions advance. This provides investment protection because you can update to new features, such as workflow and security enhancements, without having to purchase new hardware. HP FutureSmart also can help reduce the time and cost to train new users. A consistent user interface and menu design across all HP FutureSmart devices—including the HP Officejet Enterprise Color X555 series—makes the user experience intuitive and familiar. To learn more about HP FutureSmart firmware, visit hp.com/go/futuresmart.

Do more with your investment

Be ready for the new—now. This printer is designed to be compatible with emerging solutions, so you can upgrade and increase capabilities as needed. HP's cost-effective solution for hardware upgrades—the hardware integration pocket—allows you to integrate security solutions, such as card and badge readers. And HP's Open Extensibility Platform (OXP) creates a unified environment for software solutions that run on your HP Enterprise devices—providing sound investment protection, consistency for end users, and easier management. These HP innovations can help your printer remain state-of-the-art long into the future.

Simplicity all around

Make it easy for all to print with one common driver. The HP Universal Print Driver¹³ enables both mobile Microsoft device users and traditional desktop users to access the full features of nearly every HP device in your managed printing environment without the need for assistance.

Eliminate the clutter on your computer by replacing multiple print drivers with one versatile solution. Empower IT by dramatically reducing the number of drivers they have to manage and by giving them the tools they need to improve efficiency. With the HP UPD, your IT team can easily adjust device settings to help reduce printing costs, improve security, and help meet environmental goals. For example, it's simple to push two-sided printing or quicker sleep times across the fleet. Plus, the valuable tools in the HP UPD Printer Administrator's Resource Kit help you save time and money by streamlining IT tasks, implementing printing policies, and monitoring usage across the enterprise. You can also use the HP UPD in tandem with HP Web Jetadmin to create fleet-wide managed printer lists, reports, and more.⁷

You can download this valuable fleet driver solution and the tools in the Printer Administrator's Resource Kit for free. For more information about how the HP Universal Print Driver can help you protect your imaging and printing investment, simplify management, and boost productivity, visit hp.com/go/upd.

Mobile printing at a touch

It's a mobile world. Smart phones, tablets, and notebook PCs offer the flexibility to be productive at work, home, and on the go. Users want simple and reliable printing from any mobile platform or operating system, while IT managers need to control access to their network and devices. We're proud to lead the way in mobile printing, offering mobile solutions for more users, use cases, and environments than any of our competitors.

Enterprise mobile printing

The HP Officejet Enterprise Color X555 series comes ready to deploy optional HP wireless direct⁴ and HP touch-to-print.⁵ You can add these mobile printing capabilities across your existing HP devices with either the HP Jetdirect 2800w NFC and Wireless Direct Accessory. which installs in the hardware integration pocket, or with the HP NFC/Wireless 1200w Mobile Print Accessory, via USB.²¹ Please see "Ordering information" on page 25.

Both wireless direct and touch-to-print use a secure peer-to-peer connection, allowing users to print without accessing your corporate network. Print files are encrypted, and with a







configurable passphrase, you don't have to worry about who is connecting to your office

printers. Security and user access settings can be easily set up with HP Web Jetadmin 7 or the Embedded Web Server.

To use wireless direct printing, simply connect your mobile device to your printer in the same way you would discover and connect to any public wireless network. With touch-to-print, you can walk up and print from your NFC-enabled smartphone or tablet with just a touch. NFC, or near field communication, automatically discovers the printer for you, eliminating the guesswork and creating a one-to-one connection using wireless technology.

HP has been working closely with leading manufacturers of mobile devices to integrate printing into popular operating systems. In fact, HP currently offers the broadest support for embedded print functionality—across Apple iOS (AirPrint™), Samsung Android, and Windows 8, which means in most cases you won't have to download an app. Simply access the print function from the document you want to print, select your printer, and hit Print. For mobile devices without built-in print support, users will first need to download the HP ePrint app or HP ePrint software.²²

If you're looking to deploy mobile printing across an existing multi-vendor fleet and need advanced security and management options, we offer the optional HP ePrint Enterprise solution. Learn more about HP's enterprise mobile printing solutions at https://np.com/go/businessmobileprinting.

Enable printing anytime, from virtually anywhere

Even when employees are traveling, a printer can always be close at hand—with HP ePrint. Empower them to print virtually anywhere from a smartphone, tablet, or Internet-connected PC. ²³ And with Apple® AirPrint, enable employees to print from an iPad®, iPhone®, or iPod touch®. ²⁴

Enterprise sharing capabilities

The printer offers embedded wired networking capabilities that allow you to connect directly to a Gigabit Ethernet 10/100/1000T network. You also have the option of adding secure wireless networking. For more information, please see "Ordering information" on page 25.



Rely on performance— print after print







Bolster your fleet with a printer that goes the distance. Load large projects and let it handle the job while employees move on with business. Page after page, this printer is built to last.

High volume, high value

Help save money and minimise interruptions. Original HP ink cartridges install in seconds and are easy to manage. Print up to 10,000 pages per cartridge for black ink using high-capacity Original HP cartridges designed for great value. Colour cartridges offer a yield of up to 6,600 pages. For cartridge part numbers, please see "Ordering information" on page 25.

Simplify device interaction with an intuitive control panel

Use easy-to-access menus for managing the printer. Control panel menus assist in product setup, configuring network connections, specifying default paper sizes and tray selections, checking ink levels, and performing printer maintenance tasks.



Do even more with the 10.9 cm colour touchscreen

The bright and clear 10.9 cm (4.3 inch) colour graphic touchscreen on the HP Officejet Enterprise Color X555 series will transform the way you use your printer. You can complete many common tasks without ever touching your computer.

Tap and swipe for time-saving business apps

The HP Officejet Enterprise Color X555 series gives you quick access to handy apps right from the touchscreen control panel. These are special print applications available exclusively to HP web-enabled printing devices. Business apps connect your printer to the Internet in an altogether new and seamless way. Choose from a growing library of apps that make printing faster, simpler, and more useful than ever. Access your documents and print them in one touch from the HP Officejet Enterprise Color X555 series touchscreen colour display.

Select apps to:

- Keep commonly used business forms—invoices, contracts, receipts, and more—at your fingertips. Print them when you need them without a computer.²⁵
- Quickly access and print web content.²⁵



Easy-access USB



Automatic two-sided printing



Up to 1,050 sheets



Walk up and print using the easy-access USB port

The control panel on the HP Officejet Enterprise Color X555 series includes an easy-access USB port to print files directly from your thumb drive. Access saved documents or photos and print them quickly.

Loaded for productivity

Do more with your time and your budget. Automatic two-sided printing means no flipping pages by hand—plus reduced paper use for lower printing costs.

