

Product guide

# Fast speeds. Brilliant color.



HP Color LaserJet Enterprise M553 series



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# Quick, versatile, and ready for business



## HP JetAdvantage

### Business Workflow and Printing Solutions

Streamline crucial business processes and tasks, using powerful HP solutions for printing and imaging. With the latest workflow and productivity tools for efficient fleet management, you can reduce IT workload and costs, boost employee performance, and enable users to print safely—wherever business demands. Learn more at [hp.com/go/printingsolutions](http://hp.com/go/printingsolutions).

Speed and color are the perfect pair for your business. We brought them together in a printer so fast it won't keep users waiting. Because as business accelerates, efficient workgroups need solutions that make it easier to stay ahead. That's why this energy-efficient printer and Original HP Toner cartridges with JetIntelligence combine to produce vibrant, professional-quality documents right when employees need them.

## Who can benefit?

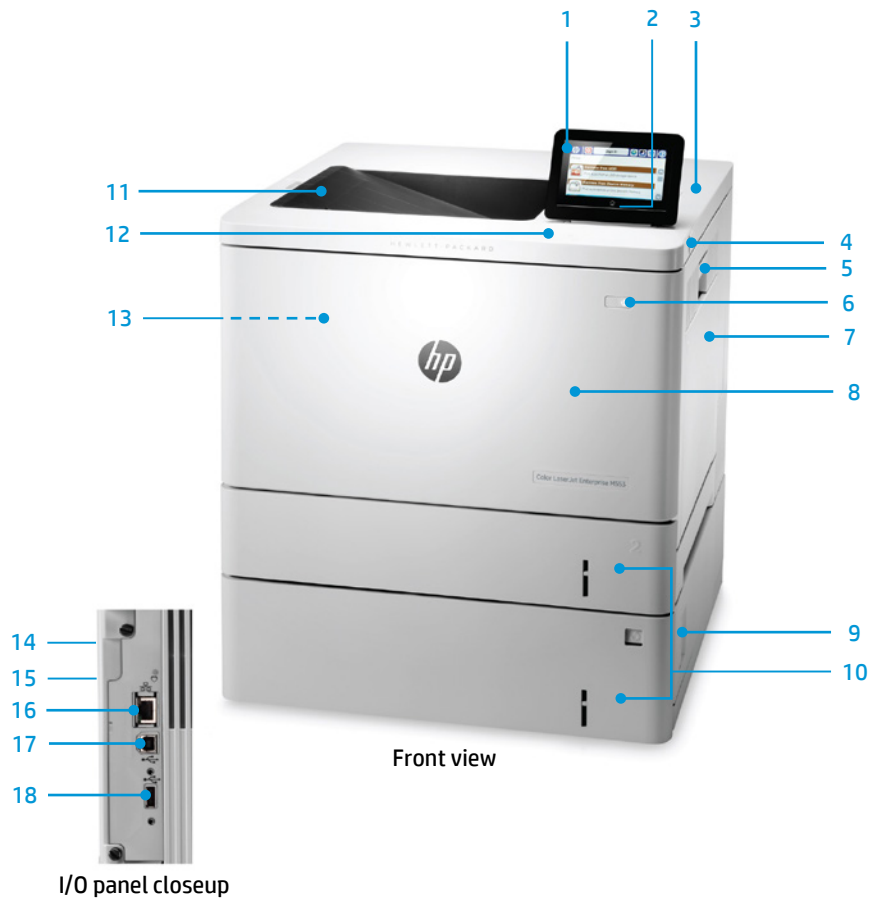
Teams of 5-15 users printing 2,000 to 6,000 pages per month can share this fast color printer, which will be right at home in your office with its small footprint. Accelerate productivity with automatic two-sided printing,<sup>1</sup> an intuitive control panel,<sup>1</sup> and easy mobile printing options. Minimize interruptions with up to 2,300-sheet input capacity and high-capacity color cartridges. Easily upgrade this enterprise printer as your organization's needs change—and use simple, central management tools to help save on IT time and budget.



# Product walk around

HP Color LaserJet Enterprise M553x shown

- 1 Intuitive 4.3-inch (10.9 cm) color VGA control panel tilts up for easier viewing
- 2 Home button (returns to home screen)
- 3 Hardware Integration Pocket (HIP) for solution integration
- 4 Easy-access USB port to print files directly<sup>2</sup>
- 5 Right door (access to fuser)
- 6 Convenient front on/off switch
- 7 100-sheet multipurpose tray
- 8 Front door access to Original HP Toner cartridges with JetIntelligence
- 9 Lower-right door (access to print path)
- 10 Two 550-sheet input trays for a 1,200-sheet total input capacity
- 11 250-sheet output bin
- 12 Built-in wireless direct<sup>3</sup>/NFC touch-to-print<sup>4</sup>
- 13 Built-in automatic two-sided printing
- 14 1 GB memory and a 1.2 GHz processor
- 15 Access port for optional Kensington-style lock
- 16 HP Jetdirect Gigabit/Fast Ethernet embedded print server
- 17 Hi-Speed USB 2.0 printing port
- 18 Hi-Speed USB 2.0 port (for connecting third-party devices)



## Series at a glance



Model	M553n	M553dn	M553x
<b>Product number</b>	B5L24A	B5L25A	B5L26A
<b>100-sheet multipurpose tray, 550-sheet input tray 2</b>	✓	✓	✓
<b>550-sheet input tray 3<sup>5</sup></b>	Optional	Optional	✓
<b>2 550-sheet input trays 4 and 5<sup>5</sup></b>	Optional	Optional	Optional
<b>Printer cabinet</b>	Optional	Optional	Optional
<b>Control panel</b>	4-line display with keypad	4-line display with keypad	4.3-inch (10.9 cm) touchscreen
<b>Hard disk drive</b>	Optional	Optional	Optional
<b>Hardware Integration Pocket (HIP)</b>	Not available	✓	✓
<b>Automatic duplexing</b>	Not available	✓	✓
<b>Wireless direct<sup>3</sup> and NFC touch-to-print<sup>4</sup></b>	Not available	Optional	✓
<b>ENERGY STAR<sup>®</sup> certified</b>	Not available	✓	✓

# Product comparison

The following table compares the new HP Color LaserJet Enterprise M553 series with the HP LaserJet Enterprise 500 color M551 series.



