

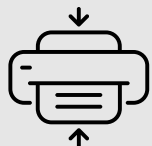
HP Color LaserJet Enterprise X600 Series printers



Powerfully productive. Extraordinarily efficient.



The modern workforce demands radical flexibility and agility to collaborate across teams and tasks. Now, you can empower employees with the innovative and efficient HP Color LaserJet Enterprise X600 Series MFPs and printers. With robust copier capabilities in print volume, input and finishing options, scanning and print speed performance, and solutions that scale with your business; these redesigned printers are here to support today's business demands and those yet to come. Explore how this managed portfolio is right for your business today.



Everything you expect
from an office printer



Customizable
and scalable solutions



Fast and seamless
digitization

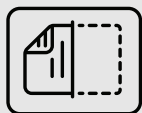


HP WOLF SECURITY

Always on guard with HP
Wolf Security¹

Everything you expect from an office printer

Advanced workflow solutions coupled with copier capabilities make this fully featured A4 printer the best choice for all your workgroup needs



Powerful device performance for peak productivity

Experience ultra-fast scanning speeds and ultimate productivity powered by HP's fastest quad-core processor. Next generation Flow technology and up to 200 ipm² duplex scan technology make light work of heavy workloads.



Fast printing speeds

Fast print speeds of up to 65 ppm³ sets the pace to handle any workload. Busy workgroups can get everything done with ultimate speed, top performance, and reliable quality.



Proactively maintain print quality

HP Print Quality Diagnostics helps to detect and diagnose print quality issues before they affect workflow productivity.



Work with the future in mind

HP FutureSmart firmware⁴ can be updated with the latest features to help protect and optimize your investment in print infrastructure for years to come. Get consistent, intuitive user controls across devices, seamlessly handle paper and digital content to improve workflows, and easily install updates on your schedule.



Fleet management is made easy with HP Web Jetadmin⁶

Take control of your printing and imaging environment with HP Web Jetadmin.⁶ Easily add new devices and solutions, update features, and apply corporate policies to help manage your fleet and build consistent user experiences.



HP Color LaserJet Enterprise MFP X600 Series: Improve workflow & productivity with enhanced Next generation HP Flow technology

Scan-to-multiple destinations

Save time and effort by sending documents to multiple recipients with customized shortcuts that eliminate repetitive steps and avoid misdirection.

On-site digital editing and marking

Improve workflow and save time with convenient digital editing—including marking, redaction, highlighting, and simple signatures⁷, directly on the device control panel.

HP Reverse and Retry technology⁸

HP Reverse and Retry technology automatically detects and resolves multi-sheet feed issues, helping you avoid interruptions and downtime leading to lost productivity.

Easily digitize and edit documents with built-in OCR software¹⁰

Easily scan and capture text to digitize documents with the high-accuracy OCR software. Once scanned, make edits to the document before printing. Increase the speed of OCR scanning with an optional accelerator card.

Smart auto-sensing features

Save time and effort with auto-sensing features that reduce steps and increase accuracy. From tone and color management to 2-sided document detection and automatic job separation, auto-sensing features ensure print and scanning jobs are completed efficiently and accurately.

Options for improved data entry

Typing job information is faster on a familiar keyboard interface. Choose a large 10.1-inch color touch-enabled control panel with virtual keyboard or add a physical keyboard⁹ on the device to make data entry quicker and easier for users who prefer a traditional keyboard experience.

Help reduce paper consumption

With Flow-enabled MFPs scanning, editing, and sharing digitally, users are able to digitize and store paper records—helping them save paper for projects they truly need in hard copy.

Customizable and scalable solutions

Flexible printer configurations
and easy-to-scale solutions
meet evolving workforce needs
while optimizing workflows



Get the functionality you need with flexible configurations

Add finishing options

Finishing options like a convenience stapler, memory, and paper trays can be added as an option on some models to make work flow faster.

Upgrade your device anytime

Expand device functionality and performance with upgradeable options at any point during the contract.

Easy-to-scale solutions with advanced workflow capabilities to meet the demands of the evolving workforce.

Optimize your device to meet your business needs and your budget.

Select the document-feeding solution that works best for your team.

Choose storage options to handle data and documents stored on the device.