Easily meet the demands of large print jobs. The HP Officejet Enterprise Color X555dn comes standard with two input trays. You can gain extra capacity with an optional 500-sheet paper input tray 3 (which supports media up to legal size). The HP Officejet Enterprise Color X555xh comes standard with all three trays. These printers support a variety of paper sizes, weights, and types, from plain paper to photo paper, envelopes, labels, cards, and specialty papers.

In addition, an optional cabinet and stand allows you to store supplies and easily move the printer to the spot that's most convenient (may be added to both X555 models). For the optional paper tray and the cabinet and stand, see "Ordering information" on page 25.

Built to last

Rely on a printer that's designed for longevity, through and through—with minimal parts that wear over time. Help reduce maintenance and replacement costs over the life of the device. Recommended monthly print volumes are up to 5,000 pages per month²⁶ and monthly duty cycles are up to 75,000 pages.²⁷

Prior to its introduction, a new HP Office Enterprise device undergoes rigorous HP testing to provide consistent, high-quality output. Tests are performed with a large sample of devices through each step of the design process, to be certain that the device measures up to HP standards. The result is a solid, reliable product that produces consistent, excellent print quality over its entire life.

This printer includes a standard one-year limited onsite warranty, including phone, chat, and email support. (Warranty may vary by country as required by law.) Additional warranty and service extension options are available. Go to <a href="https://px.ncbi.nlm.ncbi

HP services—protect your technology investment and stay productive

Enhance your standard warranty with HP Care Pack services. Our range of support services provides you peace of mind at predictable costs—so you can focus on what you care about. With HP Care Pack services you simply choose the level of support you need—no more, no less. ²⁸ For more details, see "Ordering information" on page 25. You can also select the HP Care Pack to best meet your needs at https://doi.org/10/cpc.

Conserve resources without sacrificing performance

It has never been more important to save energy and resources, and HP technologies can help. HP's Design for the Environment initiative is driving improvements at every stage in the product lifecycle—helping reduce the amount of energy, paper, packaging, and materials used at HP and by our customers.

Reduce energy use

Because this printer has no fuser, it consumes much less energy than many colour lasers in its class¹⁰ while maintaining print speeds up to twice as fast.¹ Power usage drops significantly while in Ready or Sleep mode, which can help save resources and money without affecting the high performance of this product.

Stay productive and conserve resources with HP Auto-On/Auto-Off technology, which turns your printer on when you need it and off when you don't.²⁹ You can even set custom times for your printer to turn on and off, so it's ready when you are.

This HP printer is ENERGY STAR® qualified and Blue Angel compliant. Additional ENERGY STAR qualified imaging product model information is listed at: hp.com/qo/energystar. Blue Angel is a German eco-label based on criteria in product design, energy consumption, chemical emissions, noise, recyclable design and take-back programs.

Save paper and reduce waste

Conserve resources—use up to 90% less supplies and packaging by weight compared with lasers. ¹² Original HP pigment inks require less packaging than toner cartridges. Supplies materials by volume required are a fraction versus competitive laser printers.

Use HP SureSupply to consolidate supplies orders, helping save you money while reducing the environmental impact of packing and transporting multiple single orders.³⁰

Reduce paper use by up to 50% by printing two pages on a single sheet, using built-in automatic two-sided printing. In managed print environments, HP Web Jetadmin can help cut the cost of paper consumption by setting automatic two-sided printing as the default for individual devices or entire fleets (for two-sided printing capable devices).⁷

Help save paper and ink by printing only the web content you need, using the free HP Smart Print tool. 31

This printer meets ISO specifications for use in cleanrooms—making it perfect for offices and other sensitive places such as production environments where airborne particulates need to be minimised.¹²

Reduce your impact—recycle HP ink cartridges

Count on free, easy recycling through HP Planet Partners.³² Through HP Planet Partners—a free, convenient return and recycling program available in more than 48 countries and territories around the world—you can be assured cartridges won't end up in a landfill. All returned Original HP ink cartridges go through a multiphase recycling process where they are reduced to raw materials which are used to make new metal and plastic products.







Media guide

The HP Office Enterprise Color X555 series is designed to work across a broad range of plain papers used in general office printing. Simply load paper and print for fast, professional looking results for the vast majority of office documents. Or, choose from a wide variety of special media to create impressive marketing documents. This media guide was created to help you achieve optimum results for all of your printing needs.

To avoid problems that could require repair, only use paper within the specifications listed in the table below. This repair is not covered by HP warranty or service agreements.

Supported media for the HP Officejet Enterprise Color X555 series

	Tray 1 (multipurpose tray)	Tray 2 (main cassette)	Tray 3 (optional)	Output bin
Capacity (for 20 lb/75 g paper)	50 sheets	500 sheets	500 sheets	300 sheets
Size limits	76 x 127 to 216 x 356 mm (3 x 5 to 8.5 to 14 in)	102 x 210 to 216 x 297 mm (4 x 8.27 to 8.5 x 11.7 in)	102 x 210 to 216 x 356 mm (4 x 8.27 to 8.5 x 14 in)	
Weight limits (Light to cardstock)	60 to 200 g/m ² (16 to 53 lb)	60 to 200 g/m² (16 to 53 lb)	60 to 200 g/m² (16 to 53 lb)	
Weight limits (Photo paper)	125 to 300 g/m² (33 to 80 lb)	125 to 250 g/m² (33 to 66 lb)	125 to 250 g/m² (33 to 66 lb)	

Optimising your printed output

The HP Officejet Enterprise Color X555 series delivers high-speed, low-cost, high-quality results page after page. The product monitors temperature, humidity, ink coverage, and other parameters to optimise performance and printed output. Most manufactured plain papers 60 to 120 g/m² (16 to 32 lbs) produce high quality results without you having to specify the paper type. This makes printing simple for everyone in the office.

The X555 series also supports settings that can enhance print results if desired. Print quality can be impacted by ink coverage, paper weight/thickness, smoothness, moisture content, ColorLok versus non-ColorLok paper, and simplex versus duplex. For optimal print quality on plain paper, consider using ColorLok media for even more vivid colours, bolder blacks, faster drying and controlled manufacturing specifications. ColorLok media can be used just like any other plain media. No special settings are required—just load the tray and hit print from your computer.

For printed output that makes a stunning impression, consider using heavier or glossy paper. The X555 series supports a wide variety of paper sizes and types. Some papers, most notably LaserJet Glossy papers, have special coatings that don't allow ink to absorb into the paper and are not supported by the X555 series. HP recommends Inkjet Glossy papers such as HP Brochure Glossy 180g or HP Advanced Photo papers.

When using special papers, you can achieve optimal print quality by selecting the specific paper type in both the device control panel and in the software driver when printing. After loading paper into an input tray, a pop-up will appear on the control panel asking if you want to modify the paper size and/or paper type. Select the correct paper type from the list provided on the control panel, based primarily on paper weight. The control panel lists paper weight in grams per square meter (g/m²) or simply "g." Paper packages often list paper weight in pounds (lbs). Below is a list of common paper weights in grams and lbs to help guide you in choosing the correct paper type setting from the control panel pop-up.

