

Print only

HP Color LaserJet Enterprise M553dn



Speed and colour is 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.



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
- Manage jobs and settings quickly with the 4-line colour display and use the 10-key pad for PIN printing.
- 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 Jetadmin⁵—and help build business efficiency.
- Protect sensitive data—use embedded or optional features, including HP JetAdvantage Security Solutions.⁴
- Easily develop, deploy, and add on HP and third-party solutions. Choose the optional 1 GB memory upgrade.⁶



Print whenever business demands

- Get optional wireless direct printing. Send prints from mobile devices—without accessing the network.⁷
- Add the option to print with 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



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—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.¹¹
- Protect your investment with HP Care Pack. Let our HP certified engineers resolve all your technical issues.¹²



¹ 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.

² 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.

³ Based on HP testing using the ENERGY STAR® program's 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.

⁴ Some solutions require download or additional purchase. Learn more at hp.com/go/printingsolutions

⁵ 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

⁶ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.

⁷ Requires purchase of optional module, available fall 2015, for the LaserJet Enterprise M553dn. 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

⁸ Requires purchase of optional HP Jetdirect 3000w NFC/wireless accessory, available fall 2015, for the LaserJet Enterprise M553dn. Mobile device must support near-field communications (NFC)-enabled printing. For more information, see hp.com/go/mobileprinting

⁹ 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 for more details. Some features require purchase of an optional accessory, available Fall 2015.

¹⁰ More pages vs. predecessor cartridges claim based on page yield comparison of HP 507A/X LaserJet Black Toner Cartridges to HP 508A/X LaserJet Black Toner Cartridges, and HP 507X LaserJet Cyan, Magenta, and Yellow Toner Cartridges to HP 508X LaserJet 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/learnaboutsups

¹¹ High-yield Original HP 508X LaserJet Toner cartridges not included; please purchase separately.

¹² For more details on HP Care Pack, go to hp.com/go/cpc

Technical specifications

Functions		Print only
Print		
Duplex print options	Automatic (standard)	
Print speed ¹	Black (normal, A4): Up to 38 ppm; Black (normal, letter): Up to 40 ppm; Colour (normal, A4): Up to 38 ppm; Colour (normal, letter): Up to 40 ppm	
First page out	Black (A4, ready): As fast as 6 sec; Colour (A4, ready): As fast as 7 sec	
Print resolution	Black (fine lines): Up to 1200 x 1200 dpi; Colour (fine lines): Up to 1200 x 1200 dpi	
Print technology	Laser	
Print resolution technologies	HP ImageREt 3600 (Best) ² ; Up to 1200 x 1200 dpi (Fine Lines); PANTONE [®] calibrated	
Print cartridges number	4 (1 each black, cyan, magenta, yellow)	
Standard print languages	HP PCL 6, HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)	
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)	
Connectivity		
Standard connectivity	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000Base-TX network port	
Mobile print capability ³	HP ePrint; Apple AirPrint™; Mopria-certified	
Network ready	Standard (built-in Gigabit Ethernet)	
Network capabilities	Via HP Jetdirect Ethernet embedded print server (standard) Supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) Support on Fast Ethernet and Gigabit Ethernet; IPsec (standard)	
Wireless capability	Optional, enabled with purchase of a hardware accessory	
Memory	Standard: 1 GB; Maximum: 2 GB	
Processor speed	1.2 GHz	
Duty cycle (monthly) ²	Up to 80,000 pages; Recommended monthly page volume: ² 2,000 to 6,000 pages	
Paper handling		
Input ⁸	100-sheet multipurpose tray, 550-sheet input tray 2; Optional: 550-sheet media input tray 3, 550-sheet media input tray 4, 550-sheet media input tray 5	
Output	250-sheet output bin	
Media type	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 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)	
Media sizes custom	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	
Dimensions (W x D x H)	458 x 479 x 399 mm (18 x 18.9 x 15.7 in)	
Weight	27.5 kg (60.6 lb)	
What's in the box	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	
Warranty features	One-year, onsite warranty	
Systems		
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, Windows 8/8.1 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 OS compatible with Universal Print Driver (From HP.com): Windows XP SP3 32-bit and 64-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 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 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets); 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	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 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets); Windows OS compatible with Universal Print Driver (From HP.com): Windows XP SP3 32-bit and 64-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit and 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 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 10 all 32-bit and 64-bit editions (excluding RT OS for Tablets); 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 or DVD drive, or internet connection; Dedicated USB or 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	
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 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 hp.com/go/laserjetfonts	
Control panel	4-line dimmable colour LCD; 19 buttons (Cancel job, Up and Down arrow, Select, Back, Home, 12-key and Help); 3 LED indicator lights (Attention, Ready, Busy)	
Power	Power supply type: Internal (Built-in) power supply; Power supply required: 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: ⁴ 617 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)	
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)	
Acoustic	Acoustic power emissions: ⁵ 6.5 dB(A); Acoustic power emissions (ready): 4.7 dB(A); Acoustic pressure emissions bystander (active, printing): 51 dB(A); Acoustic pressure emissions bystander (ready): 32 dB(A)	
Environmental ranges	Operating temperature range: 15 to 30° C (59 to 81° F); Recommended operating temperature: 17 to 25° C (62 to 77° F); Non-operating humidity range: 10 to 90% RH; Operating humidity range: 10 to 80% RH; Recommended operating humidity 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	
Safety approvals and requirements	IEC 60950-1:2005 +A1:2009 +A2:2013, EN 60950-1:2006 +A1:2010 +A1 1:2009 +A2:2011 +A2:2013, EN 60825-1:2007 / IEC 60825-1:2007 (Class 1 Laser Product), EN 62479:2010 / IEC 62479:2010	
Supported network protocols	IPv4/IPv6; Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, FTPT, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLR, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, ePrint	