HP Color LaserJet Enterprise M553x	HP LaserJet Enterprise 500 color M551xh	Benefits
Up to 40 ppm print speed, letter (38 ppm, A4) <sup>6</sup> —for both simplex and duplex printing	Simplex: Up to 33 ppm, letter (32 ppm, A4) Duplex: Up to 31 images per minute (ipm), letter (29 ipm, A4)	Save time with 21% faster simplex output, letter (19%, A4) and 29% faster duplex output, letter (31%, A4)
First page out (FPO) from ready of only 6 seconds black and 7 seconds color (letter/A4) <sup>7</sup>	FPO of 11 seconds from ready (black/color, letter/A4)	Minimize time at the printer, with a 45% faster FPO from ready for black and 36% faster FPO for color
FPO from sleep as fast as 8.5 seconds <sup>7</sup>	FPO from sleep as fast as 18 seconds	Get right to work, with an up to 53% faster FPO from sleep
2,300-sheet maximum input capacity <sup>5</sup>	1,100-sheet maximum input capacity	109% higher input capacity minimizes interruptions
4.3 inch (10.9 cm) color touchscreen <sup>1</sup>	4-line graphical color display with 3 lights and 7 buttons	Improved control panel results in easier operation
High-yield cartridge options available for black toner (~12,500 pages) and color toner (~9,500 pages each for CMY) <sup>8,9</sup>	High-yield cartridge available for black toner (~11,000 pages) <sup>8</sup> Standard color cartridges (~6,000 pages each for CMY) <sup>8</sup>	High-capacity toner cartridges allow users to print more pages with less intervention
Original HP Toner cartridges with JetIntelligence	Original HP Toner cartridges	58% more professional-quality pages, <sup>10</sup> peak printing performance, and the added protection of anti-fraud technology
Wireless direct/NFC touch-to-print <sup>1,3,4</sup>	Not available	Improved efficiency and convenient mobile printing
Printer size of 18 x 18.9 x 22.9 inches (458 x 479 x 581 mm) <sup>1</sup> (width by depth by height)	Printer size of 20.2 x 19.3 x 22.2 inches (514 x 491 x 565 mm)	Conserve space with a smaller device footprint
Typical electricity consumption (TEC): 1.98 kWh/Week	TEC: 4.053 kWh/Week	Save resources with 53% less TEC and leading energy efficiency, <sup>11</sup> thanks to innovative HP technology
Quick, accurate online help <sup>12</sup>	Not available	Easy access to up-to-date troubleshooting guides from mobile devices or your PC

# Key benefits at a glance



We brought speed and color together in an energy-efficient printer so fast it won't keep users waiting.

## High-speed performance meets energy efficiency

- This printer wakes up fast and prints your first page faster—in as quickly as 8.5 seconds.<sup>7</sup>
- Speed through tasks and save paper. Produce two-sided documents as quickly as one.<sup>1,6</sup>
- This printer uses exceptionally low amounts of energy—thanks to smart media-sensing and toner technology.<sup>11</sup>
- Manage jobs and settings quickly with an intuitive control panel.
- Consistently print high-quality documents across a variety of media.
- Easily print high-volume jobs with 2,300-sheet maximum input capacity.<sup>5</sup>



## Your fleet—simple, protected, streamlined

- Centralize efficient control of your print environment with HP Web Jetadmin.<sup>13</sup> Protect sensitive business data with embedded and optional HP JetAdvantage security solutions.<sup>14</sup>
- Easily develop and deploy HP and third-party solutions.<sup>15</sup>
- Equip your printer to store and protect more large files with an optional 1 GB memory upgrade.
- Increase security and help avoid additional expenses, with HP JetAdvantage Private Print.<sup>16</sup>



## Print whenever business demands

- Enable wireless direct printing in the office—from devices such as smartphones and tablets—without accessing the company network.<sup>3</sup>
- Print with just a touch of your NFC-enabled mobile device to this printer—no network needed.<sup>4</sup>
- Easily print from a variety of mobile devices—generally no setup or apps required.<sup>17</sup>



## HP JetIntelligence: More. Pages, Performance, and Protection

- Get more pages than ever before thanks to page maximizer and print gauge technology.<sup>10</sup>
- Count on professional quality at high speeds—reformulated low-melt toner works best with your HP printer.
- Get exceptional protection with anti-fraud technology—it authenticates your cartridge as it is installed and notifies you if a used or counterfeit cartridge is installed.
- Spend less time replacing toner, with optional high-yield cartridges.<sup>9</sup>
- Speed through print jobs right out of the box, using preinstalled Original HP Toner cartridges with JetIntelligence. The toner seal is automatically removed, saving you a step.



## Less energy, more efficiency and savings

- Save energy with HP Auto-On/Auto-Off technology.<sup>18</sup> This printer is ENERGY STAR certified.<sup>19</sup>
- Support for thin media allows users to print on papers as light as 16 lb (60 g/m<sup>2</sup>).

# High-speed performance meets energy efficiency



Ensure workgroups have tools to move business forward. This efficient printer conserves energy without sacrificing productivity—so employees can speed through tasks.



## Get more done, faster, with advanced features

In addition to the standard features, the HP Color LaserJet Enterprise M553x model includes the following enhancements:

- Intuitive 4.3-inch (10.9 cm) color touchscreen
- Wireless direct printing<sup>3</sup> and NFC touch-to-print<sup>4</sup> capability
- Additional 550-sheet input tray for a standard input capacity of 1,200 sheets



### Eliminate the wait from your workday

Don't wait around for documents. This printer wakes as fast as 8.5 seconds from energy-efficient sleep mode—and works even faster from ready mode. Receive your first page in as quickly as 6 seconds.<sup>7</sup>



### Print two-sided pages as quickly as one

Speed through tasks and save paper. Print two-sided documents as quickly as one-sided<sup>1,6</sup>—up to 40 images per minute (ipm), letter (38 ipm, A4).



### Easy operation and control at a touch

Monitor jobs and settings directly at the printer using the 4-line display and keypad on the M553n and M553dn models. Or choose the M553x printer to equip employees to fly through tasks from an intuitive 4.3-inch (10.9 cm) color touchscreen with virtual keypad. Help ensure documents land in the right hands with PIN printing—available on all models.



### Walk up and print

The easy-access USB near the control panel lets you quickly complete your print job from a flash drive.<sup>2</sup> A variety of file types are supported.



### Designed to conserve

This efficient printer is designed for exceptionally low energy consumption.<sup>11</sup> Smart, media-sensing technology detects media thickness via ultrasound. Optimized fuser modes deliver only the energy needed to properly fuse the low-melt ColorSphere 3 toner to the paper.



### Top quality—on any media

Ensure the consistent, high-quality results you expect. Media-sensing technology automatically adjusts print settings across a wide variety of paper types, including plain, glossy, and thick media.

HP EasyColor detects document content and automatically adjusts to optimize quality and speed. Designed together with HP JetIntelligence Toner cartridges and HP papers, HP ImageREt 3600 produces exceptional output for your printed documents.



### Loaded for productivity

Let high-volume print jobs handle themselves. With a 2,300-sheet maximum capacity, you can spend less time loading and reloading paper.<sup>5</sup>

With the optional cabinet and stand,<sup>20</sup> users can position the printer right where it's needed while adding storage for extra paper and supplies.



