

HP Color LaserJet Managed M553 series



Fast speeds. Brilliant colour.

HP Managed printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing costs. See your HP Authorised Reseller for details.



High-speed performance meets energy efficiency

- 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 Jetadmin⁴ – 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
- Increase security, restore control and help avoid additional expenses with HP JetAdvantage Private Print.⁷

Print whenever business demands

- Enable wireless direct printing in the office – from mobile devices – without accessing the network.⁸
- Print with just a touch of your NFC-enabled mobile device to this printer – no network needed.⁹
- Easily print from a variety of smartphones and tablets – generally no setup or apps required.¹⁰

Get more pages, performance and protection

- Original HP Toner cartridges with JetIntelligence deliver more pages per cartridge than predecessors.¹¹
- 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.¹²



Print first page out



Less energy



Color touchscreen



Wireless direct



NFC



HP JetAdvantage compatible

Colour touchscreen and HP JetAdvantage Private Print compatible are available only on M553xm.

Wifi printing and NFC are embedded on M553xm and offered as an accessory on M553dnm.

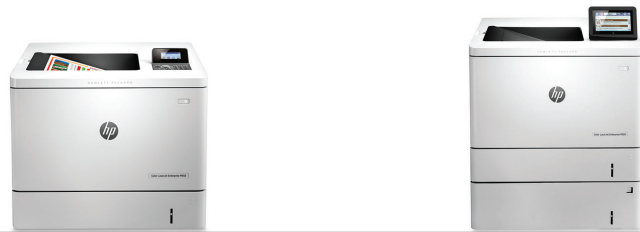
Product walkaround

HP Color LaserJet Managed M553xm 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 directly¹³
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-print⁹
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 Managed M553dnm	HP Color LaserJet Managed M553xm
Product number	B5L38A	B5L39A
Print speed in pages per minute (ppm), A4²	38/40 ppm	38/40 ppm
100-sheet multipurpose tray, 550-sheet input tray 2	Yes	Yes
550-sheet input tray 3	Optional	Yes
2 550-sheet input trays 4 and 5	Optional	Optional
Printer cabinet	Optional	Optional
Control panel	4-line colour display with keypad	Adjustable 10.9 cm (4.3-inch) colour touchscreen
Hard disk drive	Optional	Optional
Memory (standard/maximum)	1 GB/2 GB	1 GB/2 GB
Hardware Integration Pocket (HIP)	Yes	Yes
Automatic duplexing	Yes	Yes
Wireless direct⁹ and NFC touch-to-print⁹	Optional	Yes
ENERGY STAR[®] certified/Blue Angel compliant	Yes	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
	CF360XC HP CF360XC High Yield Black Contract Original LaserJet Toner Cartridge 14,900 pages
	CF361XC HP CF361XC High Yield Cyan Contract Original LaserJet Toner Cartridge 11,700 pages
	CF362XC HP CF362XC High Yield Yellow Contract Original LaserJet Toner Cartridge 11,700 pages
	CF363XC HP CF363XC High Yield Magenta Contract Original LaserJet Toner Cartridge 11,700 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
Connectivity	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
	U8CHOE 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 Managed M553dnm	HP Color LaserJet Managed M553xm
Product number	B5L38A	B5L39A
Print speed⁶	Up to 38 ppm black (A4); Up to 38 ppm colour (A4); Up to 38 ipm duplex (A4)	
First page out time⁷	As fast as 6 sec black (A4, ready); As fast as 7 sec colour (A4, ready)	
Print resolution	Up to 1200 x 1200 dpi (black); Up to 1200 x 1200 dpi (colour), HP ImageREt 3600 (best)	
Print technology	Laser	
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	
Print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, native PDF printing (v1.7)	
Mobile printing capability⁴	HP ePrint, Apple AirPrint™, Mopria-certified	
Monthly duty cycle^{8, 9}	Up to 120,000 pages (A4), Recommended monthly page volume: 2,000 to 15,000 pages	
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	
SureSupply supported¹⁰	Yes	
Processor speed	1.2 GHz	
Display	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 (4.3-inch) touchscreen with colour graphics	
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)	
Network ready	Standard (built-in Gigabit Ethernet)	
Memory	Standard: 1 GB; Maximum: 2 GB	
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	
Functions	Print	
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	
Paper 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	
Paper 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
Input capacity	Tray 1: Sheets (75 g/m ² paper): 100; Transparencies, cardstock (163 g/m ²): 50; Cardstock (216 g/m ²): 30; Envelopes: 10 Tray 2: Sheets (75 g/m ² paper): 550; Labels, cardstock (163 g/m ²), transparencies: 200 Tray 3: Sheets (75 g/m ² paper): 550; Labels, cardstock (163 g/m ²), transparencies: 200 Maximum: Up to 2,300 sheets	
Output capacity	Standard: Up to 250 sheets Maximum: Up to 250 sheets	

