Data sheet

HP Color LaserJet Enterprise M553 series



A fast and energy-efficient printer that delivers vibrant, professional-quality color documents.

Speed and color are the perfect pair for your business. 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.



HP Color LaserJet Enterprise M553n



HP Color LaserJet Enterprise M553dn



HP Color LaserJet Enterprise M553x

High-speed performance meets energy efficiency

- Print from sleep mode in as fast as 9 seconds. Get two-sided prints as guickly as one—up to 40 ipm. 3
- This printer uses exceptionally low amounts of energy—thanks to smart media-sensing and toner technology.⁴
- Equip employees to breeze through tasks with the adjustable 4.3-inch (10.9 cm) color touchscreen.
- Consistently print high-quality documents across a variety of media—including A5—with automatic media sensing.

Your fleet—simple, protected, streamlined

- Centralize control of your print environment with HP Web Jetadmin —and help build business efficiency.
- Protect sensitive data—use embedded or optional features, including HP JetAdvantage Security Solutions.
- Easily develop, deploy, and add on HP and third-party solutions. Choose the optional 1 GB memory upgrade.⁷
- Increase security, restore control, and help avoid additional expenses—with HP JetAdvantage Private Print.

Print whenever business demands

- Enable wireless direct printing in the office—from mobile devices—without accessing the network.9
- Print with just a touch of your NFC-enabled mobile device to this printer—no network needed.10
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.11

More. Pages, Performance, and Protection.

- Original HP Toner cartridges with JetIntelligence deliver more pages per cartridge than predecessors. 12
- Count on professional quality at fast speeds—high-performance toner works best with your HP printer.
- Help ensure the authentic HP quality you paid for with anti-fraud and cartridge authentication technology.
- Print right away with preinstalled cartridges. Replace them with optional high-yield cartridges. 13

² Measured using ISO/IEC 17629. For more information, see hp. com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Beased on HP testing using the ENERGY STAP® programs ⁵ Typical Electricity Consumption (TEC) method or as reported in energystar, gov vs. competitive single-function color laser printers with print speeds between 31 and 44 pages per minute (ppm) as of November 2014. Actual results may vary. ⁵ Some solutions require download or additional purchase. Learn more at hp.com/go/printingsolutions. ⁶ Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher. HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin. ⁷ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. ⁸ Available only in North America and select European countries. Standard only on the HP Laser Interprise M5534, Feature is available at no charge and requires the printer be connected to the Internet with web services enabled. For more information, see hpiptedvantage.com ⁹ Wireless direct printing is standard on the HP Laser Jet Enterprise M5533 and M553dn. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct—capable MPP 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 MPP or printer. For details, see hp.com/go/businessmobileprinting ¹⁰ Touch-to-print capability is standard on the HP LaserJet Enterprise M553x only. Requires purchase of optional HP Jetdirect 3000w NFC/wireless accessory, available fall 2015, for the LaserJet Enterprise M553h and M5

HP Color LaserJet Enterprise M553x

Product walkaround

- 1. Intuitive 4.3-inch (10.9 cm) color VGA control panel tilts up for easier viewing (Available on X bundle only)
- 2. Home button (returns to home screen)
- 3. Hardware Integration Pocket (HIP) for solution integration
- 4. Easy-access USB port to print files directly14
- 5. Right door (access to the fuser and to clear jams)
- 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 clear jams)
- 10. Two 550-sheet input trays for a 1,200 sheet total input capacity
- 11. 250-sheet output bin
- 12. Built-in wireless direct⁹/NFC¹⁰
- 13. Built-in automatic two-sided printing
- 14. 1 GB standard memory (upgradeable to 2 GB) and a 1.2 GHz processor
- 15. Access port for optional Kensington-style lock
- 16. HP Jetdirect Gigabit Ethernet embedded print server
- 17. Hi-Speed USB 2.0 printing port
- 18. Hi-Speed USB 2.0 port (for connecting third-party devices)