When printing, you will also need to select the correct paper type from the driver, to match the setting you made on the control panel. When the print driver pops up, click on the "Properties" button, then select the "Printing Shortcuts" tab and choose the correct paper type in the pull-down menu.

Common paper weights in grams (g) and pounds (lbs) by X555 control panel category

	Light	Plain	Inter- mediate	Mid-Weight	Heavy or HP Inkjet Matte 120g	Extra Heavy	HP Inkjet Matte or Glossy 180g	Cardstock	Advanced Photo	Advanced Photo
Grams (g)	60 g	75 g	90 g	105 g	120 g	150 g	180 g	200 g	250 g	300 g
Pounds (lbs)	16 lbs	20 lbs	24 lbs	28 lbs	32 lbs	40 lbs	48 lbs	53 lbs	66 lbs	80 lbs

In summary: Most office paper types from 60 to 120 g/m² (16 to 32 lbs) can be printed as "Plain" without specifying the paper type. If print quality or jam performance does not meet expectations, select the correct paper type setting (see "Supported paper types" table on page 19 for a detailed list). Follow these steps: **1)** Load paper into one of the trays, **2)** Select the paper size and paper type for that tray on the control panel, **3)** When printing, choose the correct paper size and paper type in your software driver from your computer, **4)** Print the job.

Choose the right paper size for the job

Most general office printing is done on A4 size paper. However, the HP Officejet Enterprise Color X555 series supports many additional standard paper sizes, as shown in the table below. In addition, custom size can be used to set a unique size within the limits specified for each tray.

Supported paper sizes

	Tray 1 (left side)	Tray 2 (main cassette)	Tray 3 (optional)	Automatic duplex
Any Size	✓			
Letter (8.5x11)	✓	✓	✓	✓
Legal (8.5x14)	✓		✓	✓
Executive (7.25x10.5)	✓	✓	✓	✓
Statement (5.5x8.5)	✓	✓	✓	
Oficio (8.5x13)	✓		✓	✓
3x5	✓			
4x6	✓			
5x7	✓			
5x8	✓			
A4 (210x297 mm)	✓	✓	✓	✓
A5 (149x210 mm)	✓	✓	✓	
A6 (105x148 mm)	✓	✓	✓	
RA4 (215x305 mm)	✓		✓	
B5 (182x257 mm)	✓	✓	✓	✓
B6 (128x182 mm)	✓			
10x15 cm	✓			
16K (195x270 mm)	✓	✓	✓	
16K (184x260 mm)	✓	✓	✓	
16K (197x273 mm)	✓	✓	✓	
Postcard JIS (100x148 mm)	✓			
DPostcard JIS (148x200 mm)	✓			
Envelope #9	✓			
Envelope #10	✓	✓		
Envelope Monarch	✓			
Envelope B5	✓	✓		
Envelope C5	✓	✓		
Envelope C6	✓			
Envelope DL	✓	✓		
Custom	3 x 5 to 8.5 to 14 in	4 x 8.27 to 8.5 x 11.7 in	4 x 8.27 to 8.5 x 14 in	
Any Custom	✓	✓	✓	
Oficio (216x340 mm)	✓		✓	✓
L (9x13 cm)	✓			
Envelope Chou #3	✓	✓		

Choose the right paper type for the job

General guidelines for selecting paper:

- Use paper that is of good quality and free of cuts, nicks, tears, spots, loose particles, dust, wrinkles, voids, staples, and curled or bent edges.
- Use paper that has not been previously printed on.
- Use paper that is designed for use in inkjet printers or multipurpose paper.
- Use paper that is not too rough. Using smoother paper generally results in better print quality.

NOTE: Based on independent third-party testing using a range of plain papers, ³³ HP recommends using papers with ColorLok Technology with this product for best printing results. ColorLok is now an industry standard and paper with this technology is available from a wide variety of paper manufacturers worldwide. Just look for the ColorLok logo on the packaging. For information on HP-branded papers with ColorLok, go to hp.com/sbso/product/supplies/paper_colorlok.



Most general office printing is done on 75 g/m² (20 lb) multipurpose paper in North America and 80 g/m² multipurpose paper in Europe and other parts of the world, which produces excellent results. When printing on multipurpose paper, you can use the default "Plain" or "Any Type" selection on the *control panel* and the default "Unspecified" type selection in the *software driver*.

For exceptional results you may want to choose paper carefully. For example, in most cases 80 g/m² ColorLok branded paper costs about the same as non-ColorLok media but produces bolder blacks and more vivid colours, and dries up to three times faster—and there's no need to specify the paper type.

If you print pages with heavy ink coverage—such as dark PowerPoint backgrounds, vivid graphics, or photographs—consider using paper with ColorLok Technology, heavier paper, glossy paper, or photo paper. These papers can deliver stunning print output. Be sure to select the proper paper type when using special papers. (See "Optimising your printed output" on page 16 for instructions.)

It is also important to know what paper to avoid. LaserJet papers are designed for fusing dry toner onto the paper. This design keeps wet ink on top of the surface of the LaserJet Glossy paper and can create a wet, smeared output when used in the X555 series. *Avoid using all LaserJet Glossy Paper in this product.* If you're unsure whether the glossy paper is LaserJet or Inkjet, print a test page with a few words of text and see if it smears. If it does, then do not use that paper. Likewise, some photo paper can only be printed on one side. If printing from tray 2 or tray 3, load the paper with the glossy side facing up. If printing from tray 1, load the paper with the glossy side facing down.

If wet, smeared output does get printed, simply discard the printed pages, clean the output bin with a damp cloth, and run the "Resolve Ink Smear" maintenance routine to clean the inside of the printer (from the control panel home menu, choose: Device Maintenance → Calibration/Cleaning → Resolve Ink Smear).

Below is a simple table to guide your paper selection and printing choices for the X555 series.

General print job and paper type

	Multipurpose paper	Multipurpose paper (ColorLok)	Inkjet paper (Matte/Glossy)	LaserJet paper (Matte)	LaserJet paper (Glossy)	Photo and other media
Everyday —copy jobs, memos, emails, proposals, internet printouts	Great results	Excellent results: bolder blacks, vivid colours, faster drying	Superior results: heavier and glossy papers have higher quality feel	Results vary: Plain LaserJet paper generally works fine	Unsupported: can cause wet, smeared output	n/a
Professional —brochures, flyers, presentations, business reports	Good results	Excellent results: bolder blacks, vivid colours, faster drying	Superior results: heavier papers best for high coverage prints	Results vary: Plain LaserJet paper generally works fine	Unsupported: can cause wet, smeared output	n/a
Specialty —tri-fold brochures, labels, envelopes	n/a	n/a	Superior results: for tri-fold brochures	Results vary: Plain LaserJet paper generally works fine	Unsupported: can cause wet, smeared output	Labels should be multipurpose or Inkjet, envelopes should be multipurpose
Photos —full page photos, photos as part of business plan	Good results	Excellent results: bolder blacks, vivid colours, faster drying	Superior results: heavier and glossy paper create better output for photos	Results vary: Plain LaserJet paper generally works fine	Unsupported: can cause wet, smeared output	Best results: stunning photos on matte and glossy photo paper

Supported paper types

The table below lists all supported paper types for the HP Officejet Enterprise Color X555 series, by control panel name and print driver name.