Faster and seamless digitization

A powerful collaboration hub that makes document digitization and management easier with incredibly fast scanning and cloud-based solutions



Build your best workflows

Start using cloud-connected HP Workpath apps to make your day-to-day easier by customizing print experiences, accessing personalized content, and easily integrating paper and digital workflows.¹¹



Easily expand capabilities with Hardware Integration Pocket¹⁵

Give workgroups what they need to succeed. Easily develop, deploy, and integrate HP and third-party solutions with HP Open Extensibility Platform. Add features such as card readers and more through the Hardware Integration Pocket.



Match color output needs

Make color management simple with HP Custom Color Manager.¹⁴ Match the color output of any document-device combination by simply pulling color profiles from the cloud. Get high-quality color profiles without the hassle of expensive color-matching systems.



HP state-of-the-art A4 targeted fusing technology¹²

HP state-of-the-art targeted fusing technology requires less energy and eliminates cooling requirements. Operating at full speed for longer, means no pausing on larger color print jobs and faster printing at any size, including narrow Statement and A5 media.¹³

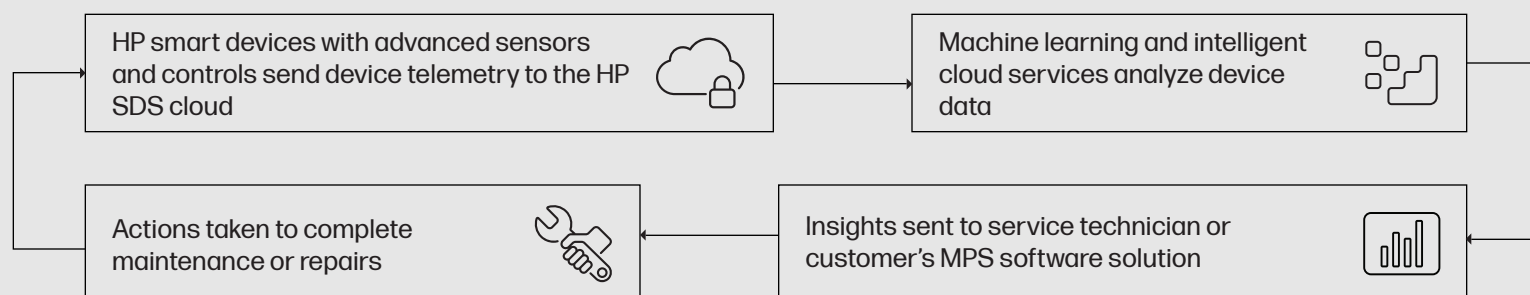
Smart Device Services—delivering maximum uptime and leading service experiences

HP smart devices and powerful cloud services help to reduce downtime, and eliminate loss of productivity. Let leading-edge printer and services technology maximize device uptime so you can focus on what matters most.



Minimize downtime with technology that allows service providers to pinpoint issues before there's a problem

How does HP Smart Device Services (SDS) work?



Always on guard with HP Wolf Security

HP Wolf Enterprise Security provides the world's most secure printing⁵ that protects, detects, and adapts to new threats. We keep trouble out so you can keep your business running.

HP Sure Start checks the operating code

HP Sure Start works behind the scenes every time your printer powers on to validate its operating code (BIOS)—boot instructions for loading critical hardware components and initiating firmware. If a compromised version is discovered, the printer restarts with a safe 'golden copy' of its BIOS, so you're safeguarded from attacks.

HW-based Runtime Intrusion Detection monitors memory activity

Memory Shield™ and expanded Runtime Intrusion Detection protect the memory, including network, scanning, print, and fax applications. Active system monitoring helps you stay on guard with technology designed to meet and exceed international security standards. Continually checks for anomalies during complex firmware and memory operations, automatically stops intrusions, and reboots to initiate self-healing.¹⁶

HP Security Manager¹⁷

Easily set security configuration policies and automatically validate settings for enabled HP printers in your fleet. HP Security Manager offers an effective, policy-based approach to help secure HP printing and imaging devices.

200+ embedded features for tighter security¹⁸

Protect the information in transit over the network and stored on the device—keys, passwords, certificates, and more.