# Your fleet—simple, protected, streamlined



Workgroup needs are wide-ranging. Keep them all covered effortlessly, with a full suite of advanced and innovative HP JetAdvantage solutions<sup>14</sup> that simplify fleet management and help make printing secure.



## Quick, accurate online help

Quickly troubleshoot technical issues using innovative, cloud-based help services that are relevant and up to date. Easily solve problems from your PC or mobile device.<sup>12</sup> A convenient Quick Response (QR) code on the printer's control panel links directly to specific troubleshooting pages with instructions that are easy to follow.

## Print only what you need—straight to the right hands

Increase security, restore control, and help avoid additional expenses. HP JetAdvantage Private Print,<sup>16</sup> standard on the HP Color LaserJet Enterprise M553x model, helps prevent unauthorized access to confidential print jobs and gives users the flexibility to pick up jobs at any compatible device. For more information, visit [hpietadvantage.com](http://hpietadvantage.com).



## Streamline fleet management

Centralize control of your print environment with HP Web Jetadmin,<sup>13</sup> an HP JetAdvantage Management Solution. Easily add new devices and solutions, update features, and apply corporate policies to help build business efficiency—all from one central location.

The HP Universal Print Driver (UPD) is the single driver that gives users instant access to a range of HP print devices without downloading separate drivers.<sup>21</sup> For more information, see Appendix A, “Fleet management features” on page 16.



## Keep fleet security covered

Protect sensitive business data and control device access. This HP Enterprise printer comes with more than 100 embedded settings to help safeguard your sensitive business information. Apply efficient, fleet-wide security policies to protect all your HP print devices with the optional HP Imaging and Printing Security Center (IPSC).<sup>22</sup> For details, see Appendix B, “Security features” on page 17.



## Take security to the next level

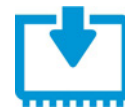
Add another layer of protection and further safeguard information in transit over the network and stored on the printer—keys, passwords, certificates and more—using the optional encrypted HP High-Performance Secure Hard Disk<sup>20</sup> and HP Trusted Platform Module.<sup>23</sup>



## Expand the capabilities of your printer

Do more with your investment. Easily develop and deploy HP and third-party solutions with the HP Open Extensibility Platform (OXp)—and give workgroups what they need to succeed. The 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.

HP's cost-effective solution for hardware upgrades—the Hardware Integration Pocket (HIP)<sup>15</sup>—allows you to integrate optional secure mobile printing or authentication solutions, such as card and badge readers, to the M553dn and M553x models.



## Work with the future in mind

HP FutureSmart Firmware lets you upgrade this printer on your schedule, whenever solutions advance. Add new features—such as workflow and security enhancements—without having to purchase new hardware. A consistent user interface and menu design across all HP FutureSmart devices—including the HP Color LaserJet Enterprise M553 series—makes the user experience intuitive and familiar. To learn more, visit [hp.com/go/futuresmart](http://hp.com/go/futuresmart).



## Upgrade your memory to store and protect large files

Equip your printer to store and protect more large files with the optional 1 GB memory upgrade.



# Print whenever business demands



Business is mobile, and so is your workforce. Help them print the documents they need on the move—whether they’re headed to the office or to a meeting—with easy printing from a range of mobile devices,<sup>17</sup> enhanced by HP JetAdvantage solutions.<sup>14</sup>

### Share on a network

The printer offers embedded 10/100/1000 Ethernet networking, and you have the option of adding secure wireless networking.<sup>24</sup> For more information, please see “Ordering information” on page 15.



### Print without wires from mobile devices

Enable wireless direct printing from anywhere in the office from smartphones, tablets, and notebook PCs.<sup>3</sup> Or, walk up and print with a touch of your NFC-enabled smartphone or tablet to this printer.<sup>4</sup> (On Android™ devices, NFC touch-to-print is enabled via the HP ePrint app.) The HP Color LaserJet Enterprise M553x comes with these features built-in, but the M553dn model can add them via an optional accessory.

There’s no need to search through a long list of devices—automatically discover the nearest printer without accessing your corporate network. Security and user access settings—like encryption and a configurable passphrase—can be easily set up with HP Web Jetadmin<sup>13</sup> or the HP Embedded Web Server.



### Print from a wide range of mobile devices

Easily print documents, emails, PDFs, and more from iPhones® and iPads® as well as smartphones and tablets running iOS, Android, Windows® 8, and Google™ Chrome™ operating systems—generally no setup or apps required.<sup>17</sup> Simply open and preview the content 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.<sup>25</sup>



### Enable mobile printing—anytime, anywhere

Even when employees are traveling, a printer can always be close at hand—with HP ePrint<sup>25</sup> and more than 30,000 HP Public Print Locations. Empower them to print virtually anywhere from a smartphone, tablet, or notebook.<sup>17</sup>

## HP JetAdvantage Mobile Print Solutions

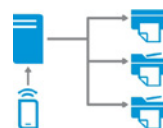
Choose the HP mobile print solution that fits your business needs.



### Wi-Fi mobile printing

Simple options for employees to print from their mobile device

- Print via the wireless network
- Or use wireless direct or NFC touch-to-print for a secure peer-to-peer connection
- Generally no apps to download
- Supported on new and existing HP devices



### HP ePrint Enterprise

HP’s enterprise solution for secure mobile printing within the firewall

- Advanced management and tracking
- Seamless integration with other solutions
- Print via app, email, or native print path
- Multi-vendor device support

Learn more at [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting)

# HP JetIntelligence: More. Pages, Performance, and Protection

Original HP Toner cartridges with JetIntelligence give your business more professional-quality pages,<sup>10</sup> peak printing performance, and the added protection of anti-fraud technology—something the competition can't match.



Original HP toner cartridge with JetIntelligence

### More pages—and more value—than ever<sup>10</sup>

Be confident you're getting the most out of every cartridge you buy. HP JetIntelligence Toner cartridges deliver 58% more pages<sup>10</sup> than ever before with page maximizer technology. Consistently predict toner levels with print gauge technology.<sup>26</sup>

### Print at top speeds without sacrificing quality

Produce even more of the top-quality documents you expect from HP,<sup>10</sup> at speeds your printer was built to achieve. ColorSphere 3 toner is precisely tuned to work best with the M553 series.

### Protect your investment

Built in to every Original HP Toner cartridge with JetIntelligence, HP's exclusive anti-fraud technology protects you from potential counterfeit cartridges by authenticating the cartridge as it is installed and notifying you if a used or counterfeit cartridge is installed.

### High yield, low intervention

Spend less time replacing toner, and more on business. Choose high-yield toner cartridges—now in color.<sup>9</sup>

### Ready to work, right away

Speed through print jobs right out of the box. The M553 series is shipped with preinstalled, specially designed Original HP Toner cartridges with JetIntelligence. And replacing cartridges just got easier with auto seal removal—you can get right to printing without delay.