Paper type (control panel) Under Trays menu or upon loading	Paper type (driver) Under Shortcuts and Paper/Quality tabs	Tray 1 (left side)	Tray 2 (main cassette)	Tray 3 (optional)	Automatic duplex
n/a	Unspecified				
Any Type	n/a	✓			
Plain	Plain	✓	✓	✓	✓
HP Inkjet Matte 120g	HP Premium Presentation Matte 120g	✓	✓	✓	✓
Light 60-74g	Light 60-74g	✓	✓	✓	✓
Intermediate 85-95g	Intermediate 85-95g	✓	✓	✓	✓
Mid-Weight 96-110g	Mid-Weight 96-110g	✓	✓	✓	✓
Heavy 111-130g	Heavy 111-130g	✓	✓	✓	✓
Extra Heavy 131-175g	Extra Heavy 131-175g	✓	✓	✓	✓
Cardstock 176-220g	Cardstock 176-220g	✓	✓	✓	
Labels	Labels	✓	✓	✓	
Letterhead	Letterhead	✓	✓	✓	✓
Envelope	Envelope	✓	✓	✓	
Heavy Envelope	Heavy Envelope	✓	✓	✓	
Preprinted	Preprinted	✓	✓	✓	✓
Prepunched	Prepunched	✓	✓	✓	✓
Coloured	Coloured	✓	✓	✓	✓
Bond	Bond	✓	✓	✓	✓
Recycled	Recycled	✓	✓	✓	✓
Rough	Rough	✓	✓	✓	✓
HP EcoSMART Lite	HP EcoSMART Lite	✓	✓	✓	✓
HP Inkjet Matte 180g	HP Brochure Matte 180g	✓	✓	✓	✓
HP Inkjet Gloss 180g	HP Brochure Gloss 180g	✓	✓	✓	✓
HP Advanced Photo	HP Advanced Photo Papers	Up to 300g	up to 250g	up to 250g	

Recommended HP paper types

The table below and on the next page lists the paper types HP recommends for use in the X555 series.

er Plain (or "Any T	√ype") ✓	75 g (20 lb)	\$0.012	✓
Plain (or "Any T	√ype")	75 g (20 lb)	\$0.012	✓
Plain (or "Any T	ype") ✓	75 g (20 lb)	\$0.010	✓
ppy/Print Plain (or "Any T	ype") ✓	75 g (20 lb)	\$.0.013	✓
per Plain (or "Any T	√ype")	75 g (20 lb)	\$0.012	✓
Plain (or Interm	nediate 85-95g) ✓	90 g (24 lb)	\$0.024	✓
Paper Plain (or Interm	nediate 85-95g) ✓	90 g (24 lb)	\$0.025	✓
ation Matte HP Inkjet Matte	120g	120 g (32 lb)	\$0.133	✓
atte HP Inkjet Matte		180 g (48 lb)	\$0.233	✓
ossy HP Inkjet Gloss	 180g	180 g (48 lb)	\$0.233	✓
Paper Matte HP Inkjet Matte	180g	180 g (48 lb)	\$0.280	✓
3	Paper Plain (or Interm tion Matte HP Inkjet Matte tte HP Inkjet Matte pssy HP Inkjet Gloss	Paper Plain (or Intermediate 85-95g) ✓ tion Matte HP Inkjet Matte 120g tte HP Inkjet Matte 180g tssy HP Inkjet Gloss 180g	Paper Plain (or Intermediate 85-95g) 90 g (24 lb) tion Matte HP Inkjet Matte 120g 120 g (32 lb) tte HP Inkjet Matte 180g 180 g (48 lb) pssy HP Inkjet Gloss 180g 180 g (48 lb)	Paper Plain (or Intermediate 85-95g) Paper Plain (or I

Photo	HP Brochure Paper Matte	HP Inkjet Matte 180g	180 g (48 lb)	\$0.233	✓
	HP Brochure Paper Glossy	HP Inkjet Gloss 180g	180 g (48 lb)	\$0.233	✓
	HP Advanced Photo Paper Glossy	HP Advanced Photo	250 g (66lb)	\$0.350	
	HP Everyday Photo Paper Glossy	HP Advanced Photo	200 g (53lb)	\$0.200	
	HP Everyday Photo Paper Matte	HP Advanced Photo	125 g (33lb)	\$0.200	✓

^{*} HP doesn't recommend paper from other manufacturers, as we can't control their manufacturing quality.

Choose the right print quality level for the job

The HP X555 series provides three Quality Levels for printing. From the control panel touch Administration → General Print Settings → Default Print Options → Quality Level. Select General Office for fastest print speeds and lower ink usage. Select Professional, which is the default mode, for normal print speed and ink usage. Select Presentation mode for slowest print and highest ink usage. More ink tends to produce more vivid colours but is often best suited to papers with ColorLok Technology and specialty media such as HP Brochure 180 g Matte or Glossy.

When printing, from the driver select Properties, then chose the Paper/Quality tab and select the Print Quality drop down menu in the lower right quarter of the pop-up. Select General Office, Professional, or Presentation. This selection will override the setting on the control panel for that job.

Issues and recommended actions

The following table shows a list of possible issues that may be related to paper quality, how you load paper into the tray, or how you set the paper type on the control panel or in the software driver. Some issues may simply be the result of expectations. For example, 60 g/m^2 (16 lb) papers tend to have much more strike-through and may not be suited to duplex printing.