HP Connection Inspector examines network connections

The printer's network connections are inspected to stop malware from stealing data and compromising your network. HP Connection Inspector uses a unique HP technology that evaluates outgoing network connections to determine what's normal, stops suspicious requests to 'call home' to malicious servers, and automatically triggers a self-healing reboot.

Whitelisting automatically checks for authentic firmware

Firmware is automatically checked during start-up to determine if it's authentic, good code—digitally signed by HP. Whitelisting helps ensure firmware hasn't been tampered with because compromised code could expose your whole network to an attack. If an anomaly is detected, the printer reboots to a secure, offline state and notifies IT.

Stay alert with instant threat notifications¹⁹

Thwart potential attacks by receiving instant notification of possible security issues, to take immediate action. Works with leading SIEM tools including Splunk, Arcsight, and McAfee.

Embedded HP Trusted Platform Module for another layer of protection²⁰

Safeguard information stored on the printer—keys, passwords, certificates, and more—using the embedded HP Trusted Platform Module.

Designed to make a statement

Make a statement and modernize your office with elegant designs and customizable color panels



Get out of the print room

Experience printing for the modern workplace by bringing printing closer to the people who use it. These redesigned printers and MFPS are engineered to meet the demands of today's hybrid workforce with features like scalable solutions, document management, and volume printing capabilities to keep workgroups productive. Functioning as a powerful collaboration hub, these devices make document digitization easier with fast scanning and cloud-based solutions—the ideal print solution for today's modern office.

Choose the color to suit your space

Match office décor. Modern industrial designs fit into any workspace and the option of five customizable color panels* complements your workgroups' styles.

Breakthrough serviceability

Stay in the flow of work with minimal downtime needed for maintenance and repairs. Repair and maintenance access points are labeled and designed for ease-of-use and access, while some repairs do not require tools to complete. More importantly, the serviceability of all major long-life consumable components can be completed in less than 10 minutes.²¹

*Optional color panel kits are available as accessories.

Next-generation HP Color LaserJets with TerraJet Toner Cartridges

Original HP TerraJet Toner, the next generation of toner, features efficient toner use and outstanding quality printing. Discern more printable, true-to-life colors, and sharper details in images from the innovative toner design.^{22,23}



Reduce

Responsibly designed

TerraJet Toner Cartridges have been redesigned for a lower carbon footprint during production and help enable less energy use when printing compared to the earlier generation.²⁴ They also use less metal²⁵ and plastic in the cartridge, and less plastic in the cartridge packaging.²⁶



Perform

Outstanding quality printing

Innovative toner particle design enables efficient toner use for outstanding quality printing and faster print speeds. Get vibrant, natural-looking images and sharper details^{24,25} through consistent color with printer calibrations that take less time.²⁷



Protect

Security you can trust

Tamper-resistant HP firmware reduce the risk of malicious code entering the chip.²⁸ TerraJet Toner Cartridges are certified with the ISO/IEC 20243 standard for product integrity in the supply chain.²⁹



Breakthrough supplies innovations to maximize profitability and drive predictable results

Innovative supplies technologies help reduce costs, optimize service experience, and improve efficiency.



 Two-part cartridge design for higher yields	 Cartridge Access Control limits early cartridge replacement and wasted toner	 Toner cartridge is fully depleted at end of life
 Low cost per page	 Reserve toner enables printing until cartridge replaced	 Print test pages during preflight without pulling toner dam

HP commits to engineering the most sustainable portfolio of products & solutions and driving print innovation

HP aims to create print systems that deliver maximum performance with minimal impact while helping our customers meet their sustainability goals



Reduce your carbon footprint

HP helps you reduce your footprint by reducing carbon emissions in our products, including by improving resource efficiency, promoting features to reduce energy consumption and paper waste, and offering responsible reuse and recycling.

HP launched the planet's first comprehensive carbon-neutral Managed Print Services offering in 2020.³⁰ And with CarbonNeutral® product certification, HP provides partners a mechanism to make contractual obligations carbon-neutral in accordance with the CarbonNeutral Protocol.³¹



Conserve forests

HP's goal is to be Forest Positive* by 2030—helping to give back more than what you print, through our commitment to forest conservation. Our approach to forest conservation goes beyond planting trees—involving partnerships with recognized environmental organizations, designing products and services to reduce environmental impact, and sharing tools for more responsible printing.



