Data sheet

HP Color LaserJet Enterprise M553 series

Fast speeds. Brilliant colour.

Speed and colour 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.

Low energy

Color touchscreen

Wireless direct

NFC

HP JetAdvantage compatible

Enjoy high-speed performance, right when you need it.

- Print from sleep mode in as fast as 9 seconds.[1] Get two-sided prints as quickly as one – up to 40 ipm.[2]
- This printer uses exceptionally low amounts of energy – thanks to smart media-sensing and toner technology.[3]
- Equip employees to fly through tasks with the adjustable 10.9 cm (4.3-inch) colour touchscreen.
- Consistently print high-quality documents across a variety of media – including A5 – with automatic media sensing.

Keep your printer fleet simple, protected and streamlined.

- Centralise control of your print environment with HP Web Jetadmin[4] – and help build business efficiency.
- Protect sensitive data with embedded or optional features, including HP JetAdvantage Security Solutions.[5]
- Easily develop, deploy and add on HP and third-party solutions. Choose the optional 1 GB memory upgrade.[6]

Print whenever business demands.

- Enable wireless direct printing in the office – from mobile devices – without accessing the network.[7]
- Print with just a touch of your NFC-enabled mobile device to this printer – no network needed.[8]
- Easily print from a variety of smartphones and tablets – generally no setup or apps required.[9]

Get more pages, performance and protection.

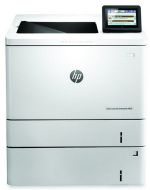
- Original HP Toner cartridges with JetIntelligence deliver more pages per cartridge than predecessors.[10]
- Count on professional quality at fast speeds – HP ColorSphere 3 toner works best with your HP printer.
- Help ensure the authentic HP quality you paid for with anti-fraud and cartridge authentication technology.
- Print right away with preinstalled cartridges. Replace them with optional high-yield cartridges.[11]

Product walkaround

HP Color LaserJet Enterprise M553x shown:

1. Intuitive 10.9 cm (4.3-inch) colour 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
5. Right door (access to fuser and paper path)
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 (to access paper 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/NFC touch-to-print
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 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	HP Color LaserJet Enterprise M553 series	HP Color LaserJet Enterprise M553 series	HP Color LaserJet Enterprise M553 series
Product number	B5L24A	B5L25A	B5L26A
Print speed in pages per minute (ppm), A4/letter	38/40 ppm		
100-sheet multipurpose tray, 550-sheet input tray 2	Yes		
550-sheet input tray 3	Optional		Yes
2 550-sheet input trays 4 and 5	Optional		
Printer cabinet	Optional		
Control panel	4-line colour display with keypad		Adjustable 10.9 cm (4.3-inch) colour touchscreen
Hard disk drive	Optional		
Memory (standard/maximum)	1 GB/2 GB		
Hardware Integration Pocket (HIP)	Not available	Yes	
Automatic duplexing	Not available	Yes	
Wireless direct and NFC touch-to-print	Optional		Yes
ENERGY STAR® certified/Blue Angel compliant	Not available	Yes	

Accessories, Supplies and Support

Supplies	**B5L36A** HP Color LaserJet B5L36A 220V Fuser Kit (Average yield 150,000 pages)
	B5L37A HP Color LaserJet B5L37A Toner Collection Unit (Average yield 54,000 pages)
	CF360A HP 508A Black Original LaserJet Toner Cartridge (6,000 pages)
	CF360X HP 508X High Yield Black Original LaserJet Toner Cartridge (12,500 pages)
	CF361A HP 508A Cyan Original LaserJet Toner Cartridge (5,000 pages)
	CF361X HP 508X High Yield Cyan Original LaserJet Toner Cartridge (9,500 pages)
	CF362A HP 508A Yellow Original LaserJet Toner Cartridge (5,000 pages)
	CF362X HP 508X High Yield Yellow Original LaserJet Toner Cartridge (9,500 pages)
	CF363A HP 508A Magenta Original LaserJet Toner Cartridge (5,000 pages)
	CF363X HP 508X High Yield Magenta Original LaserJet Toner Cartridge (9,500 pages)
Accessories	**B5L29A** HP High-Performance Secure Hard Disk
	B5L34A HP Color LaserJet 550-sheet Media Tray
	B5L51A HP Color LaserJet Printer Cabinet
	F5S62A HP Trusted Platform Module Accessory
	G6W84A HP 1 GB 90-pin DDR3 DIMM
	B5L28A HP Internal USB Ports
Service and Support	**U8CG3E** HP 3 year Next business day with Defective Media Retention Color LaserJet M552/3 Hardware Support **U8CG4E** HP 3 year 4 hour 9x5 with Defective Media Retention Color LaserJet M552/3 Hardware Support **U8CH0E** HP 4 year Next business day with Defective Media Retention Color LaserJet M552/3 Support **U8CH1E** HP 5 year Next business day with Defective Media Retention Color LaserJet M552/3 Support **U8CJ4PE** HP 1 year Post Warranty Next business day with Defective Media Retention Color LaserJet M552/3 Hardware Support **U8CJ5PE** HP 1 year Post Warranty 4 hour 9x5 with Defective Media Retention Color LaserJet M552/3 Hardware Support **U8CJ7PE** HP 2 year Post Warranty Next business day with Defective Media Retention Color LaserJet M552/3 Hardware Support