Issue	Recommended action
Colours seem dull or washed out	Use ColorLok media for vivid colours, bolder blacks, and faster drying time. ColorLok media also works in LaserJet printers and helps increase product life. Consider using Professional HP Inkjet papers listed in "Recommended HP paper types" table above.
Printed page is excessively curled	Excessive curl is caused by a bad combination of printed areas of high ink concentration, paper, and low-humidity environments.
cacessively curted	 Curl is highly dependent on paper characteristics. Try using a different paper, especially if you are using 60 g/m² (16 lb) paper. Papers with ColorLok Technology tend to curl less. You may need to use heavier papers such as 90 g/m² (24 lb) or 120 g/m² (32 lb).
Output is wet to touch	Longer drying times can be caused by certain papers, high concentrations of ink in printed areas, and high-humidity environments.
	 Papers with ColorLok Technology dry faster. You may need to use heavier papers such as 90 g/m² (24 lb) or 120 g/m² (32 lb) which can absorb more ink and hence dry faster.
Wrinkles in printed areas	Excessive cockle is caused by a bad combination of printed areas of high ink concentration, paper, and low-humidity environments.
(called cockle)	Lighter weight papers cockle more, so consider using heavier weight papers.Papers with ColorLok Technology tend to cockle less than non-ColorLok papers.
Strike-through	Excessive visibility of the printed image from the back side of the sheet is due to paper that has low opaqueness or is too thin.
	 Consider using a heavier paper. Consider using paper with ColorLok Technology as it is specially formulated to keep ink pigments on the surface of the paper instead of bleeding into the paper itself.
Smeared ink on glossy paper	There are many coated (glossy) papers such as LaserJet Glossy Papers that do not work in this device. The ink cannot absorb into the media and creates a wet, messy output. Fortunately this condition can be avoided:
	Never use LaserJet Glossy paper.
	 Never use coated paper developed for offset printing. HP Recommends HP Brochure Paper Glossy, 180 g (48 lb) which can be printed on both sides and is reasonably priced. If you do print on LaserJet glossy paper or other paper which does not let ink absorb into the paper use the following steps to recover:
	 Remove and discard smeared paper, then clean ink off the surface of the output bin using a clean, moist cloth. Run a cleaning diagnostic: Load plain paper in tray 2 and set to Plain (A4 or Letter size). From the control panel touch Device Maintenance → Calibration/Cleaning → Resolve Ink Smear → Start.
Highlighter smears ink	Good highlighters will not smear ink on the printed page when using one pass of the highlighter.
on printed page	Use a single pass when highlighting your printed documents.

^{**} Costs per page are estimated street prices for letter size calculated from ream and package prices from HP's Paper Selector Guide, U.S. Version Feb 2013: <a href="https://doi.org/10.1007/jpec-10.10

Vertical white lines (streaks)

White streaks (vertical for portrait prints, horizontal for landscape prints) can occur for a variety of reasons but can almost always be corrected.

- Paper dust can block nozzles and create vertical white lines called streaks. The X555 series monitors nozzle health and cleans the print head accordingly. However, streaks may occur, especially if low quality paper is used.
 - Use quality paper.
 - From the control panel, touch Device Maintenance → Calibration/Cleaning → Printhead Cleaning and touch "Continue" to begin the cleaning process. This normally takes about 15 minutes. The printer will produce a Print Quality Report. If streaks appear in any of the colour bars, continue with the troubleshooting steps presented on the control panel.
 - Printing solid colour patterns of cyan, magenta, yellow, or black may be needed in some cases to restore full nozzle health and eliminate streaks. To get further assistance in print-quality troubleshooting, go to hp.com/support/ojcolorX555 and select PQ Troubleshooting Tools.
- Cold temperature: Ink will freeze. If the printer has been in a below freezing environment then it may need 24 to 48 hours to
 completely acclimate after being brought into an operating environment (15 to 30 degrees Celsius, 59 to 86 degrees Fahrenheit).
 - Allow at least 24 hours for the X555 series to acclimate to room temperature for initial setup if the device has been exposed to temperatures below 5 degrees Celsius (41 degrees Fahrenheit).

Ragged or missing colours in vertical bands from top to bottom of page (blocked nozzles)

- Dirty Power Off: The X555 series should always be powered off using the front panel power button located on the front lower left
 of the unit. This ensures the print bar is properly capped and protected. If the power cord is pulled or power to the unit is lost, the
 print bar may be uncapped and the ink in the nozzles could dry, creating streaks. The longer the unit is left in this condition, the
 more difficult it is to recover.
 - Never remove power from the X555 series without first powering off the device using the power button.
 - Follow the same printhead cleaning instructions given above for streaking caused by paper dust.

Wrong colours or colour variation in bands from top to bottom of page (ink mixing)

- Transportation of unit: If the X555 series is transported to a new location, ink mixing across the nozzles may occur. This will result in bands of colours being mixed from top to bottom of page.
 - When transporting the X555 series after initial setup, power-off the unit correctly and carefully move it on a cart, keeping it in the correct orientation. Turn the unit on and print a test page as soon as possible (from the control panel, go to Administration → Troubleshooting → Print Quality Pages → Print Quality Report → Print). If it's necessary to clean the print head, use the same instructions given above for streaking caused by paper dust.
 - Printing solid colour patterns of cyan, magenta, yellow, or black may be needed in some cases to restore clear ink mixing. To get further assistance in print-quality troubleshooting, go to hp.com/support/ojcolorX555 and select PQ Troubleshooting

I want to print photos

Stunning results can be achieved when using the correct media.

- HP recommends HP Brochure Paper, Matte 180 g or HP Brochure Paper, Glossy 180 g for excellent results for letter sized photos or graphics. These papers can be printed on both sides.
- HP also recommends HP Advanced Photo papers that come in a variety of photo sizes. These papers can only be printed on one side

Multi-feeds

Sheets can occasionally stick to each other or be damaged such that two or more sheets are held together when picked. Most often these pages will travel together through the printer and a blank page will be seen in the printed stack of pages.

- Discard dog-eared sheets or wrinkled sheets.
- Do not mix different paper types in the same tray.
- Load paper one half to one full ream at a time.
- Occasionally, a multi-pick will result in the second sheet shifting from the leading (top) sheet. In these cases a sensor will detect that the page is longer than expected and post a message to the control panel. If this occurs you can discard the blank sheet(s), check the paper size loaded in the tray, and check that the length and width settings are adjusted correctly.
- Try removing the stack of paper from the tray and flex it, rotate it 180 degrees, and flip it over. Do not fan the paper. Return the stack of paper to the tray.
- Use only paper that meets HP specifications for this product.

Paper jams

Paper jams occasionally occur. A high rate of paper jams could be due to several issues.

- Paper loaded in the tray is not "Typed" correctly. For example, if you load Cardstock paper into a tray, the control panel will
 prompt you to pick the correct type from a list. You must select Cardstock or the device will think that a different paper, such as
 Plain, is loaded. Since the device adjusts its picking method based on paper type, miss-pick jams may result when the wrong type
 is selected.
- Discard dog-eared sheets or wrinkled sheets.
- When jams do occur, follow the illustrated steps on the control panel to find and remove the jam.
- If a sheet has to be removed from tray 2, carefully remove the tray, grab the paper at both corners and gently pull to remove, being careful not to tear the page.

Full ream of paper doesn't quite fit in tray

Occasionally you may not be able to fit a full ream of paper into tray 2 or tray 3. This could be due to variation in paper weights and can occur more often in high humidity environments because the paper absorbs the moisture and expands slightly.

• When loading paper, make sure no pages are pushed toward you while closing the tray. These pages may get damaged and have to be discarded. Otherwise, simply set them aside and load them later, after printing a sufficient number of pages to make room in the tray.