Support workforce well-being

HP printing systems are voluntarily designed and tested in compliance with the indoor air quality criteria of top ecolabel standards like EPEAT and Blue Angel.³⁴



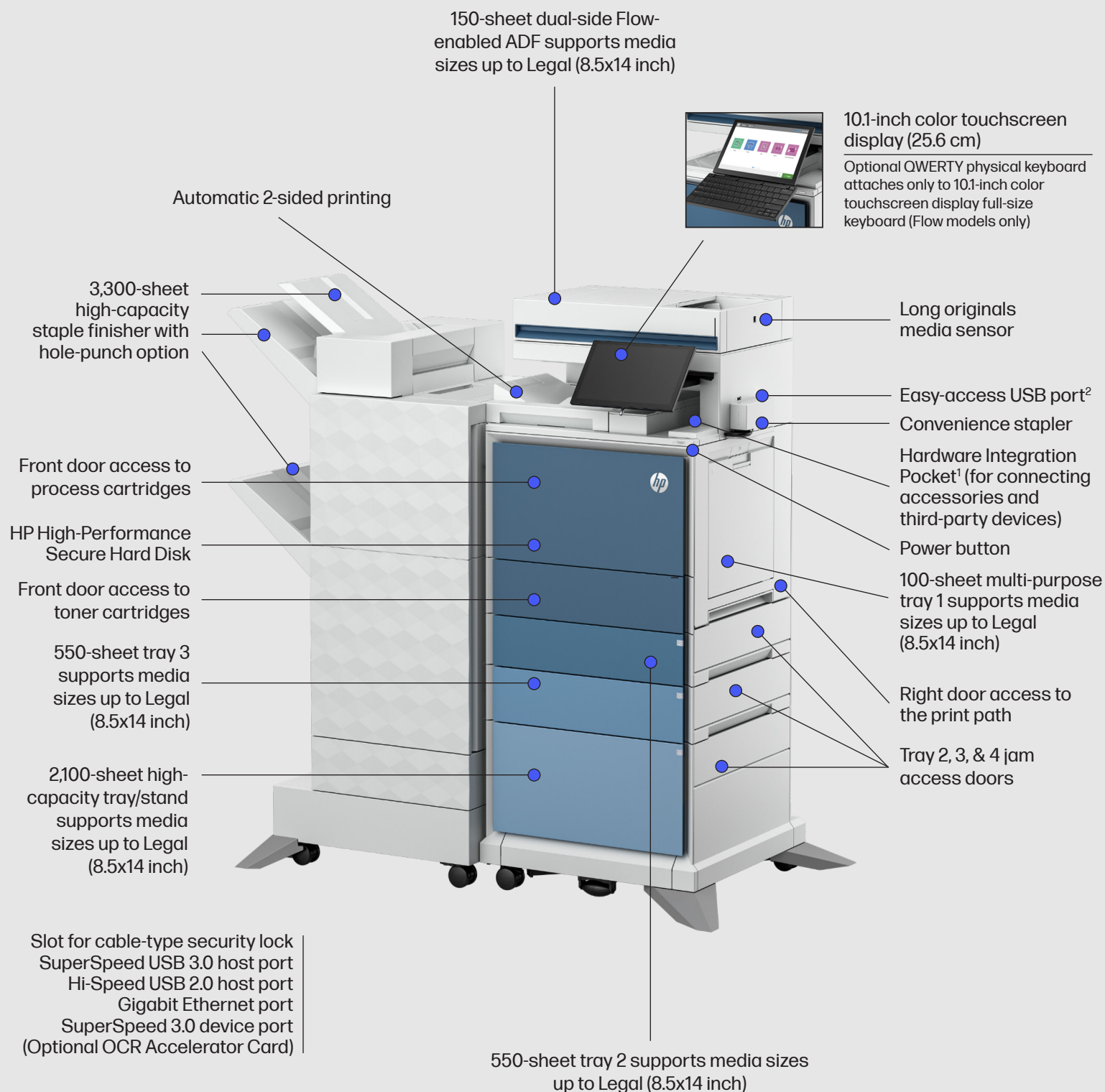
Drive a circular economy

HP commits to 75% of its total annual product and packaging content to come from recycled or renewable materials and reused products and parts by 2030.³² HP offers solutions for your used IT equipment and supplies, enabling takeback and recycling programs in over 60 countries and territories worldwide, through its Planet Partners recycling program.³³

*HP works collaboratively with our partners including WWF and Conservation International to manage, restore, and protect forests in many countries around the world. With HP, every print—regardless of paper brand—is addressed through HP's Forest Positive Framework to counteract risks of deforestation. To learn more visit hp.com/forestfirst.