Technical specifications

Model	**HP Color LaserJet Enterprise M553 series**	**HP Color LaserJet Enterprise M553 series**	**HP Color LaserJet Enterprise M553 series**
Product number	B5L24A	B5L25A	B5L26A
Functions	Print		
Control panel	4-line colour LCD; 19 buttons (Cancel job, Up and Down arrow, Select, Back, Home, 12-key and Help); 3 LED indicator lights (Attention, Ready, Busy)		10.9 cm touchscreen with colour graphics
Print			
Print technology	Laser		
Print speed[1]	**Black (A4, normal)** Up to 38 ppm; **Colour (A4, normal)**: Up to 38 ppm; **Black (A4, duplex)**: Up to 38 ipm; **Colour (A4, duplex)**: Up to 38 ipm;		
First page out[2]	**Black (A4, ready)**: As fast as 6 sec; **Colour (A4, ready)**: As fast as 7 sec;		
Print resolution	**Black (best)**: Up to 1200 x 1200 dpi, HP ImageREt 3600 (best); **Colour (best)**: Up to 1200 x 1200 dpi, HP ImageREt 3600 (best); **Technology**: HP ImageREt 3600, Pantone Calibrated;		
Monthly duty cycle[3]	Up to 80,000 pages A4; **Recommended monthly page volume**[4]: 2,000 to 7,500 pages		
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, Two-Sided Printing, 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, JetIntelligence 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, Colour Touchscreen, Online help
Standard print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, native PDF printing (v1.7)		
Fonts and typefaces	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 font (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		
Print area	**Print margins** Top: 2 mm absolute/5 mm assured image, Bottom: 2 mm absolute/5 mm assured image, Left: 2 mm absolute/5 mm assured image, Right: 2 mm absolute/5 mm assured image; Maximum print area:		
Duplex printing	Manual (driver support provided)	Automatic (standard)	

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Processor speed	1.2 GHz		
Connectivity			
Standard	Hi-Speed USB 2.0 port; Built-in Fast Ethernet 10/100/1000Base-TX network port		
Optional	HP Jetdirect 3000w NFC/Wireless Accessory J8030A (late availability), HP Jetdirect 2900nw Print Server J8031A (late availability)		HP Jetdirect 2900nw Print Server J8031A (late availability)
Wireless	Optional, enabled with purchase of a hardware accessory		Yes, built-in NFC Touch-to-Print; Wireless direct printing
Mobile printing capability[5]	HP ePrint; Apple AirPrint™; Mopria™-certified		HP ePrint; Apple AirPrint™; Mopria™-certified; NFC Touch-to-print; Wireless Direct Printing
Supported network protocols	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		
Network capabilities	Standard (built-in Gigabit Ethernet)		
Hard disk	4 GB non-volatile storage, firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data, Secure Erase – Disk		
Memory	**Standard**: 1 GB; **Maximum**: 2 GB		
Media handling			
Number of paper trays	**Standard**: 2 **; Maximum**: 5		**Standard**: 3 **; Maximum**: 5
Media types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), colour transparency, labels, letterhead, envelope, preprinted, prepunched, coloured, rough, opaque film, user-defined		
Media size	**Custom (metric)**: Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 102 x 148 to 216 x 297 mm; Optional Trays 3+: 102 x 148 to 216 x 356 mm **; Supported (metric)**: Tray 1: A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, envelopes (B5, C5 ISO, C6, DL ISO); Custom: 76 x 127 to 216 x 356 mm; Tray 2: A4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6; Custom: 102 x 148 to 216 x 297 mm; Optional Trays 3+: A4, RA4, A5, B5 (JIS); Custom: 102 x 148 to 216 x 356 mm		**Custom (metric)**: Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 102 x 148 to 216 x 297 mm; Tray 3: 102 x 148 to 216 x 356 mm; Optional Trays 4+: 102 x 148 to 216 x 356 mm **; Supported (metric)**: Tray 1: A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, envelopes (B5, C5 ISO, C6, DL ISO); Custom: 76 x 127 to 216 x 356 mm; Tray 2: A4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6; Custom: 102 x 148 to 216 x 297 mm; Optional Trays 3+: A4, RA4, A5, B5 (JIS); Custom: 102 x 148 to 216 x 356 mm
Media handling	**Standard input**: 100-sheet multipurpose tray, 550-sheet input tray 2 **Optional input**: 550-sheet media input tray 3, 550-sheet media input tray 4, 550-sheet media input tray 5		**Standard input**: 100-sheet multipurpose tray, 550-sheet input tray 2, 550-sheet media input tray 3 **Optional input**: 550-sheet media input tray 4, 550-sheet media input tray 5
Media weight	Tray 1: 60 to 220 g/m² (plain paper), 105 to 220 g/m² (glossy paper); Tray 2: 60 to 220 g/m² (plain paper), 105 to 220 g/m² (glossy paper); Optional Trays 3+: 60 to 220 g/m² (plain paper), 105 to 220 g/m² (glossy paper);		