By following the instructions in this media guide, you can enjoy high-speed, low-cost, high-quality results page after page with your HP Officejet Enterprise Color X555 series.

Technical specifications

	HP Officejet Enterprise Color X555dn	HP Officejet Enterprise Color X555xh		
Print speed ¹⁴	Professional mode (black or colour): up to 42 ppm, A4 (44 pp	om, letter)		
	General office mode (black or colour): up to 70 ppm, A4 (72 p	ppm, letter)		
	Duplex (black or colour): 22 ppm, A4/letter; 37 ppm, A4 (38 p	opm, letter), General office		
First page out ¹⁵	As fast as 7.5 seconds (A4 or letter, black or colour)			
Print resolution	Black: up to 1200×1200 optimised dpi from 600×600 input HP Brochure matte)	t dpi (on ColorLok, Plain, HP Premium Presentation matte, and		
	Colour: up to 2400 x 1200 optimised dpi from 600 x 600 inpu	ut dpi (on HP Advanced photo papers)		
Control panel	10.9 cm (4.3 inch) colour LCD with touchscreen; rotating (adji return to the Home menu); USB High-speed 2.0 port; hardwa			
Features				
PageWide Technology	HP PageWide array printhead; 42,240 nozzles at 1,200 nozz artificial intelligence to maintain nozzle heath and image qua			
Two-sided printing	Automatic			
Processor	796 MHz			
Memory	1.28GB RAM			
Storage	Solid State Drive (minimum 8 GB volatile storage; Firmware encryption (AES 256) of customer/job data; Secure Crytographic Erase – Job Data, Secure ATA Erase – Disk)	HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase – Temporary Job Files, Secure Erase – Job Data, Secure ATA Erase – Disk)		
Durability ratings				
RMPV (recommended monthly page volume) ²⁶	1,500-5,000			
Duty cycle ²⁷	Up to 75,000 pages			
Media specifications				
Input capacity	Standard: up to 550 sheets; Maximum with optional tray 3: up to 1,050 sheets	Standard: up to 1,050 sheets		
	Multipurpose tray 1: up to 50 sheets	Multipurpose tray 1: up to 50 sheets Tray 2, tray 3: up to 500 sheets		
	Tray 2, optional tray 3: up to 500 sheets	ling 1, day 3, ap to 300 sheets		
Output capacity	Up to 300 sheets			
Media sizes	Tray 1: oficio, A4, A5, A6, B5 (JIS), B6 (JIS), 16K, 10×15 cm, L oficio, legal, statement, executive, 3×5 in, 4×6 in, 5×7 in, 5 mm to 216×356 mm (3×5 in to 8.5×14 in)	, Hagaki, envelopes (B5, C5, C6, DL, Chou #3, Chou #4); letter, x 8 in, envelopes (No. 10, Monarch); custom sizes: 76 x 127		
	Tray 2: A4, A5, B5 (JIS), 16K, envelopes (B5, C5, DL, Chou #3) sizes: 102 x 210 mm to 216 x 297 mm (4.0 x 8.3 in to 8.5 x 1			
	Automatic two-sided printing: A4, A5, RA4, B5 (JIS), 16K; letter	er, legal, oficio, executive		
		Tray 3: A4, A5, B5 (JIS), 16K; letter, oficio, legal, statement, executive; custom sizes: 102×210 mm to 216×356 mm $(4.0 \times 8.3$ in to 8.5×14 in)		
Media weights	Tray 1: plain paper 60 to 120 g/m² (16 to 32 lb); photo 125 to 300 g/m² (33 to 80 lb); envelope 75 to 90 g/m² (20 to 24 lb); brochure 120 to 180 q/m² (32 to 48 lb); card 163 to 200 g/m² (44 to 53 lb)			
	Tray 2: plain paper 60 to 120 g/m² (16 to 32 lb); photo 125 to 250 g/m² (33 to 66 lb); envelope 75 to 90 g/m² (20 to 24 lb); brochure 120 to 180 g/m² (32 to 48 lb); card 163 to 200 g/m² (44 to 53 lb)			
	Automatic two-sided printing: plain paper 60 to 120 g/m² (16 card 163 to 200 g/m² (44 to 53 lb)	5 to 32 lb); brochure 120 to 180 g/m² (32 to 48 lb);		
		Tray 3: plain paper 60 to 120 g/m² (16 to 32 lb); photo 125 to 250 g/m² (33 to 66 lb); brochure 120 to 180 g/m² (32 to 48 lb); card 163 to 200 g/m² (44 to 53 lb)		

	HP Officejet Enterprise Color X555dn	HP Officejet Enterprise Color X555xh			
Media types	Plain paper (light, intermediate, mid-weight, heavy, extra heavy, prepunched, recycled, bond, other inkjet plain paper), photo (glossy, gloss, matte, other inkjet photo), envelopes, labels, cards, specialty papers (glossy brochure, matte brochure, tri-fold brochure, greeting cards, other inkjet specialty paper)				
Connectivity	2 High-Speed USB 2.0 Host; 1 High-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 2 Internal USB Host				
Networking capabilities	Standard: Via HP Jetdirect Ethernet embedded print server s support on Fast Ethernet and Gigabit Ethernet; IPsec; Option	upports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) al: 802.11b/g/n wireless networking ³⁴			
Mobile printing capabilities	Standard: HP ePrint, Apple AirPrint™; Optional: Wireless dire	ct and touch-to-print printing ³⁴			
Print languages	HP PCL 6, HP PCL 5c (HP PCL 5c driver available from the We (v 1.4)	b only), HP postscript level 3 emulation, native PDF printing			
Fonts	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript Level 3 emulation (Euro symbo built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista® 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at hp.com/qo/laserjetfonts				
Network protocols and configurations	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or high WS Discovery, IPP, Secure-IPP, IPsec/Firewall	er), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD,			
	IPv6: DHCPv6, MLDv1, ICMPv6				
	IPv4: Auto-IP, SLP, Telnet, IGMPv2, B00TP/DHCP, WINS, IP Direct Mode, WS Print				
	Other: ePrint				
Security	Management security: SNMPv3, SSL/TLS, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in				
Supported operating systems Windows XP SP3 or greater (32-bit and 64-bit), Windows Vista (32-bit and 64-bit), Windows 7 (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows Server 2003 SP2 or greater (32-bit and 64-bit), Windows Server 2012 (64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit)					
	Mac OS X v10.7 Lion, OS X v10.8 Mountain Lion, OS X v10.9 Maverick				
	For the latest operating system support see: Air Print: <u>supports</u> Terminal Services hp.com/qo/sap/drivere novell.com/iprint , SAP device types: hp.com/qo/sap/drivers , JetDirect: hp.com/qo/jetdirectunix_software				
Network operating systems	HP-UX 10.20, 11.x, 11.i, IBM AIX 3.2.5 or higher, Microsoft Windows 2000, MPE-iX, Citrix MetaFrame Server, Novell 5.1 or higher, Red Hat Linux 7.x or higher, Solaris 2.5 or higher (SPARC systems only), SuSe Linux 8.x or higher, Windows 2003 SP2+ 64-bit, Windows Server 2003 SP2+, Windows Terminal Services, Windows Vista (32-bit and 64-bit), Windows Vista Ready, Windows XP SP3+ 64-bit, Windows XP SP3+ Home, Windows XP SP3+ Home, Windows XP SP3+ Professional, Windows XP SP3+ Professional and Windows Vista, Windows 7 SP1 or greater (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows Server 2008 (32-bit and 64-bit), Windows Server 2012 (64-bit)				
	Mac OS X v10.6, OS X v10.7 Lion, OS X v10.8 Mountain Lion, OS X v10.9 Maverick				
	(For Microsoft IPv6 compatibility use Windows 2003, Window	ws XP Home, Windows XP Professional and Windows Vista)			
Recommended system requirements, PC	Microsoft Windows 7, Windows 8: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB hard disk space, CD-ROM/DVD drive of Internet connection, USB port, Internet Explorer; Windows Vista: 800 MHz 32-bit (x86) or 64-bit (x64) processor, 2 GB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows XP (SP3) or higher (32-bit only): any Intel® Pentium® II, Celeron® or compatible processor, 233 MHz or higher, 750 MB hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 6 or higher; Linux: For more information, see				