Get to know the HP Color LaserJet Enterprise X677 Series

HP Color LaserJet Enterprise Flow MFP X677z+ shown



Series at a glance



Model	Enterprise MFP X677dn	Flow MFP X677zs	Flow MFP X677z+	Enterprise MFP X677s	Flow MFP X677z
Product Number	6QQ01A	6QQ02A	(6QQ03A + 632P2A)	76H08A	76H09A
Functions	Print, copy, and scan (fax and wireless optional) (all models)	Print, copy, and scan (fax and wireless optional) (all models)	Print, copy, and scan (fax and wireless optional) (all models)	Print, copy, and scan (fax and wireless optional) (all models)	Print, copy, and scan (fax and wireless optional) (all models)
Print speed (A4 and letter, black and color) ³	52/55 ppm (A4/letter), 61/65 ppm (A4/Letter) with optional speed license	52/55 ppm (A4/letter), 61/65 ppm (A4/Letter) with optional speed license	52/55 ppm (A4/letter), 61/65 ppm (A4/Letter) with optional speed license	52/55 ppm (A4/letter), 61/65 ppm (A4/Letter) with optional speed license	52/55 ppm (A4/letter), 61/65 ppm (A4/Letter) with optional speed license
Control panel	8-inch color touchscreen display	10.1-inch color touchscreen display	10.1-inch color touchscreen display	8-inch color touchscreen display	10.1-inch color touchscreen display
Scan speed ⁴	80/160 ipm (simplex/duplex)	100/200 ipm (simplex/duplex)	100/200 ipm (simplex/duplex)	80/160 ipm (simplex/duplex)	100/200 ipm (simplex/duplex)
RMPV	Up to 30,000 pages per month	Up to 30,000 pages per month	Up to 30,000 pages per month	Up to 30,000 pages per month	Up to 30,000 pages per month
Input capacity	650/3,300 (std./max.)	1,750/1,750 (std./max.)	3,300/3,300 (std./max.)	650/2,750 (std./max.)	650/2,750 (std./max.)
Output capacity (standard)	500 sheets	1,000 sheets	3,300 sheets	1,000 sheets	1,000 sheets
Processor	Quad-core 1.6 GHz	Quad-core 1.6 GHz	Quad-core 1.6 GHz	Quad-core 1.6 GHz	Quad-core 1.6 GHz
Advanced workflow features	Embedded OCR ⁵	Yes	Yes	Embedded OCR ⁵	Yes
Workpath-enabled	Yes	Yes	Yes	Yes	Yes
Extensibility	HP FutureSmart 5, OXPd	HP FutureSmart 5, OXPd	HP FutureSmart 5, OXPd	HP FutureSmart 5, OXPd	HP FutureSmart 5, OXPd

Footnotes

1. Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
2. An administrator must enable the easy-access USB port before use.
3. Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printer claims. The exact speed varies depending on the system configuration, software application, driver, and document complexity.
4. Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
5. Requires HP FutureSmart 5.8.1.1 or later.

