

# HP Color LaserJet Enterprise M554dn Printer



Future-proof performance for whatever business brings



This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>



Low energy



Auto on/off



HP Web Jetadmin



HP Planet Partners

## The world's most secure printing<sup>1</sup>

- The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.
- Common Criteria certified<sup>2</sup> to continually monitor memory activity to detect and stop attacks in real time.
- Firmware is automatically checked during startup to determine if it's authentic code – digitally signed by HP.
- The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Safeguard data stored on the printer – keys, passwords, certificates, and more – with the embedded HP Trusted Platform Module.<sup>3</sup>

## Easy to use, simple to manage

- HP FutureSmart firmware can be updated with the latest features<sup>4</sup> to optimise your investment for years to come.
- Centralise control of your printing environment with HP Web Jetadmin – and help build business efficiency.<sup>5</sup>
- Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons.
- Expect consistent, high-quality results with technology that automatically adjusts print settings to paper type.
- Work with less wait. Step up productivity with print speeds up to 33 pages per minute.<sup>6</sup>

## Enhanced productivity to empower workgroups

- Give workgroups what they need to succeed. Easily choose and deploy hundreds of HP and third-party solutions.
- Easily access, print, and share resources with built-in Ethernet and optional wireless networking.<sup>7</sup>
- Print directly from the 6.9 cm (2.7 inch) colour display.
- Spend less time loading paper with an optional input tray for an additional capacity of 1,200 sheets.

## Sustainability is smart business

- Help save paper right out of the box. Two-sided (duplex) printing is set at default for automatic savings.<sup>8</sup>
- Help reduce wasted paper and toner by only printing jobs that are truly needed, using HP Secure Print.<sup>9</sup>
- Help save energy intelligently by using only the power you need with HP Auto-On/Auto-Off Technology.<sup>10</sup>
- Help reduce your impact. Count on easy cartridge recycling at no charge with HP Planet Partners.<sup>11</sup>

Product walkaround

HP Color LaserJet Enterprise M554dn shown

- 1. 250 sheet output bin
- 2. Front door for access to Original HP Toner cartridges with JetIntelligence
- 3. Automatic two-sided printing (default)
- 4. 6.9 cm (2.7-in) colour graphics display with 24-key pad
- 5. Hardware Integration Pocket (for connecting accessory and third-party devices)
- 6. Easy-access USB port
- 7. Convenient front on/off switch
- 8. Right door for clearing jams and access to the fuser
- 9. 100 sheet multipurpose tray 1
- 10. 550 sheet input tray 2 for a 650 sheet total input capacity
- 11. Slot for cable-type security lock
- 12. Gigabit Ethernet network port
- 13. Hi-Speed USB 2.0 printing port
- 14. Hi-Speed USB 2.0 port for third-party devices



Accessories, Supplies and Support

Supplies <sup>7</sup>	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)
	W2120A HP 212A Black Original LaserJet Toner Cartridge (~5,500 pages)
	W2120X HP 212X High Yield Black Original LaserJet Toner Cartridge (13,000 pages)
	W2121A HP 212A Cyan Original LaserJet Toner Cartridge (4,500 pages)
	W2121X HP 212X High Yield Cyan Original LaserJet Toner Cartridge (10,000 pages)
	W2122A HP 212A Yellow Original LaserJet Toner Cartridge (4,500 pages)
	W2122X HP 212X High Yield Yellow Original LaserJet Toner Cartridge (10,000 pages)
	W2123A HP 212A Magenta Original LaserJet Toner Cartridge (4,500 pages)
	W2123X HP 212X High Yield Magenta Original LaserJet Toner Cartridge (10,000 pages)
Accessories	3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory
	4QL32A HP Legic Secure USB Reader
	8FP31A HP Jetdirect LAN Accessory
	B5L28A HP Internal USB Ports
	B5L34A HP Color LaserJet 550-sheet Media Tray
	X3D03A HP USB Universal Card Reader
	Y7C05A HP HIP2 Keystroke Reader
	Blue Angel: 2.8 kWh/Week Energy Star 3.0: 0.653 kWh/Week
Service and Support	U8CG3E HP 3 year Next Business Day for Color LaserJet M55x service
	U8CH0E HP 4 year Next Business Day for Color LaserJet M55x service
	U8CH1E HP 5 year Next Business Day for Color LaserJet M55x service
	U8CJ4PE HP 1 year Post Warranty Next Business Day for Color LaserJet M55x service
	U8CJ7PE HP 2 year Post Warranty Next Business Day for Color LaserJet M55x service
	U9JT1E HP Installation Service with Network Configuration for Personal Scanner and Printer (1 unit)