Model	HP Color LaserJet Managed M553dnm	HP Color LaserJet Managed M553xm
Product number	B5L38A	B5L39A
Paper weight	Tray 1: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Tray 2: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper); Optional Trays 3+: 60 to 220 g/m ² (plain paper), 105 to 220 g/m ² (glossy paper)	
Standard connectivity	Hi-Speed USB 2.0 port; Built-in Fast Ethernet 10/100/1000Base-TX network port	
What's in the box	HP Color LaserJet Managed M553dnm Printer; Four preinstalled HP LaserJet Toner Cartridges (yield 6,000 pages black and 5,000 pages colour); Toner collection unit; In-box documentation; Software CD; Power cord; 100-sheet multipurpose tray 1; 550-sheet input tray 2	HP Color LaserJet Managed M553xm Printer; Four preinstalled HP LaserJet toner cartridges (yield 6,000 pages black and 5,000 pages colour); Toner collection unit; In-box documentation; Software CD; Power cord; 100-sheet multipurpose tray 1; 550-sheet input tray 2; 550-sheet input tray 3
Replacement cartridges³	HP Contractual High Yield Black Original LaserJet Toner Cartridge (14,900 pages) CF360XC; HP Contractual High Yield Cyan Original LaserJet Toner Cartridge (11,700 pages) CF361XC; HP Contractual High Yield Yellow Original LaserJet Toner Cartridge (11,700 pages) CF362XC; HP Contractual High Yield Magenta Original LaserJet Toner Cartridge (11,700 pages) CF363XC	
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	
Compatible operating systems¹¹	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 (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 (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	
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 (excluding RT OS for tablets), 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 (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)	
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	
Printer Weight	27.5 kg	33.4 kg
Package weight	31.3 kg	38.6 kg
Operating environment	Temperature: 15 to 30°C, Humidity: 30 to 70% RH	
Storage	Temperature: 0 to 35°C, Humidity: 10 to 90% RH	
Acoustics⁵	Acoustic power emissions: 6.5 B(A); Acoustic pressure emissions: 51 dB(A)	
Power²	Requirements: Input voltage: 200 to 240 VAC, 50 Hz 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) Power supply type: Built-in power supply	
Certifications	CISPR 22:2008 Class A, EN 55022:2010 Class A, EN 55024:2010, EN 61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008	
Warranty	One-year, on-site warranty.	

Footnotes

¹Measured using ISO/IEC 17629. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver and document complexity.;
²Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver and document complexity.;
³Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar.gov vs. competitive single-function colour laser printers with print speeds between 31 and 44 pages per minute (ppm) as of November 2014. Actual results may vary.;
⁴Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher. HP Web Jetadmin is free and available for download at <http://www.hp.com/go/webjetadmin>.;
⁵Some solutions require download or additional purchase. Learn more at <http://www.hp.com/go/printingsolutions>.;
⁶Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.;
⁷Available only in selected European countries. Standard only on the HP LaserJet Enterprise M553xm. Feature is available at no charge and requires the printer be connected to the Internet with web services enabled. For more information, see <http://www.hpjetadvantage.com>.;
⁸Feature available on the HP LaserJet Managed M553xm only. Mobile device needs to be connected directly to the WiFi 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 <http://www.hp.com/go/mobileprinting>.;
⁹Feature available on the HP LaserJet Managed M553xm only. Mobile device must support near-field communications (NFC)-enabled printing. For more information, see <http://www.hp.com/go/mobileprinting>.;
¹⁰Local printing requires mobile device and printer to 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 <http://www.hp.com/go/mobileprinting> for more details. Some features require purchase of an optional accessory.;
¹¹Based on cartridge yields for HP 507A compared with HP 508X Original HP LaserJet Toner Cartridges. For more information, see <http://www.hp.com/go/learnaboutsupplies>.;
¹²High-yield Original HP 508X LaserJet Toner cartridges not included; please purchase separately.

Technical specifications disclaimers

¹Toner cartridge yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of colour pages printed and other factors.;
²Power 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.;
³Average colour 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 <http://www.hp.com/go/learnaboutsupplies>.;
⁴May require a firmware upgrade to be compatible, download at <http://www.hp.com/go/support>.;
⁵Acoustic values are subject to change. For current information, see <http://www.hp.com/go/support>. Configuration tested: base model, simplex printing, A4 paper at an average of 38 ppm.;
⁶Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver and document complexity.;
⁷Measured using ISO/IEC 17629. For more information, see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver and document complexity.;
⁸Duty 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.;
⁹HP 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.;
¹⁰HP 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 <http://www.hp.com/go/SureSupply>.;
¹¹Not all compatible Operating Systems are supported with In-Box software. Full solution software available only for Windows 7 and newer. Legacy Windows Operating Systems (XP, Vista and equivalent servers) get print and scan drivers only. Windows RT OS for tablets (32-bit and 64-bit) uses a simplified HP print driver built into the RT OS. UNIX modelscripts are available on <http://www.hp.com> (modelscripts are printer drivers for UNIX operating systems); Linux systems use in-OS HPLIP software.



<http://www.hp.com/uk>

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