	HP Officejet Enterprise Color X555dn	HP Officejet Enterprise Color X555xh		
What's in the box	HP Officejet Enterprise Color X555 Printer, introductory HP Officejet Black, Cyan, Yellow, Magenta print cartridges (Black: ~7,800 pages, Color: ~3,400 pages) ³⁶ ; hardware install guide; warranty card; software and electronic documentation on CD-ROM; power cord; USB cable			
		Plus: 500-sheet paper tray 3		
Included software	HP PCL 6 Discrete Printer Driver; Mac SW Link to Web (Mac Installer); Windows Installer			
Downloadable software	Universal Print Driver for Windows, Windows CD image, Mac CD Image, Web JetAdmin, Easy Printer Care, Basic Color Match Smart Web Printing In-House Marketing, Unix/Linux driver, Enterprise installer utility, Plug and Play bundles			
Warranty	One-year, next business day, on-site limited warranty. Warranty and support options vary by product, country and local legal requirements.			

Environmental and power specifications

	HP Officejet Enterprise Color X555dn	HP Officejet Enterprise Color X555xh	
Environmental ranges			
Temperatures	Operating: 15 to 30° C (59 to 86° F); Storage: Before initial start-up (Non-Purged): -40 to 60° C (-40 to 140° F); After initial start-up (Purged): 0 to 60° C (32 to 140° F) 37		
Relative humidity range	20 to 60% RH (recommended), 20 to 80% RH (operating), 5 to 90% RH (non-operating)		
Acoustic power emissions ³⁸	6.8 B(A)		
Acoustic pressure emissions	52 dB(A) (printing at 43 ppm)		
Power specifications	Energy Star 2.0, Blue Angel UZ-171, and EPEAT Silver		
Power supply required	100-240 VAC, 3A, 50/60 Hz		
Power consumption ³⁹	Printing: 54 watts; Manual off: 0.4 watts; Sleep: 10 watts; Ready: 17 watts; Auto Off/Manual On: 0.4 watts; Auto Off/Wake on LAN: 2 watts		
Typical Electricity Consumption (TEC)	2.1 kWh/week		
Environmental specifications	Mercury-free		
Safety approvals and requirements	IEC 60950-1:2005 +A1; EN60950-1: 2006 +A11:2009 +A1:2010 +A12:2011; UL/cUL Listed (USA/Canada); GS Certificate (Germany, Europe); IEC 62479:2010; EN 62479:2010; Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries		
Electromagnetic emission standard	CISPR 22:2008 / EN 55022:2010 (Class A), EN 61000-3-2:2006 +A1:2009 +A2:2009; EN 61000-3-3:2008; EN 55024:2010; FCC Title 47 CFR, Part 15 Class A (USA); ICES-003, Issue 4 (Canada); EMC Directive 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries		

Ordering information

Use accessories and supplies specifically designed for the printer to help provide efficient performance. To order the accessories and supplies listed here, go to hp.com. If you don't have access to the Internet, contact your qualified HP dealer, or call HP (U.S.) at (800) 282-6672. To contact HP by country, please visit welcome.hp.com/country/us/en/wwcontact_us.html.

Product	HP Officejet Enterprise Color X555dn HP Officejet Enterprise Color X555xh	C2S11A C2S12A
Supplies	HP 980 Black Original Ink cartridge (~10,000 pages) ⁸ HP 980 Cyan Original Ink cartridge (~6,600 pages) ⁸ HP 980 Magenta Original Ink cartridge (~6,600 pages) ⁸ HP 980 Yellow Original Ink cartridge (~6,600 pages) ⁸ HP Officejet Ink Collection Unit	D8J10A D8J07A D8J08A D8J09A B5L09A
Accessories	HP Officejet Enterprise 500-sheet paper tray HP Officejet Enterprise Printer Cabinet and Stand HP Jetdirect ew2500 Wireless Print Server HP Jetdirect 2700w USB Wireless Print Server ³⁴ HP Jetdirect 2800w NFC and Wireless Direct Accessory ³⁴ HP Jetdirect ew2500 Wireless Print Server	B5L07A B5L08A J8021A J8026A J8029A J8021A
HP Care Pack Services ²⁸ Select the right HP Care Pack Service for your printer at hp.com/qo/cpc	3-year Next business day Color Officejet X555 Hardware Support 1-year Post Warranty Next business day Color Officejet X555 HW Support 5-year Next business day Color Officejet X555 Hardware Support 3-year 4-hour 9x5 Color Officejet X555 Hardware Support	U1UL9E U1XL3PPE U1UM1E U1UM2
Paper	Asia: 65 6253 8500	
Software	HP Web Jetadmin: <u>hp.com/qo/wja</u> HP Universal Print Driver: <u>hp.com/qo/upd</u>	

HP Imaging and Printing Security Center: <u>hp.com/qo/ipsc</u>

To learn more about available infrastructure, management, and workflow solutions, visit $\underline{\text{hp.com/qo/qsc}}$