## Technical specifications

Model	HP Color LaserJet Enterprise M554dn Printer
Product number	7ZU81A
Functions	Print
Control panel	6.86 cm QVGA LCD (colour graphics) display with 24-key pad
Print	
Print technology	Laser
Print speed <sup>1</sup>	<b>Black (A4, normal):</b> Up to 33 ppm <b>Colour (A4, normal):</b> Up to 33 ppm ; <b>Black (A4, duplex):</b> Up to 33 ipm <b>Colour (A4, duplex):</b> Up to 33 ipm
First page out <sup>2</sup>	<b>Black (A4, ready):</b> As fast as 6.7 sec <b>Colour (A4, ready):</b> As fast as 7.6 sec ; <b>Black (A4, sleep):</b> As fast as 9 sec <b>Colour (A4, sleep):</b> As fast as 9 sec
Print resolution	<b>Black (best):</b> HP ImageREt 3600 <b>Colour (best):</b> HP ImageREt 3600 ; <b>Technology:</b> HP ImageREt 3600, Pantone Calibrated
Monthly duty cycle	Up to 80,000 pages A4; <b>Recommended monthly page volume:</b> 2,000 to 8,500
Printer smart software features	Apple AirPrint™, Mopria-certified, HP ePrint, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, 2.7" color display w/10-key, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs
Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), XPS
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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>
Print area	<b>Print margins</b> 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 : 212 x 352 mm
Duplex printing	Automatic (standard)
Processor speed	1.2 GHz
Connectivity	
Standard	Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket
Optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A
Mobile printing capability <sup>3</sup>	HP ePrint; Apple AirPrint™; Mopria™ Certified; ROAM optional for easy printing
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD raw queue support only); Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; DISCOVERY: SLP Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x
Network capabilities	Yes, 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); 802.11b/g/n / 2.4 / 5 GHz Wi-Fi radio wireless networking (optional); Microsoft Universal Print (MUP) support
Memory	<b>Standard:</b> 1 GB ; <b>Maximum:</b> 1 GB
Media handling	
Number of paper trays	<b>Standard:</b> 2 ; <b>Maximum:</b> 3
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, envelope, preprinted, prepunched, coloured, rough, opaque film, user-defined
Media size	<b>Custom (metric):</b> Tray 1: 76 x 127 to 216 x 356 mm; Tray 2: 102 x 148 to 216 x 297 mm; Optional Tray: 102 x 148 to 216 x 356 mm <b>Supported (metric):</b> Tray 1: A4, RA4, A5, B5 (JIS), B6 (JIS), 10 x 15 cm, A6, 16K, 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, 16K; Custom: 102 x 148 to 216 x 297 mm; Optional Tray 3: A4, RA4, A5, B5 (JIS), 16K; Custom: 102 x 148 to 216 x 356 mm
Media handling	<b>Standard input:</b> 100 sheet multipurpose tray, 550 sheet input tray 2 <b>Standard output:</b> 250 sheet output bin <b>Optional input:</b> 550 sheet media input tray 3
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 Tray 3: 60 to 220 g/m² (plain paper), 105 to 220 g/m² (glossy paper)
Input capacity	<b>Tray 1:</b> Sheets (75 g/m² paper): 100; Transparencies, cardstock (163 g/m²): 50; Cardstock (216 g/m²): 30; Envelopes: 10 <b>Tray 2:</b> Sheets (75 g/m² paper): 550; Labels, cardstock (163 g/m²), Transparencies: 200 <b>Tray 3:</b> Sheets (75 g/m² paper): 550; Labels, cardstock (163 g/m²), Transparencies: 200 <b>Maximum:</b> Up to 1,200 sheets
Output capacity	<b>Standard:</b> Up to 250 sheets Envelopes: Up to 10 envelopes Transparencies: Up to 100 sheets <b>Maximum:</b> Up to 250 sheets
Compatible operating systems	Windows Client OS (32/64-bit): Win10, Win8.1, Win7 Ultimate, Mobile OS - iOS, Android; Mac: Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Apple® macOS Catalina v10.15; Discrete PCL6 Printer Driver: for more information on the supported operating systems go to <a href="http://www.support.hp.com">http://www.support.hp.com</a> , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section; UPD PCL6 / PS Printer Drivers, Supported Operating systems: for more information on the supported operating systems see <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a>
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix XenApp & XenDesktop 7.6, Novell Print server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see <a href="http://www.citrixready.citrix.com">http://www.citrixready.citrix.com</a> ; Linux: For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> ; Unix: For more information see <a href="http://www.hp.com/go/unixmodelscrips">http://www.hp.com/go/unixmodelscrips</a> ; UPD PCL6 / PS Printer Drivers: For more information on the supported operating systems go to <a href="http://www.support.hp.com">http://www.support.hp.com</a> , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section; UPD PCL6 / PS Printer Drivers, Supported Operating systems: for more information on the supported operating systems see <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a>
Minimum system requirements	<b>Windows:</b> 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see <a href="http://www.microsoft.com">http://www.microsoft.com</a> <b>Mac:</b> 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see <a href="http://www.apple.com">http://www.apple.com</a>
Software included	No software solutions are included in the Box, only on <a href="http://www.hp.com">http://www.hp.com</a> , <a href="http://www.123.hp.com">http://www.123.hp.com</a>
Security management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.: badge readers); Network: IPsec/Firewall with Certificate; Pre-Shared Key; and Kerberos authentication; Supports WPA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses PPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; Hardware Integration Pocket for security solutions; Intrusion Detection with Red Balloon Security Technology (Constant in-device monitoring for attacks); HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability); Whitelisting (loads only known good code DLLs, EXEs, etc.); Embedded Trusted Platform Module (TPM); HP Connection Inspector; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs
Printer management	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)
Dimensions and weight	
Printer dimensions (W x D x H)	<b>Minimum:</b> 458 x 479 x 400 mm; <b>Maximum:</b> 820 x 785 x 400 mm
Printer weight	27.5 kg
Operating environment	<b>Temperature:</b> 10 to 32.5°C <b>Humidity:</b> 30 to 70% RH
Storage conditions	<b>Temperature:</b> -20 to 40°C
Acoustics	<b>Acoustic power emissions:</b> 6.4 B(A) (Printing at 33 ppm) <b>Acoustic pressure emissions:</b> 51 dB(A) (Printing at 33 ppm)
Power	<b>Requirements:</b> Input voltage: 200 to 240 VAC, 50 Hz; <b>Consumption:</b> 589 watts (Printing), 28.5 watts (Ready), 2.17 watts (Sleep), 0.07 watts (Auto-Off/Manual On), 0.48 watts (Auto-Off/Auto-On/Wake on LAN); <b>Typical Electricity Consumption (TEC):</b> Energy Star 3.0: 0.395 kWh/Week; Blue Angel: 1.203 kWh/Week; <b>Power supply type:</b> Internal (built-in) 220V Power Supply
Energy savings feature technology	HP Auto-on/Auto-off Technology; Instant-on Technology
Certifications <sup>5</sup>	TUV and GS Mark (Germany); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries. <b>Electromagnetic emission standard:</b> CISPR 22:2008 (International) Class A, CISPR 32:2012 (International)/ EN 55032:2012, CISPR 35:2016 (International)/ EN 55035:2017, EN 55024:2010 *A1:2015, EN 61000-3-2:2014, EN 61000-3-3:2013. Other EMC approvals as required by individual countries. CECP: Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified <b>Blue Angel compliant<sup>6</sup></b> Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Sustainable impact specifications	Mercury free
Country of origin	Made in Japan
What's in the box <sup>7</sup>	7ZU81A HP Color LaserJet Enterprise M554dn Printer; Four preinstalled HP LaserJet toner cartridges (yield 5,500 pages black, 3,500 pages cyan, magenta, yellow composite); Toner collection unit; In-box documentation; Power Cord
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.