Close-up of I/O ports

Series at a glance







Model	HP Color LaserJet Enterprise	HP Color LaserJet Enterprise	HP Color LaserJet Enterprise
	M553n	M553dn	M553x
Product number	B5L24A	B5L25A	B5L26A
100-sheet multipurpose tray, 550-sheet input tray 2	√	√	\checkmark
550-sheet input tray 3	Optional	Optional	√
2 550-sheet input trays 4 and 5	Optional	Optional	Optional
Printer cabinet	Optional	Optional	Optional
Control panel	4-line color display with keypad	4-line color display with keypad	Adjustable 4.3-inch (10.9 cm) color touchscreen
HP high-performance secure hard disk drive	Optional	Optional	Optional
Hardware Integration Pocket (HIP)		$\sqrt{}$	\checkmark
Automatic duplexing		$\sqrt{}$	√
Wireless direct ⁹ and NFC touch-to-print ¹⁰	Optional	Optional	√
ENERGY STAR® certified		\checkmark	\checkmark

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Next Business Day with Defective Media Retention:

Customers can retain their hard disk drive and keep control of sensitive data.

Same Day - 4 hour 9x5 and 13x5:

Sends an HP technician to customers' site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

Installation Service with Network Setup:

Installation services that include onsite installation and network setup of printing product.

For carepack availability visit: hp.com/go/cpc











Top features

With the fast pace of business, there's no time to stop and wait. Ensure workgroups have tools to move business forward. This efficient printer is designed to conserve energy without sacrificing productivity—so employees can speed through tasks.

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

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,1 enhanced by HP JetAdvantage solutions.5

Bring out the best in your printer—get more high-quality pages than ever. Use Original HP Toner cartridges with JetIntelligence for better performance, higher energy efficiency, and the authentic HP quality you paid for—unlike the competition.¹²

Accessories

B5L34A - HP Color LaserJet 550-sheet Media Tray

B5L51A - HP Color LaserJet Printer Cabinet

B5L28A - HP Internal USB Ports

B5L29A - HP Secure High Performance Hard Disk Drive

G6W84A - 1 GB 90-pin DDR3 DIMM

F5S62A - HP Trusted Platform Module Accessory

Supplies

B5L35A - HP LaserJet 110v Fuser Kit

B5L36A - HP LaserJet 220v Fuser Kit

B5L37A - HP Color LaserJet Toner Collection Unit

CF360A - HP 508A Black LaserJet Toner Cartridge (~6000 ISO yield)

CF360X - HP 508X Black LaserJet Toner Cartridge (~12,500 ISO yield)

CF361A - HP 508A Cyan LaserJet Toner Cartridge (~5000 ISO yield)

CF361X - HP 508X Cyan LaserJet Toner Cartridge (~9500 ISO yield)

CF362A - HP 508A Yellow LaserJet Toner Cartridge (~5000 ISO yield) CF362X - HP 508X Yellow LaserJet Toner Cartridge (~9500 ISO yield)

CF363A - HP 508A Magenta LaserJet Toner Cartridge (~5000 ISO yield)

CF363X - HP 508X Magenta LaserJet Toner Cartridge (~9500 ISO yield)

HP Color LaserJet Enterprise M553 Series

U8CG3E - HP 3 year Next Business Day + Defective Media Retention Color LaserJet M552/3 Hardware Support

U8CH0E - HP 4 year Next Business Day + Defective Media Retention Color LaserJet M552/3 Support

U8CH1E - HP 5 year Next Business Day + Defective Media Retention Color LaserJet M552/3 Support

U8CJ4PE - HP 1 year Post Warranty Next Business Day+Defective Media Retention LaserJet M552/3 Hardware

U8CG4E - HP 3 year 4 hour 9x5 + Defective Media Retention Color LaserJet M552/3 Hardware Support

H2872E - Installation for 1 Network Configuration for Dept and Color LaserJet printer