## More pages

Original HP Toner cartridges with JetIntelligence are re-engineered for higher ISO yields<sup>10</sup> and more dependable toner level status.<sup>26</sup>



Page maximizer technology

- More pages per cartridge than previous generations of HP toner cartridges<sup>10</sup>
- Smaller, more robust parts<sup>28</sup>
- Less cartridge wear<sup>28</sup>



Print gauge technology

- More dependable gauges<sup>26</sup> to ensure you get the most prints possible from your cartridges

## More performance

Reformulated toner for a low melt point and hard shell that supports more pages<sup>10</sup> in a smaller, faster device that uses less energy to print a page.<sup>27</sup>



ColorSphere 3 toner

- Low melt core = faster print speed and HP legendary quality
- Hard shell = durable toner for higher yields

## More protection

Get the authentic HP quality you paid for and avoid potential problems. Help manage your business costs and maintain quality standards across your fleet.



Anti-fraud technology

- Your HP LaserJet printer or MFP helps you identify the difference between Genuine HP and used or counterfeit cartridges as soon as they are installed
- Support policies you set for your printing fleet



Auto seal removal

- Skip a step—the toner seal is automatically removed for you
- Get right to printing without delays

## Less energy, more efficiency and savings



Shrink your energy use while helping your company save money. This HP Color LaserJet Enterprise printer is designed for low energy consumption. Keep the printing process efficient and produce less waste.



### Use only the resources you need

This efficient printer is designed for exceptionally low energy consumption.<sup>11</sup> With its intelligent design, this printer can help you meet your energy goals, without sacrificing performance:

- HP Auto-On/Auto-Off Technology turns your printer on when you need it and off when you don't.<sup>18</sup>
- With Instant-on Technology, the fuser warms rapidly and cools quickly, helping you conserve energy.<sup>29</sup>
- Media-sensing technology detects paper type and automatically adjusts print settings. The fuser uses less energy to print on thinner papers.
- Support for thin media allows users to print on papers as light as 16 lb (60 g/m<sup>2</sup>). Help save your business time and money with lightweight HP EcoFFICIENT paper. Refill trays less often, minimize waste, and save energy.
- Automatic two-sided printing<sup>1</sup> can result in up to 50% paper savings. Use HP Web Jetadmin<sup>13</sup> and HP UPD<sup>21</sup> to set two-sided printing as the default for one device or an entire fleet.



### Work and print more efficiently

In addition to this printer's energy-saving features, the HP Color LaserJet Enterprise, M553dn and M553x models are certified to the U.S. Environmental Protection Agency's ENERGY STAR specifications. Additional information is listed at: [hp.com/go/energystar](http://hp.com/go/energystar).



### Reduce your impact—recycle HP cartridges

HP helps you recycle your Original HP cartridges—it's easy and convenient with the HP Planet Partners program, available in more than 50 countries and territories around the world.<sup>30</sup>

No Original HP cartridges returned through HP Planet Partners are ever sent to a landfill. For more information, visit [hp.com/recycle](http://hp.com/recycle).

# Technical specifications

	HP Color LaserJet Enterprise M553n	HP Color LaserJet Enterprise M553dn	HP Color LaserJet Enterprise M553x
<b>Product number</b>	B5L24A	B5L25A	B5L26A
<b>Control panel</b>	4-line color LCD; 19 buttons (Cancel job, Up and Down arrow, Select, Back, home, 12-key and help); 3 LED indicator lights (Attention, Ready, Busy)		4.3-in (10.9 cm) touchscreen with color graphics
<b>Print speed (black/color)<sup>6</sup></b>	Up to 40 ppm, letter (38 ppm, A4)		
	Duplex: up to 40 ipm, letter (38 ipm, A4)		
<b>First page out<sup>7</sup></b>	From ready (letter/A4): as fast as 6 seconds, black, and 7 seconds, color From sleep (letter): as fast as 8.5 seconds, black, and 9 seconds, color; From sleep (A4): as fast as 9 seconds, black and color		
<b>Print resolution</b>	HP ImageREt 3600 (Best); <sup>31</sup> Up to 1200 x 1200 dpi (Fine Lines); PANTONE© calibrated		
<b>Printer advanced features</b>	Open Extensibility Platform, FutureSmart Firmware, easy-access USB <sup>2</sup> (supported file formats: PDF, PS, Print Ready files (.prn)), Automatic Media Type Sensor Technology, Advanced Toner Coverage Notification, HP JetIntelligence cartridges		
	Plus: HIP		
<b>Processor</b>	1.2 GHz		
<b>Memory</b>	1 GB (expandable to 2 GB through 1 GB 90-pin DDR3 DIMM)		
<b>Storage</b>	Standard: 4GB non-volatile storage, firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data, Secure Erase – Disk Optional: HP High-Performance Secure Hard Disk, minimum 500 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase – Temporary Job Files, Secure Erase – Job Data, Secure ATA Erase – Disk)		
<b>Durability ratings</b>	Recommended monthly page volume (RMPV): <sup>32</sup> 2,000 pages to as high as 6,000 pages; Duty cycle: <sup>33</sup> Up to 80,000 pages (letter/A4)		
<b>Media specifications</b>			
Input capacity	Paper capacity: up to 650 sheets standard, up to 2,300 sheets maximum (with up to 3 optional 550-sheet trays) Tray 1: up to 100 sheets Tray 2: up to 550 sheets		Paper capacity: up to 1,200 sheets standard, up to 2,300 sheets maximum (with up to 2 optional 550-sheet trays) Tray 1: up to 100 sheets Trays 2, 3: up to 550 sheets each
Output capacity	Up to 250 sheets		
Two-sided printing	Manual	Automatic	Automatic
Media sizes	Tray 1: letter, legal, oficio, executive, statement, 4 x 6 in, 3 x 5 in, 5 x 7 in, 5 x 8 in, postcard (JIS), double postcard (JIS), 8.5 x 13, envelope (commercial No. 9, No. 10, Monarch); A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K, envelopes (B5, C5 ISO, C6, DL ISO); Custom media sizes: 3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm) Tray 2: letter, executive, statement, 4 x 6 in, 5 x 7 in, 5 x 8 in, double postcard (JIS); A4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K; Custom media sizes: 4.0 x 5.85 to 8.5 x 11.69 in (102 x 148 to 216 x 297 mm) Optional trays 3, 4, and 5 <sup>1</sup> : letter, legal, oficio, executive, 8.5 x 13 in; A4, RA4, A5, B5 (JIS), 16K; Custom media sizes: 4.0 x 5.85 to 8.5 x 14 in (102 x 148 to 216 x 356 mm)		
	Duplex: letter, legal, oficio, executive; A4, A5, B5 (JIS)		
Media weights	Trays 1, 2 and optional trays 3, 4, and 5 <sup>1</sup> : 16 to 58 lb (60 to 220 g/m <sup>2</sup> ) for plain paper, 28 to 58 lb (105 to 220 g/m <sup>2</sup> ) for glossy paper		
	Duplex: 16 to 58 lb (60 to 220 g/m <sup>2</sup> )		
Media types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy) color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined		
<b>Print languages</b>	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)		
<b>Fonts</b>	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol 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 <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a>		