Notes

- ¹ Comparison based on manufacturers' published specifications of fastest available colour mode (as of December 2013) and includes colour laser printers ≤\$1,200 USD based on market share as reported by IDC as of Q3 2013 and HP internal testing of printer in fastest available colour mode (sample 4-page category documents tested from ISO 24734). For more information, see <u>hp.com/qo/printerspeeds</u>.
- ² Cost-per-page (CPP) claim is based on the majority of colour laser printers ≤\$1,200 USD as of December 2013, based on market share as reported by IDC as of Q3 2013. ISO yield is based on continuous printing in default mode. CPP comparisons for laser supplies are based on published specifications of the manufacturers' highest-capacity cartridges. For details, see https://documents.org/learnaboutsupplies. estimated street price. For more information, see https://documents.org/learnaboutsupplies.
- ³ Fade resistance based on paper industry predictions for acid-free papers and Original HP inks; colourant stability data at room temperature based on similar systems tested per ISO 11798 and ISO 18909. Water resistance based on HP internal testing, using paper with the ColorLok® logo.
- ⁴ Wireless direct printing requires purchase of optional module. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable printer prior to printing. Depending on mobile device, an appor driver may also be required. Wireless performance is dependent upon physical environment and distance from the access point in the printer. For details, see https://documents.org/linear-purchase- of optional module. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable printer prior to printing. Depending on mobile device, an apport of the printer prior to printing.
- ⁵ Touch-to-print capability requires purchase of optional module. Mobile device must support near field communications-enabled printing. For a list of supported devices, see <a href="https://px.ncbi.nlm.ncbi.
- ⁷ HP Web Jetadmin is free and available for download at <u>hp.com/go/webjetadmin</u>. Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher.
- ⁸ Page volume based on HP 980 Black, Cyan, Magenta and Yellow Ink Cartridges. Average yield based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors.
- 9 1,050-sheet input capacity with 500-sheet tray 3 (included standard with the X555xh model).
- 10 Majority of colour laser printers ≤\$1,200 USD based on market share as reported by IDC as of Q3 2013; for details, see hp.com/qo/officejet. Energy use based on internal HP testing. Actual cost and energy usage may vary.
- ¹¹ Based on results of third-party testing of HP Officejet Enterprise Color MFP M585 series with HP 980 Original ink cartridges.
- 12 Compared with the majority of colour laser printers <\$1,200 USD based on market share as reported by IDC as of Q3 2013. Calculation compares weight of supplies and cartridge packaging needed for similar amount of pages based on ISO yield and continuous printing.
- ¹³ The HP Universal Print Driver is free and can be downloaded at <u>hp.com/go/upd</u>.
- 14 ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see hp.com/go/printerclaims.
- 15 Exact speed varies depending on the system configuration, software application, driver and document complexity.
- ¹⁶ Testing performed in accordance with ISO 11798:2000 information and documentation, conducted by SP Technical Research Institute of Sweden, November, 2012. For more information, see <a href="https://heisia.gov/heisia
- ¹⁷ Requires firmware upgrade shortly after product introduction.
- ¹⁸ Encrypted printing requires use of HP Universal Print Driver 5.3.1 Secure Encrypted Print feature.
- 19 Buyer's Lab, Inc. Outstanding Achievement in Security Solutions award, Winter, 2013. For details, see hp.com/large/ipg/gateway/security_center.
- ²⁰ HP Instant-on Security is part of HP Imaging and Printing Security Center, which must be purchased separately.
- ²¹ HP Jetdirect 2800w is supported by most HP LaserJet Enterprise devices with FutureSmart firmware. The HP LaserJet Enterprise M4555 MFP series, HP Color LaserJet Enterprise CM4540 MFP series, and HP Color LaserJet Enterprise CP5550 Printer series do not support the HP Jetdirect 2800w, but do support the HP 1200w MobilePrint Accessory. HP 1200w Mobile Print Accessory works with HP Officejet Mobile 100/150 printers and
- HP LaserJet printers and multifunction products (MFPs) introduced in 2008 or later that are equipped with a USB port.
- ²² Please note that while your mobile device is directly connected to the printer, access to content that requires Internet support (such as web pages or documents stored in the cloud) may not be supported while in HP wireless direct mode.
- ²³ Remote printing requires an internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details.
- ²⁴ Requires an Internet connection to the printer. Supports OS X® Lion, OS X® Mountain Lion and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later) and iPod touch® (3rd generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your OS X or iOS device. Wireless performance is dependent upon physical environment and distance from the access point.
- ²⁵ Requires a wireless access point and an Internet connection to the printer. Services require registration. App availability varies by country, language, and agreements, and requires a firmware upgrade. For details, hp.com/ao/eprintcenter.
- ²⁶ HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
- ²⁷ Duty cycle is defined as the maximum number of pages per month of imaged output.
- ²⁸ Service levels and response times for HP Care Pack Services may vary depending on your geographic location. Restrictions and limitations apply. Service starts on date of hardware purchase. For details, visit has com/an/cnc
- <u>hp.com/qo/cpc</u>.

 ²⁹ HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
- ³⁰ HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit <u>hp.com/go/SureSupply</u>. Only available with Original HP supplies. Internet access required.
- ³¹ Supports Microsoft Internet Explorer 7.0, 8.0, and 9.0, as well as Mozilla Firefox versions 3.5 through 5.01.
- ³² Program availability varies. Original HP cartridge return and recycling is currently available in more than 48 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit ho.com/recycle.
- $^{\rm 33}$ For more information, see the Spencer Labs report at $\underline{\rm spencerlab.com/reports/recent.asp.}$
- ³⁴ HP Jetdirect 2800w (J8029A) and HP Jetdirect 2700w (J8026A) accessories cannot be installed at the same time.
- 35 Windows Installer has the same Operating System support as the printer driver except the following: Windows XP® SP3+ (32-bit only); Windows Server 2003 SP2+ (32-bit only); Windows Vista Starter not supported in Driver nor Installer; HP Software Installer CD for Windows The HP PCL 6 discrete driver and .NET 3.5 SP1 are installed for Windows operating systems along with other optional software. .NET 4.0 is included in Windows 8/Server 2012. HP Software for Mac is no longer included on the CD, but can be downloaded from <a href="https://doi.org/10.1007/jps-10.20
- ³⁶ Page volume based on HP 980 Black/980 Color ink cartridges. Average yield based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of pages printed and other factors. Some ink from included cartridges is used to start up the printer. For more information, see <a href="https://px.ncbi.nlm.nc
- ³⁷ If stored below the lowest specified operating temperature, unit must slowly warm up to an approved operating temperature (HP recommends waiting 24 hours at approved operating temperature prior to using the printer).
- 38 Acoustic values are subject to change. For current information see hp.com/support.
- ³⁹ 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.

Sign up for updates

hp.com/go/getupdated





Rate this document

© Copyright 2014 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.

AirPrint and the AirPrint Logo are trademarks of Apple® Inc. OS X, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. ENERGY STAR and the ENERGY STAR mark are registered U.S. marks. Intel, Pentium, Celeron are trademarks of Intel Corporation in the U.S. and other countries. UNIX is a registered trademark of The Open Group. Linux is a U.S. registered trademark of Linus Torvalds. Microsoft, Windows, and Vista are U.S. registered trademarks of Microsoft® Corporation. All Rights Reserved.