¹ Features are standard on the HP LaserJet Enterprise M553x only. Requires additional purchase for the LaserJet Enterprise M553n and M553dn. Local printing requires mobile device and printer be on the same network or have a direct wireless connection. Wirel 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 for more details. Some features require purchase of an optional accessory, available fall 2015.. Some solutions require download or additional purchase. Learn more at hp.com/go/printingsolutions. 12 More pages vs. predecessor cartridges claim based on page yield comparison of HP 507A/X Laser Jet Black Toner Cartridges to HP 508A/X Laser Jet Black Toner Cartridges, and HP 507X Laser Jet Cyan, Magenta, and Yellow Toner Cartridges to HP 508X Laser Jet Cyan, Magenta, and Yellow Toner Cartridges. The claim does not apply to the HP 508A Cyan, Magenta, and Yellow LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies

HP Color LaserJet Enterprise M553 series

Technical Specifications	HP Color LaserJet Enterprise M553n(B5L24A)	HP Color LaserJet Enterprise M553dn(B5L25A)	HP Color LaserJet Enterprise M553x(B5L26A)		
AIO functions		Print			
Print speed	Letter: Up to 40 ppm black; Up to 40 ppm color ⁶ ; First Page Out Black: As fast as 6 sec; First Page Out Color: As fast as 7 sec ⁷				
Print resolution	В	lack (fine lines): Up to 1200 x 1200 dpi; Color (fine lines): Up to 1200 x 1200) dpi		
Print Technology	la	ser; Print Resolution Technologies (best): HP ImageREt 3600, Pantone Calib	rated		
Print Cartridges Number	Laser, Print Resolution Technologies (1982): He imagenet, south, Particine Calibrated 4 (1 each black, Cvan, magenta, vellow)				
Standard Print Languages	HP PCL 6; HP PCL 5c; HP post-rouch; eyen, magenu, yeunangen, mative PDF printing (v 1.7)				
Printer Smart Software Features	HP ePrint, Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Jetintelligence cartridges, Online help	HP ePrint, Apple AirPrint [™] , Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Jethntelligence cartridges, Hardware Integration Pocket, Online help	HP ePrint, Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Jetintelligence cartridges, Hardware Integration Pocket, Wireless direct printing, Near Field Communication, Color Touchscreen, Online help		
Printer Management	Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployr	nent Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP P	roxy Agent Software; HP Imaging and Printing Security Center; HP Utility (Mac)		
Standard Connectivity	1	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000Base-TX network po	rt		
Network Capabilities	Via HP Jetdirect Ethernet embedded print server (standard) Supports: 10Base-T, 100Base-Tx, 1000Base-Tx, 802.3az (EEE) Support on Fast Ethernet and Gigabit Ethernet; IPsec (standard)				
Network Ready	Standard (built-in Gigabit Ethernet)				
Wireless Capability	Optional, enabled with purchase of a hardware accessory Yes, Embedded NFC/HP Wireless Direct				
Mobile Printing Capability	HP ePrint; Apple AirPr	HP ePrint; Wireless direct printing; Apple AirPrint™; Mopria-certified ⁴			
Memory	Standard: 1 GB; Maximum: 2 GB				
Mass Storage	4GB non-volatile storage, Firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data, Secure Disk Erase)				
Processor Speed	1.2 GHz / Hard disk: Optional				
Duty Cycle	Monthly, letter: Up to 80,000 pages ⁸ ; Recommended Monthly Page Volume : 2000 to 6000 pages ⁹				
Paper Handling	Input Capacities: 100-sheet multipurpose tray, 550-sheet input tray 2;550-sheet media input tray 3 (B5L26A); Up to 650 sheets standard labels legal (B5L26A); Up to 1200 sheets standard labels legal (B5L26A);				
	Output Capacities: 250-sheet output bin; Up to 250 sheets standard labels legal; Duplex Options: Manual (driver support provided) (BSL24A): Automatic (standard) (BSL25A,BSL26A); Envelope Feeder: No; Standard Paper Trays: 2(BSL26A, BSL25A); 3 (BSL26A); Media Types Supported: Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, card stock, card glossy) color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, pageng elim, user-defined, Media Weight Supported: Tirs 1: 16 to 58 lb (glossy) star 2: 16 to 58 lb (glossy) are 3: 16 to 58 lb (glossy) are 2: 16 to 58 lb (glossy) are 2: 16 to 58 lb (glossy) are 2: 16 to 58 lb (glossy) are 3: 16 to 58 lb (gloss				
Product Dimensions	WxDxH: 18x18.9x15.7 in 12	Maximum: 27.5 x 18.9 x 15.7 in	W x D x H: 18 x 18.9 x 22.9 in ¹² ; Maximum: 27.5 x 18.9 x 22.9 in		