¹ Measured using ISO/IEC 24734, 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.
² May require a firmware upgrade to be compatible, download at hp.com/go/support
³ 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.
⁴ 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.
⁵ 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.
⁶ 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 ppm.
⁷ 600 x 600 dpi x 8 bit default engine resolution with ImageRet 3600 Enhancement Technology.
⁸ Purchase of optional paper trays required to reach maximum input capacity.

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Ordering information

Number	Description
B5L25A	HP Color LaserJet Enterprise M553dn Printer
Supplies and Maintenance Kits	
Number	Description
CF360A	HP 508A Original Black LaserJet Toner Cartridge (~6,000 pages)
CF360X	HP 508X High Yield Original Black LaserJet Toner Cartridge (~12,500 pages)
CF361A	HP 508A Original Cyan LaserJet Toner Cartridge (~5,000 pages)
CF361X	HP 508X High Yield Original Cyan LaserJet Toner Cartridge (~9,500 pages)
CF362A	HP 508A Original Yellow LaserJet Toner Cartridge (~5,000 pages)
CF362X	HP 508X High Yield Original Yellow LaserJet Toner Cartridge (~9,500 pages)
CF363A	HP 508A Original Magenta LaserJet Toner Cartridge (~5,000 pages)
CF363X	HP 508X High Yield Original Magenta LaserJet Toner Cartridge (~9,500 pages)
B5L35A	HP LaserJet 110v Fuser Kit
B5L36A	HP LaserJet 220v Fuser Kit
B5L37A	HP Color LaserJet Toner Collection Unit
Accessories	
Number	Description
B5L34A	HP Color LaserJet 550-sheet Media Tray
B5L28A	HP Internal USB Ports
F5562A	HP Trusted Platform Module Accessory
B5L29A	HP Secure High Performance Hard Disk Drive
B5L51A	HP Color LaserJet Printer Cabinet
G6W84A	1GB 90-pin DDR3 DIMM

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B5L34A	HP Color LaserJet 550-sheet Media Tray
B5L28A	HP Internal USB Ports
F5562A	HP Trusted Platform Module Accessory
B5L29A	HP Secure High Performance Hard Disk Drive
B5L51A	HP Color LaserJet Printer Cabinet
G6W84A	1GB 90-pin DDR3 DIMM

HP Care Pack

Number	Description
U8CG3E	HP 3-year Next Business Day + DMR Color LaserJet M553 Hardware Support
U8CG4E	HP 3-year 4h 9x5 + DMR Color LaserJet M553 Hardware Support
U8CG5E	HP 3-year 4h 13x5 + DMR Color LaserJet M553 Hardware Support
U8CG6E	HP 4-year 4h 9x5 + DMR Color LaserJet M553 Hardware Support
U8CG7E	HP 4-year 4h 13x5 + DMR Color LaserJet M553 Hardware Support
U8CG8E	HP 5-year 4h 9x5 + DMR Color LaserJet M553 Hardware Support
U8CG9E	HP 5-year 4h 13x5 + DMR Color LaserJet M553 Hardware Support
U8CH0E	HP 4-year Next Business Day + DMR Color LaserJet M553 Support
U8CH1E	HP 5-year Next Business Day + DMR Color LaserJet M553 Support
U8CJ4PE	HP 1-year Post Warranty Next Business Day + DMR Color LaserJet M553 Hardware Support
U8CJ4PA	HP 1-year Post Warranty Next Business Day + DMR Color LaserJet M553 Hardware Support
U8CJ5PE	HP 1-year Post Warranty 4h 9x5 + DMR Color LaserJet M553 Hardware Support
U8CJ6PE	HP 1-year Post Warranty 4h 13x5 + DMR Color LaserJet M553 Hardware Support
U8CJ7PE	HP 2-year Post Warranty Next Business Day + DMR Color LJ M553 Hardware Support

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Supported paper

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Solutions

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