	HP Color LaserJet Enterprise M553n	HP Color LaserJet Enterprise M553dn	HP Color LaserJet Enterprise M553x
<b>Connectivity</b>	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000Base-TX Optional: 2 internal USB ports		
<b>Mobile printing</b>	HP ePrint, <sup>25</sup> Apple AirPrint, <sup>34</sup> Mopria-certified <sup>35</sup>	HP ePrint, <sup>25</sup> Apple AirPrint, <sup>34</sup> Mopria-certified; <sup>35</sup> Optional: Wireless direct printing, <sup>3</sup> NFC touch-to-print <sup>4</sup>	Wireless direct printing, <sup>3</sup> NFC touch-to-print, <sup>4</sup> HP ePrint, <sup>25</sup> Apple AirPrint, <sup>34</sup> Mopria-certified <sup>35</sup>
<b>Network capabilities</b>	Standard: Via HP Jetdirect Ethernet embedded print server which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Gigabit/Fast Ethernet; IPsec Optional: 802.11b/g/n wireless networking enabled with purchase of accessory <sup>24</sup>		
<b>Network protocols</b>	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall IPv6: DHCPv6, MLDv1, ICMPv6 IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Other: NetWare NDS, Bindery, NDPS, ePrint		
<b>Security</b>	Identity Management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and third-party advanced authentication solutions (e.g., badge readers) Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug in, 802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List Data: Storage Encryption, Secure Erase, SSL/TLS, Encrypted Credentials Device: Security lock slot, USB port disablement, Hardware Integration Pocket for security solutions <sup>15</sup> Security Management: Compatible with HP Imaging and Printing Security Center <sup>22</sup>		
<b>Printer management</b>	Windows: Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP Imaging and Printing Security Center <sup>22</sup> Mac: HP Utility		
<b>Compatible operating systems<sup>36</sup></b>	Windows OS compatible with In-Box Driver: Windows® XP SP3 all 32-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32- and 64-bit editions, Windows 8/8.1 all 32- and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- and 64-bit editions (excluding RT OS for Tablets) Windows OS compatible with Universal Print Driver (from <a href="http://hp.com">hp.com</a> ): Windows XP SP3 32- and 64-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32- and 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32- and 64-bit editions, Windows 8/8.1 all 32- and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- and 64-bit editions (excluding RT OS for Tablets) Mac OS (HP Print Drivers available from <a href="http://hp.com">hp.com</a> and Apple Store): OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite Mobile OS (In-OS drivers): iOS, Android, Windows 8/8.1/10 RT Linux OS (In-OS HPLIP): SUSE Linux (12.2, 12.3, 13.1), Fedora (17, 18, 19, 20), Linux Mint (13, 14, 15, 16, 17), Boss (3.0, 5.0), Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10), Debian (6.0.x, 7.x) Other OS: UNIX		
<b>System requirements, PC</b>	A compatible OS (see above); CD-ROM or DVD drive, or Internet connection; Dedicated USB or network connection or wireless connection; 200 MB available hard disk space; OS compatible hardware (for OS hardware requirements see <a href="http://microsoft.com">microsoft.com</a> )		
<b>System requirements, Mac</b>	A compatible operating system (see above), Internet, USB, 1 GB available hard disk space (for operating system compatible hardware requirements see <a href="http://apple.com">apple.com</a> )		
<b>Dimensions (width x depth x height)</b>	Minimum (all trays closed): 18 x 18.9 x 15.7 in (458 x 479 x 399 mm) Maximum: 27.5 x 18.9 x 15.7 in (699 x 479 x 399 mm)		Minimum (all trays closed): 18 x 18.9 x 22.9 in (458 x 479 x 581 mm) Maximum: 27.5 x 18.9 x 22.9 in (699 x 479 x 581 mm)
<b>Weight (with cartridges)</b>	59.5 lb (27 kg)	60.6 lb (27.5 kg)	73.6 lb (33.4 kg)
<b>What's in the box</b>	Printer, four preinstalled Original HP Toner cartridges with JetIntelligence (yield ~6,000 pages black and ~5,000 pages color <sup>8</sup> ), toner collection unit, in-box documentation, software CD, power cord, 100-sheet multipurpose tray 1, 550-sheet input tray 2		
		Plus: Built-in HIP and automatic duplexer	Plus: 550-sheet input tray 3, built-in HIP, automatic duplexer, wireless direct <sup>3</sup> and NFC touch-to-print <sup>4</sup>

	HP Color LaserJet Enterprise M553n	HP Color LaserJet Enterprise M553dn	HP Color LaserJet Enterprise M553x
<b>Software included</b>	Windows: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals Mac: Welcome Screen (directs users to <a href="http://hp.com">hp.com</a> or OS App Store for LaserJet Software)		
<b>Downloadable software</b>	From <a href="http://123.hp.com">123.hp.com</a> : HP Easy Start (guided software install for Windows and Mac) From <a href="http://hp.com">hp.com</a> (Windows): Full-solution software and drivers (same solution as "Software Included"), HP PLC6 print driver only (no installer; for "Add Printer" installs), HP PCL 6 print driver with installer, Product Documentation and Support From <a href="http://hp.com">hp.com</a> (Mac): Full-solution software and drivers For Mobile OS: See "HP Mobile Printing" at <a href="http://hp.com/us/en/ads/mobility/overview.html">hp.com/us/en/ads/mobility/overview.html</a> From In-OS app stores: HP recommended printer drivers and software From <a href="http://hp.com">hp.com</a> (for printer administrators): Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator), HP Universal Print Drivers (PCL 6, PCL 5 and PS for Windows), HP ePrint Software (ePrint Mobile Driver for Windows), Linux/Unix Print Drivers, SAP (PCL 5 and PS Print Drivers), HP Web Jetadmin Software, HP Proxy Agent Software, HP Imaging and Printing Security Center <sup>22</sup>		
<b>Warranty</b>	HP one-year onsite warranty backed by HP Customer Care with 24 x 7 web support and business hour phone support		
<b>HP SureSupply supported</b>	HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit <a href="http://hp.com/go/SureSupply">hp.com/go/SureSupply</a> .		