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Input capacity	**Tray 1**: Sheets (75 g/m² paper): 100; Transparencies, cardstock (163 g/m²): 50; Cardstock (216 g/m²): 30; Envelopes: 10 **Tray 2**: Sheets (75 g/m² paper): 550; Labels, cardstock (163 g/m²), transparencies: 200 **Tray 3**: Sheets (75 g/m² paper): 550; Labels, cardstock (163 g/m²), transparencies: 200 **Maximum**: Up to 2,300 sheets		
Output capacity	**Standard**: Up to 250 sheets Envelopes: Up to 10 envelopes Transparencies: Up to 100 sheets **Maximum**: Up to 250 sheets		
Compatible operating systems	Windows OS compatible with In-Box Driver: Windows 10 all 32-bit and 64-bit editions (excluding RT OS for tablets), 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, Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.); Windows OS compatible with Universal Print Driver (from HP.com): Windows 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets), 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, Windows Vista all 32-bit and 64-bit editions (Home Basic, Premium, Professional, etc.); Mac OS (HP print drivers available from HP.com 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		
Compatible network operating systems	Windows OS compatible with In-Box Driver: Windows Server 2008 R2 (64-bit) (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 (32/64-bit) (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 (32-bit) (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services); Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers from HP.com: Windows Server 2012/2012 R2 (64-bit) Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 (32/64-bit) (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 (32/64-bit) (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services); Citrix (on Windows Server 2003/2003 R2), Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2 and 3), Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3); Citrix (on Windows Server 2008/2008R2): Citrix XenApp 5.0 (Plus Feature Pack 2 and 3), Citrix XenApp 6.0/6.5/7.5, Citrix XenDesktop 5.6/7.0/7.5; Citrix (on Windows Server 2012/2012 R2): Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Novell Servers (http://www.novell.com/iprint): Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, NetWare 6.5/SP8; Novell Clients (http://www.novell.com/iprint): Windows 8 (32-bit/64-bit) recommend v5.86+, 8.1 recommend v5.94+ Windows 7 (32/64-bit) recommend v5.82+, Windows Vista (32/64-bit) recommend v5.82+, Windows XP / SP3 (32-bit only) recommend v5.82+		
Minimum system requirements	**Windows**: Windows 10 all 32-bit and 64-bit editions (excluding RT OS for tablets), 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, Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.); Windows OS compatible with Universal Print Driver (from HP.com): Windows 10 all 32-bit and 64-bit editions (excluding RT OS for tablets), 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, Windows Vista all 32-bit and 64-bit editions (Home Basic, Premium, Professional, etc.); 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; CD-ROM, DVD drive or Internet connection; Dedicated USB, network connection or wireless connection; 200 MB available hard disk space; **Mac**: Mac OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB available hard disk space		
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 (directs users to HP.com or OS App Store for LaserJet software)		
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		
Printer management	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; HP Utility (Mac)		
Dimensions and weight			
Printer dimensions (W x D x H)	**Minimum** 458 x 479 x 399 mm; **Maximum**: 699 x 479 x 399 mm;		**Minimum** 458 x 479 x 581 mm; **Maximum**: 699 x 479 x 581 mm;
Package dimensions (W x D x H)	600 x 500 x 598 mm		750 x 600 x 598 mm
Printer weight	27 kg	27.5 kg	33.4 kg
Package weight	30.8 kg	31.3 kg	38.6 kg
Operating environment	**Temperature**: 15 to 30ºC; **Humidity**: 30 to 70% RH		
Storage conditions	**Temperature**: 0 to 35ºC; **Humidity**: 10 to 90% RH		