## Footnotes

- <sup>1</sup> HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit <http://www.hp.com/go/PrintersThatProtect>. For more information, visit <http://www.hp.com/go/PrinterSecurityClaims>.
- <sup>2</sup> Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019. Certification applicable to HP Enterprise and Managed devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: <https://www.commoncriteriaportal.org/files/epfiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf>.
- <sup>3</sup> Use of the HP Trusted Platform Module may require a firmware upgrade.
- <sup>4</sup> Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.
- <sup>5</sup> HP Web Jetadmin is free and available for download at <http://www.hp.com/go/webjetadmin>.
- <sup>6</sup> Measured 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.
- <sup>7</sup> Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.
- <sup>8</sup> Dependent upon country setup specifications.
- <sup>9</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit <http://www.hp.com/go/roam>.
- <sup>10</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings. May require a firmware upgrade.
- <sup>11</sup> Program availability varies. For more information, visit <http://www.hp.com/recycle>.

## Technical specifications disclaimers

- <sup>1</sup> Measured 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.
- <sup>2</sup> Measured 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.
- <sup>3</sup> To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Customer can purchase the HP Jetdirect 3100w BLE/NFC/Wireless accessory or the RadBeacon USB. Subscription may be required. For more information, visit <http://www.hp.com/go/roam>.
- <sup>4</sup> Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
- <sup>5</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- <sup>6</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. Blue Angel value typically based on measurement of 230V device.
- <sup>7</sup> Average black and colour composite (C/M/Y) 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/toneryield>. HP Color LaserJet Enterprise M554 in-box colour cartridges may have higher yield than stated for printer units manufactured before 2021.
- <sup>8</sup> Requires HP FutureSmart 5.8.1.1 or later.
- <sup>9</sup> Measured using ISO/IEC 24734 Feature Performance Test, 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 content.