## Environmental and power specifications

	HP Color LaserJet Enterprise M553n	HP Color LaserJet Enterprise M553dn	HP Color LaserJet Enterprise M553x
<b>Environmental ranges</b>			
Temperatures	Operating: 59 to 81° F (15 to 30° C); Storage: 32 to 95° F (0 to 35° C); Recommended: 62 to 77° F (17 to 25° C)		
Relative humidity range	Operating: 10 to 80% RH; Non-operating: 10 to 90% RH; Recommended: 30 to 70% RH		
<b>Acoustic power emissions<sup>37</sup></b>	Ready mode: 4.7 B(A); Active printing: 6.5 B(A)		
<b>Acoustic pressure emissions (bystander)</b>	Ready mode: 32 dB(A); Active printing: 51 dB(A)		
<b>Power specifications<sup>38</sup></b>	ENERGY STAR certified, Blue Angel, CECP, EPEAT Silver <sup>19</sup>		
Power supply required	110-volt input voltage: 100 to 127 VAC, 60 Hz; 220-volt input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, product varies by part number with # Option code identifier)		
Power consumption	624 watts (Active Printing), 33.6 watts (Ready), 3.95 watts (Sleep), 1 watt (auto-off/wake on LAN), 0.1 watts (auto-off/manual on), 0.1 watts (Off)		
Typical Electricity Consumption (TEC)	1.98 kWh/week		
Energy-saving features	HP Auto-On/Auto-Off Technology, <sup>18</sup> Instant-on Technology <sup>29</sup>		
<b>Environmental specifications</b>	Mercury free		
<b>Safety and regulatory compliance</b>	IEC 60950-1:2005 +A1:2009 +A2:2013, EN 60950-1:2006 +A1:2010 +A11:2009 +A12:2011 +A2:2013, EN 60825-1:2007 / IEC 60825-1:2007 (Class 1 Laser Product), EN 62479:2010 / IEC 62479:2010		
<b>Electromagnetic emission standard</b>	CISPR 22:2008 Class A, EN 55022:2010 Class A, FCC CFR 47 Part 15 Class A, ICES-003, Issue 5 Class A, EN 55024:2010, EN 61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008		

# 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](http://hp.com). To contact HP by country, please visit [hp.com/country/us/en/cs/contact-hp/contact.html](http://hp.com/country/us/en/cs/contact-hp/contact.html).

If you don't have access to the Internet, contact your qualified HP dealer, or call HP (U.S.) at (800) 282-6672.

<b>Product</b>	HP Color LaserJet Enterprise M553n	B5L24A
	HP Color LaserJet Enterprise M553dn	B5L25A
	HP Color LaserJet Enterprise M553x	B5L26A
<b>Supplies</b>	HP 508A Black Original LaserJet Toner Cartridge (~6,000 pages <sup>8</sup> )	CF360A
	HP 508X High Yield Black Original LaserJet Toner Cartridge (~12,500 pages <sup>8</sup> )	CF360X
	HP 508A Cyan Original LaserJet Toner Cartridge (~5,000 pages <sup>8</sup> )	CF361A
	HP 508X High Yield Cyan Original LaserJet Toner Cartridge (~9,500 pages <sup>8</sup> )	CF361X
	HP 508A Yellow Original LaserJet Toner Cartridge (~5,000 pages <sup>8</sup> )	CF362A
	HP 508X High Yield Yellow Original LaserJet Toner Cartridge (~9,500 pages <sup>8</sup> )	CF362X
	HP 508A Magenta Original LaserJet Toner Cartridge (~5,000 pages <sup>8</sup> )	CF363A
	HP 508X High Yield Magenta Original LaserJet Toner Cartridge (~9,500 pages <sup>8</sup> )	CF363X
	HP LaserJet 110v Fuser Kit	B5L35A
	HP LaserJet 220v Fuser Kit	B5L36A
HP Color LaserJet Toner Collection Unit	B5L37A	
<b>Accessories</b>	HP Color LaserJet 550-sheet Media Tray	B5L34A
	HP Color LaserJet Printer Cabinet <sup>20</sup>	B5L51A
	HP Jetdirect 3000w NFC/Wireless Accessory <sup>3,4</sup>	J8030A
	HP Jetdirect 2900nw Print Server <sup>24</sup>	J8031A
	HP Trusted Platform Module Accessory <sup>23</sup>	F5562A
	HP Internal USB Ports <sup>20</sup>	B5L28A
	HP Secure High Performance Hard Disk Drive <sup>20</sup>	B5L29A
1 GB 90-pin DDR3 DIMM <sup>20</sup>	G6W84A	
<b>HP Care Pack Services</b>	Make sure your imaging and printing investments are protected with HP Care Pack Services. Pick your package of services to keep your devices running and your business moving. Now your office can spend less time trouble-shooting and more time getting things done. <sup>39</sup>	
	HP 3 year Next Business Day + Defective Media Retention Color LaserJet M553 Hardware Support	U8CG3E
	HP 4 year Next Business Day + Defective Media Retention Color LaserJet M553 Support	U8CH0E
	HP 5 year Next Business Day + Defective Media Retention Color LaserJet M553 Support	U8CH1E
	HP 1 year Post Warranty Next Business Day + Defective Media Retention Color LaserJet M553 Hardware Support	U8CJ4PE
	HP 3 year 4 hour 9x5 + Defective Media Retention Color LaserJet M553 Hardware Support	U8CG4E
	Installation for 1 Network Configuration for Dept and Color LaserJet printer	H2872E
<b>Paper</b>	North America: <a href="http://hp.com/go/paper">hp.com/go/paper</a>	
<b>Solutions</b>	HP Web Jetadmin: <a href="http://hp.com/go/wja">hp.com/go/wja</a>	
	HP Universal Print Driver: <a href="http://hp.com/go/upd">hp.com/go/upd</a>	
	HP Imaging and Printing Security Center <sup>22</sup> : <a href="http://hp.com/go/ipsc">hp.com/go/ipsc</a>	
	HP LaserJet Fonts, Barcodes, and IPDS Emulation available at <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a> To learn more about available infrastructure, management, and workflow solutions, visit <a href="http://hp.com/go/qsc">hp.com/go/qsc</a>	



# Appendix A: Fleet management features

## Resources

HP Web Jetadmin:

- Web site: [hp.com/go/wia](http://hp.com/go/wia)
- Solution brief: <http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-2718ENW.pdf>
- Video: <http://h20621.www2.hp.com/video-gallery/us/en/sss/35D707B5-B7B3-4A67-B4E0-2DE6C423AEA7/r/video/>

HP Universal Print Driver:

- Web site: [hp.com/go/upd](http://hp.com/go/upd)
- Solution brief: <http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA2-4781ENW>



## Simple one-to-one device management

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

## Control color access

Use HP Web Jetadmin<sup>13</sup> and the HP Universal Print Driver<sup>21</sup> to assign color access by user, time of day, or application, or disallow color output completely until it's needed for special projects. People who truly need to leverage the power of color—such as your sales team and marketing department—can, while others automatically default to black-and-white output.<sup>40</sup>

## Efficiently manage from a central location

The HP Color LaserJet Enterprise M553 printer series is supported by HP Web Jetadmin,<sup>13</sup> an HP JetAdvantage Management Solution. This single solution allows you to efficiently manage a wide variety of networked and PC-connected devices, including printers, multifunction products, and scanners. 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. Easily integrate new HP LaserJet Pro and Enterprise devices without having to upgrade HP Web Jetadmin. A universal plug-in lets you support most features of new devices and apply corporate policies in one step—helping to save time and simplify device management.<sup>13</sup>

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 organizations 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 organization, 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—or to download this free software tool—visit [hp.com/go/wia](http://hp.com/go/wia).