Product Weight	59.5 lb ¹³	60.6 lh ¹³	73.6 lb ¹³		
What's in the box		******			
	HP Color Laser Jet Enterprise; Printer; Four preinstalled HP Laser Jet toner cartridges (yield ~6000 pages black and ~5000 pages color); Toner collection unit ¹ ; In-box documentation; Software CD; Power Cord; 100-sheet multipurpose tray 1; 550-sheet input tray 2. LJ Enterprise M553x: 550-sheet input tray 3				
Warranty Features		One-year, on-site warranty			
Energy Efficiency Compliance	ENERGY STAR® certified, Blue Angel, CECP, EPEAT® Silver				
Control Panel	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 touchscreen with color graphics				
Display Description	4-line LCD (color graphics) with 10-key pad 4.3-in touchscreen with color graphics				
Software Included	Windows OS: 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 OS: Welcome Screen, (Direct users to HP.com or OS App Store for Laser Jet Software)				
Fonts and Typefaces	105 internal True Type 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 http://www.hp.com/go/laserjetfonts				
Compatible Operating Systems	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-bit and 64-bit editions (Sex Basic Premium, Professional, etc.), Windows 7 all 32-bit and 64-bit editions (Sex Basic Professional, etc.), Windows DS compatible with Universal Print Driver (From HP.com): Windows XP SP3 32-bit and 64-bit editions (Moreov SP Lat Basic Premium, Windows XP Lat Basic Premium, Windows 7 all 32-bit and 64-bit editions (Moreov SP Lat Basic Premium, Windows XP Lat Basic Premium, Wi				
Compatible Network Operating Systems	Windows OS compatible with In-Box Driver: Windows Server 2003/2003 R2 (32-bit) (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 (32/64-bit) (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 (32/64-bit) (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 (32/64-bit) (SP1/SP2) Standard/Enterprise (G-bit) (SP1/SP2) Standard/Enterprise (G-bit) (SP1/SP2) Standard/Enterprise (Policy Fig. P2) Standard/Enterprise (P2) Standard/Enterp				
Minimum System Requirements	PC: 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-bit and 64-bit editions, Windows 8/8.1 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (SW Home, XP Pro, etc.), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions, Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), Window				
Power	Power Supply Type: Internal (Built-in) power Support; Power Requirements: Input voltage: 100 to 127 VAC, 60 Hz, Input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, product varies by part number with # Option code identifier); Power Consumption: 617 watts (Active Printing), 33.7 watts (Ready), 3.95 watts (Sleep), 1 watt (Auto-Off/wake on LAN), 0.1 watts (Auto-Off/Manual On), 0.1 watts (Off) ²				
Acoustics	Acoustic Power Emissions: 6.5 B(A); Acoustic Pressure Emissions: 51 dB(A) ⁵				
Operating Environment	Operating Temperature Range: 59 to 81%; Recommended Operating Temperature: 62 to 77%; Storage Temperature Range: 32 to 95%; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH				
Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 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; access port for Kensington-style lock				

¹ Toner cartridge yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. ² 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. Power consumption in Auto-Off mode depends on customer network switch capability, user configuration and network activity. Off-mode power may vary while checking network packets for print jobs. ³ Average color composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see hp.com/go/support ³ Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: base model, simplex printing, A4 paper at an average of 20 paraboutsupplies ⁴ May require a firmware upgrade to be compatible, download at hp.com/go/support ³ Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: base model, simplex printing, A4 paper at an average of 20 paraboutsupplies ⁴ May require a firmware upgrade to be compatible, download at hp.com/go/support ³ Acoustic values are subject to change. For current information see hp.com/support. Configuration, software application, triver, and document complexity. ⁴ But yet 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 Laser/let or HP Color Laser/let devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or

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