Disclaimers and trademarks

Legal footnotes

1. HP Security is now HP Wolf Security. Security features vary by platform, please see the product data sheet for details.
2. Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. Measured using standards found at: http://standards.iso.org/ittf/PubliclyAvailableStandards/SC28_Test_Pages/.
3. Measured using ISO/IEC 24734, excludes the first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. The exact speed varies depending on the system configuration, software application, driver, and document complexity.
4. Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.
5. HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2023 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: [hp.com/go/PrintersThatProtect](http://www.hp.com/go/PrintersThatProtect). For more information, visit: <http://www.hp.com/go/printersecurityclaims>.
6. HP Web Jetadmin is available for download at no additional charge at hp.com/go/wja.
7. HP does not endorse the use of a simple signature as a legally binding digital signature in all jurisdictions; please check your local laws for enforceability of simple signatures if intending to use a simple signature as a binding signature.
8. Reverse and retry technology is only available on Flow-based models.
9. The optional physical keyboard is only available for certain SKU models.
10. OCR capabilities are only available on HP MFP SKUs.
11. For compatible Workpath apps support, additional memory of 2GB (X500 Series) or 4GB (X600 Series) DIMM is required on single-function devices only. Not all MFPs may be compatible with Workpath apps. To enable HP Workpath, some devices may require optional accessories or firmware to be upgraded. Not all apps may be available in all locations. A subscription may be required. Personalized content and integration functions apply to supported HP Workpath apps only.
12. Targeted fusing technology comes standard on the 6000/X600 series bundles and is offered as an optional service part on the 5000/X500 series.
13. Requires a service part replacement fuser to enable functionality.
14. Contact your HP or your Partner Representative to learn more about Custom Color Manager.
15. Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchases.
16. Memory Shield is available on the HP Color/Mono LaserJet Enterprise M400 series, the HP Mono/Color LaserJet E4000 series, and any future HP Enterprise LaserJet devices running FS 5.4 or later.
17. HP Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager.
18. Some features require additional purchases. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity.
19. Instant threat notifications can appear on the device control panel when a potential threat occurs from malicious intent or there is a bug or vulnerability in the firmware code of the device.
20. Use of the HP Trusted Platform Module may require a firmware upgrade.
21. Results based on testing and performance conducted by Keypoint Intelligence in April 2022. Testing and evaluation completed servicing of the 10 most common service parts identified in managed print provider service records. Results found HP Color LaserJet X500/5000 and X600/6000 series completed servicing in 10 minutes or less. The report can be found at: link to the anonymous report will be released at product launch.
22. Standard print mode for HP Color LaserJet Pro and Enterprise series with HP TerraJet Toner Cartridges compared to predecessors. See hp.com/TerraJet/colors.
23. Premium mode offers more colors compared to Standard Mode; varies between cartridge series. See hp.com/TerraJet/colors.
24. See hp.com/TerraJet/plasticreductions.
25. Metal reduction calculated per page based on cartridge weight in grams and stated yield in HP TerraJet Cartridges compared to predecessors. See hp.com/TerraJet/metalreductions.
26. Plastic reduction in cartridge and in packaging calculated based on cartridge and packaging weight compared to predecessors. See hp.com/TerraJet/plasticreductions.
27. Printer calibrations take less time in HP Color LaserJet Pro and Enterprise series with HP TerraJet Toner cartridges compared to predecessors. See hp.com/TerraJet/efficiency.
28. HP office-class printing systems are select Enterprise and Managed devices with FutureSmart firmware 4.5 and up, Pro devices, LaserJet models 200 and up, with respective Original HP Toner, PageWide and Ink Cartridges. Does not include HP integrated printhead cartridges. Digital supply-chain tracking, hardware, chips, and packaging security features vary locally by SKU. See hp.com/cartridgesecurity.
29. See ISO/IEC 20243:2018 Open Trusted Technology Provider™ Standard Certification Register: certification.opengroup.org/register/ottps-certification.
30. Based on results of third-party (WSP) research for HP of OEM MPS providers with carbon neutral offers as of June 2020. "Comprehensive" means the planet's only globally certified carbon-neutral MPS service that covers lifecycle emissions due to raw material extraction, manufacturing, transportation, use of HP printers, Original HP supplies, paper, and end of service.
31. Climate Impact Partners, The CarbonNeutral Protocol, 2023 edition, <https://carbonneutral.com/the-carbonneutral-protocol/pdf>
32. HP Sustainable Impact Report 2021 p. 67. <http://www.hp.com/sustainableimpact>.
33. Program availability varies. For details, see <http://www.hp.com/recycle>.
34. An HP printing system consists of an HP printer, paper, and Original HP supply. Blue Angel DE-UZ 205 emissions criteria or earlier versions of criteria applicable when the printing system launched.

Images of printers and accessories may differ from actual products depending on country regulations. For more information on what accessories are included please visit hp.com.