## Make it easy for all to print with one common driver

The HP Universal Print Driver 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.<sup>21</sup>

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.<sup>13</sup>

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](http://hp.com/go/upd).

# Appendix B: Security features

## Resources

HP JetAdvantage Security Solutions:

- Web site: [hp.com/go/secureprinting](http://hp.com/go/secureprinting)
- Solution brief: <http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-1295ENW.pdf>
- Video: <http://h20621.www2.hp.com/video-gallery/us/en/products/D00D8A0C-D648-486E-9642-D720EDCF647F/r/video/>

HP Imaging and Printing Security Center<sup>22</sup>:

- Web site: [hp.com/go/ipsc](http://hp.com/go/ipsc)
- Brochure: <http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-9275ENW.pdf>
- Video: <http://h20621.www2.hp.com/video-gallery/us/en/70C04F4A-5517-43FD-824C-D836765A943C/r/video/>

## Protect your business information

The HP Color LaserJet Enterprise M553 printer series has a multitude of options to help you secure your environment. You can count on support for a number of solutions, along with built-in and optional security features such as PIN printing and an optional HP High-Performance Secure Hard Disk.<sup>14,20</sup>

### Protect your printer

As capabilities expand and devices become more integrated into your work, device security becomes increasingly important. These features help protect the M553 series:

- **Code signing:** Firmware signed by HP ensures that the firmware was produced by HP (authenticity) and that the firmware has not been altered in any way (integrity).
- **Firewall:** The built-in device network firewall allows or denies access to specific TCP/UDP ports and services.
- **Physical port disablement:** Host USB ports, network ports, and other physical ports can be disabled to prevent unauthorized use.
- **CA & Device Identity Certificates:** This printer supports identity certificates signed by a corporate certificate authority, which provides verification of identity and authenticity. This printer also supports CA certificates for validation of identity certificates. Certificates can enable secure end-to-end communications with the device when used with features like IPsec, Secure-IPP, ePrint, and more. Additional certificates can be stored for validating S/MIME e-mail servers and 802.1x authentication.
- **Authentication and authorization:** Authentication can help your organization 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, LDAP authentication, and user PIN authentication that integrates with your existing infrastructure.
  - **Role-based device authentication and authorization 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, you can enable advanced authentication using proximity cards. The Hardware Integration Pocket on the control panel enables integration of select card readers.<sup>15</sup>
- **Physical device protection:** Both the device and the optional HP High-Performance Secure Hard Disk<sup>20</sup> can be physically secured from theft and tampering using a lock that requires a physical key for removal (this accessory must be purchased separately).
- **Common Criteria Certification (CCC):** CCC is a security certification recognized in 26 countries worldwide. HP certifies the security functionality of its Enterprise LaserJet MFPs and printers to align with the IEEE 2600 imaging and printing security standard.

### 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.

Help protect data at rest with the following features:

- **Storage encryption:** Defend your data. The HP High-Performance Secure Hard Disk<sup>20</sup> is offered as an optional feature on the M553 series and provides 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.
- **Secure keys, credentials, and certificates:** For an extra level of security, the optional HP Trusted Platform Module (TPM) accessory can be added to the device to strengthen protection of encrypted credentials and data by automatically sealing device encryption keys to the TPM, and it provides secure device identity by generating and protecting certificate private keys.<sup>23</sup>

Protect data in transit with these features:

- **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.
- **CipherSuite Encryption Strength:** Encryption strength can be selected to prevent the use of legacy or insecure protocols for data in transit.
- **FIPS-140 Mode:** Ensures device uses available FIPS-140 validated cryptographic modules for TLS encryption, SNMPv3 signing and encryption, and signed certificates.
- **Secure Encrypted Print with HP UPD 5.3.1 or later:** For added security, choose end-to-end Secure Encrypted Print. HP UPD<sup>21</sup> 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.
- **Management safeguards:** Device management data that travels over the network between the device and HP Web Jetadmin<sup>13</sup> and other management tools can also be protected using SNMPv3. HTTPS (HTTP over SSL/TLS) can be enforced so all connections to the device Embedded Web Server administration interface are securely encrypted.
- **Secure Mobile Print:** HP offers multiple options for secure mobile printing. For more information, see “Print whenever business demands” on page 9.

### 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. Pull printing solutions help protect sensitive data by requiring authentication at the device, and they give users the flexibility of pulling the documents from any device that is enabled with the solution.
  - **HP JetAdvantage Private Print:** With HP’s cloud-based Private Print you get the advantages of Private Print, without the complexity. It comes bundled with HP devices and is simple to set up. It does not require a server, installation, or maintenance. For more information, visit [hpjetadvantage.com](http://hpjetadvantage.com).<sup>16</sup>
  - **HP Access Control Pull Print:** This optional robust server-based solution offers multiple forms of authentication including badge release, as well as enterprise level security, management, and scalability.
- **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.

## Easily manage security across the fleet

### HP Imaging and Printing Security Center

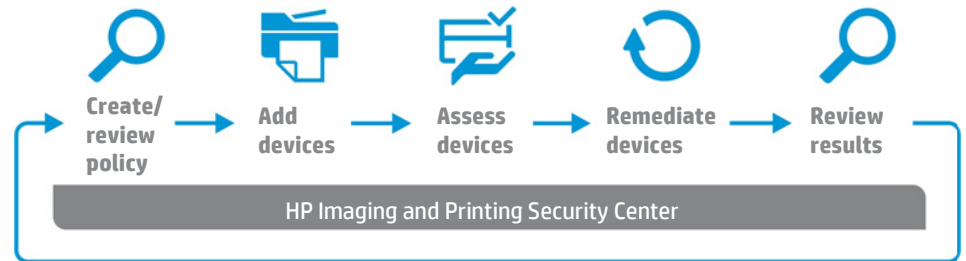
Apply efficient, fleet-wide security policies to protect all your HP print devices with optional HP Imaging and Printing Security Center (IPSC).<sup>22</sup>

- Streamline the process to securely deploy and monitor devices by applying a single security policy across the fleet.
- Easily create a print security policy for your environment by leveraging the HP IPSC Base Policy template.
- Secure new HP devices as soon as they are added to your network with HP Instant-on Security. The software automatically configures settings to comply with your corporate security policy.
- Improve the security of your infrastructure and device communications by deploying unique identity certificates across your fleet and continuously monitoring to ensure they remain valid with HP IPSC's efficient fleet management of certificates. The administrative overhead to install unique identity certificates across your fleet of HP devices is now less than manually installing on a single device.
- Actively maintain and verify compliance with your defined security policies by using HP IPSC automated monitoring and risk-based reporting.



### Rely on “the industry’s first policy-based imaging and printing compliance solution”

Safeguard your fleet of HP devices with the solution Buyers Lab, LLC calls trailblazing—HP Imaging and Printing Security Center<sup>41</sup>



To learn more about HP Imaging and Printing Security Center or to obtain a free trial, please visit [hp.com/go/ipsc](http://hp.com/go/ipsc).

## 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 on HP security solutions and checklists, please visit [hp.com/go/secureprinting](http://hp.com/go/secureprinting).

## Notes

<sup>1</sup> Standard and optional features vary by model. Please see "Series at a glance" on page 4 for more information.

<sup>2</sup> An administrator must enable the easy-access USB port before use.

<sup>3</sup> Wireless direct printing is standard on the HP Color LaserJet Enterprise M553x only. Requires purchase of optional HP Jetdirect 3000w NFC/wireless accessory, available fall 2015, for the M553dn model. It is not available for the M553n model. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting).

<sup>4</sup> Touch-to-print capability is standard on the HP Color LaserJet Enterprise M553x only. Requires purchase of optional HP Jetdirect 3000w NFC/wireless accessory, available fall 2015, for the M553dn model. It is not available for the M553n model. Mobile device must support near-field communications (NFC)-enabled printing. For more information, see [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting).

<sup>5</sup> Purchase of optional paper trays required to reach maximum input capacity.

<sup>6</sup> Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>7</sup> Measured using ISO/IEC 17629. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>8</sup> Declared yield value in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details on ISO yields, see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies).

<sup>9</sup> High-yield Original HP 508X LaserJet toner cartridges not included; please purchase separately.

<sup>10</sup> Based on cartridge yields for HP 507A compared with HP 508X Original HP toner cartridges. For more information, see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies).

<sup>11</sup> Based on HP testing using the ENERGY STAR program's Typical Electricity Consumption (TEC) method or as reported in [energystar.gov](http://energystar.gov) vs. competitive single-function color laser printers with print speeds between 31 and 44 ppm as of November 2014. Actual results may vary.

<sup>12</sup> Online help must be enabled on the printer. Mobile device must have an Internet connection to access online services.

<sup>13</sup> HP Web Jetadmin is free and available for download at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin). Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher.

<sup>14</sup> Some solutions require download or additional purchase. Learn more at [hp.com/go/printingsolutions](http://hp.com/go/printingsolutions).

<sup>15</sup> Solutions deployed through the Hardware Integration Pocket may require additional purchase. The HIP is not available on the HP Color LaserJet Enterprise M553n.

<sup>16</sup> Standard only on the HP LaserJet Enterprise M553x. HP JetAdvantage Private Print is available only in North America and select European countries on many HP printers and MFPs. Feature is available at no charge and requires the printer be connected to the Internet with web services enabled. Card reader is available for separate purchase for selected HP devices with touchscreens. For more information and device compatibility details, see [hpjetadvantage.com](http://hpjetadvantage.com).

<sup>17</sup> Local printing requires mobile device and printer be on the same network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. 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](http://hp.com/go/mobileprinting) for more details. Some features require purchase of an optional accessory, available fall 2015.

<sup>18</sup> HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.

<sup>19</sup> Environmental certifications do not apply to the HP Color LaserJet Enterprise M553n printer.

<sup>20</sup> The encrypted hard disk drive, HP internal USB ports, 1 GB 90-pin DDR3 DIMM, and cabinet stand require additional purchases.

<sup>21</sup> The HP Universal Print Driver is free and available for download at [hp.com/go/upd](http://hp.com/go/upd).

<sup>22</sup> HP Imaging and Printing Security Center must be purchased separately. To learn more or to obtain a free trial, please visit [hp.com/go/ipscc](http://hp.com/go/ipscc). IPSC Certificate Management support available August 2015.

<sup>23</sup> Use of the optional HP Trusted Platform Module accessory may require a firmware upgrade.

<sup>24</sup> Requires purchase of an optional accessory, available fall 2015.

<sup>25</sup> Requires an Internet connection to an HP web-enabled printer and HP ePrint account registration. For a list of eligible printers, supported documents and image types, and other HP ePrint details, see [hpconnected.com](http://hpconnected.com). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.

<sup>26</sup> As compared with cartridge gauges for predecessor products.

<sup>27</sup> As compared with previous generation of HP LaserJet printers.

<sup>28</sup> As compared with previous generation of HP LaserJet toner cartridges.

<sup>29</sup> Compared with products that use traditional fusing.

<sup>30</sup> Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit [hp.com/recycle](http://hp.com/recycle).

<sup>31</sup> 600 x 600 dpi x 8 bit default engine resolution with Image RET 3600 Enhancement Technology.

<sup>32</sup> 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.

<sup>33</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

<sup>34</sup> Supports the following devices running iOS 4.2 or later: iPad, iPad 2, iPhone (3GS or later), 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 iOS device. Wireless performance is dependent on physical environment and distance from the access point.

<sup>35</sup> Mopria-certified HP printer and mobile device must be connected to the same wireless network or have a direct wireless connection. Performance is dependent on physical environment and distance from the wireless access point. Wireless operations are compatible with 2.4 GHz routers only.

<sup>36</sup> For Windows XP x64 Edition Service Pack 1, Windows XP Starter Edition, and Windows Vista Starter Edition, only the printer driver, scanner driver, and the Toolbox are available.

<sup>37</sup> Acoustic values are subject to change. For current information see [hp.com/support](http://hp.com/support). Configuration tested: base model, simplex printing, A4 paper at an average of 38 ppm (HP Color LaserJet Enterprise M553 series).

<sup>38</sup> 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.

<sup>39</sup> Service levels and response times may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit [hp.com/go/cpc](http://hp.com/go/cpc).

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<sup>40</sup> Color access control capabilities vary from device to device.

<sup>41</sup> Buyer's Lab, Inc. Outstanding Achievement in Security Solutions award, Winter, 2013. For details, see [hp.com/go/ipscc](http://hp.com/go/ipscc) and [buyerslab.com/Solutions/News/January-2013/BLI-Honors-HP-with-Winter-2013-OA-Award](http://buyerslab.com/Solutions/News/January-2013/BLI-Honors-HP-with-Winter-2013-OA-Award).

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