

HP Color LaserJet Enterprise M555x (7ZU79A)

Active as of 10/1/2020



Overview

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

List Price \$1,518.73

Easy to use, simple to manage

HP FutureSmart firmware can be updated with the latest features ¹ to optimize your investment for years to come.

Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency. ⁵

Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons.

Enhanced productivity to empower workgroups

Give workgroups what they need to succeed. Easily choose and deploy hundreds of HP and third-party solutions.

Keep your office connected. Built-in Ethernet and Dualband Wi-Fi^{® 7} connectivity let you share printing resources on a network.

Easily manage jobs directly at the printer with a customizable 4.3-inch (10.9 cm) color touchscreen.

Sustainability is smart business

Help save paper right out of the box. Two-sided (duplex) printing is set at default for automatic savings. ⁹

Help reduce wasted paper and toner by only printing jobs that are truly needed, using HP Roam for Business. ¹⁰

Help save energy intelligently by using only the power you need with HP Auto-On/Auto-Off Technology. ¹¹

The world's most secure printing²

The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.

Common Criteria certified³ 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.

Replaces

Status	Product Name	Discontinued	SKU
Discontinued	HP Color LaserJet Managed M553dnm	06/11/2019	B5L38A

Specifications

Functions

Print

Print speed black (ISO, letter)

Up to 40 ppm⁶1

(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.)

3

Print speed color (ISO)

Up to 40 ppm 61

(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.)

3

Print speed duplex (letter)

Up to 40 ipm

Print speed duplex (letter)

Up to 40 ipm

First page out black (letter, ready)

As fast as 6.6 sec

First page out color (letter, ready)

As fast as 7.5 sec

Duty cycle (monthly, letter)

Up to 80,000 pages

(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.)

3

Recommended monthly page volume

2000 to 10,000

(HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.)

Number of users

5-15 Users

Print technology

Laser

Print quality black (best)

HP ImageREt 3600

Print quality color (best)

HP ImageREt 3600

Processor speed

1.2 GHz

Print languages

HP PCL 6: HP PCL 5c: HP postscript level 3 emulation, native PDF printing (v 1.7)

Display

4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)

Print colors

Yes

Number of print cartridges

4 (1 each black, cyan, magenta, yellow)

Mac compatible

Yes

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)

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 WJA-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 FIPS 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

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 http://www.hp.com/go/laserjetfonts

Mobile printing capability

HP ePrint; Apple AirPrint™; NFC touch-to-print (optional); Mopria™ Certified; ROAM capable for easy printing; Wi-Fi® Direct printing⁴1

(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)

Wireless capability

Embedded Dual-band Station and Wi-Fi Direct Functionality

Connectivity, standard

1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Wireless 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio; Hardware Integration Pocket

Connectivity, optional

HP Jetdirect LAN Accessory 8FP31A

Minimum System Requirements

2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com

Minimum System Requirements for Macintosh

2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com

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 http://support.hp.com, 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-, For more information on the supported operating systems go to http://support.hp.com, 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 www.hp.com/qo/upd

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 Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, "Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://citrixready.citrix.com, Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix- For more information see http://hp.com/go/unixmodelscripts, Linux- For more information see http://hp.com/go/unixmodelscripts, UPD PCL6 / PS Printer Drivers-, For more information on the supported operating systems go to http://support.hp.com, 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 www.hp.com/go/upd

Memory

Maximum Memory

2 GB

Memory Slots

1 slot, 90-pin DDR3 Slim DIMM

Internal Storage

Optional, 500 GB (with accessory B5L29A)

Paper handling input, standard

100-sheet multipurpose tray, 550-sheet input tray 2, 550-sheet media input tray 3

Paper handling input, optional

550-sheet media input tray 3, 550-sheet media input tray 4, 550-sheet media input tray 5

Maximum input capacity (sheets)

Up to 2300 sheets

Paper handling output, standard

250-sheet output bin

Paper handling output, optional

none

Output capacity

Up to 250 sheets

Maximum output capacity (sheets)

Up to 250 sheets

Finished output handling

Sheetfed

Duplex printing

Automatic (standard)

Paper trays, standard

3

Paper trays, maximum

,

Envelope Feeder

No

Media sizes supported

Tray 1: Letter, Legal, Oficio, Executive, Statement, 4×6 , 3×5 , 5×7 , 5×8 , Postcard (JIS), Double Postcard (JIS), 8.5 x 13, Envelope (commercial No. 9, No. 10, Monarch); Custom: 3×5 to 8.5×14 in; Tray 2: Letter, Executive, Statement, 4×6 , 5×7 , 5×8 , Double Postcard (JIS); Custom: 4.0×5.85 to 8.5×11.69 in; Optional Trays 3+: Letter, Legal, Oficio, Executive, 8.5×13 ; Custom: 4.0×5.85 to 8.5×14 in

Media sizes, custom

Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.0 x 5.85 to 8.5 x 11.69 in; Optional Trays 3+: 4.0 x 5.85 to 8.5 x 14 in

Media types

Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy) color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined

Media weight, supported

Tray 1: 16 to 58 lb (plain); 28 to 58 lb (glossy); Tray 2: 16 to 58 lb (plain paper); 28 to 58 lb (glossy paper); Optional Trays 3+: 16 to 58 lb (plain paper); 28 to 58 lb (glossy paper); Automatic Duplexer: 16 to 43 lb

Power

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). Not dual voltage, power supply varies by part number with # Option code identifier.

Power supply type

Built-in 115V or 220V Power Supply

Power consumption

622 watts (Printing), 31.3 watts (Ready), 2.4 watts (Sleep), 0.06 watts (Auto-Off/Manual On), 0.69 watts (Auto-Off/Auto-On/Wake on LAN)

(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. Energy Star Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device)

Typical electricity consumption (TEC) number

1.368 kWh/Week (Blue Angel); 0.464 kWh/Week (Energy Star 3.0)

Ecolabels

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Blue Angel; CECP; ENERGY STAR® qualified; EPEAT® Silver

Energy star certified

Yes

Operating temperature range

50 to 91°F

Recommended operating humidity range

30 to 70% RH

Minimum dimensions (W x D x H)

18 x 18.9 x 20.2 in

Maximum dimensions (W x D x H)

32.3 x 30.9 x 23.1 in

Weight

73.6 lb

UPC number

(AB0) 194850414046; (ABJ) 194850414060; (ABT) 194850414077; (ABY) 194850414084; (AC8) 194850414091; (ACQ) 194850414114; (AKV) 194850414121; (B13) 194850414138; (B19) 194850414145; (BAZ) 194850414152; (BGJ) 194850414176; (BGM) 194850414183

Package dimensions (W x D x H)

29.5 x 23.6 x 23.6 in

Package weight

87.3 lb

Quantity per pallet

8 (AMS), 6 (APJ, EMEA)

Pallet dimensions

47.3 x 31.5 x 100 in (AMS), 47.3 x 31.5 x 76.5 in (APJ, EMEA)

Pallet weight

726 lb (AMS), 561 lb (APJ, EMEA)

Country of origin

Made in Japan

What's in the box

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

Cable included

No, please purchase USB cable separately

Replacement cartridges

W2120A HP 212A Black Original LaserJet Toner Cartridge (~5,500 pages); W2121A HP 212A Cyan Original LaserJet Toner Cartridge (~4,500 pages); W2123A HP 212A Magenta Original LaserJet Toner Cartridge (~4,500 pages); W2122A HP 212A Yellow Original LaserJet Toner Cartridge (~4,500 pages); W2120X HP 212X High Yield Black Original LaserJet Toner Cartridge (~13,000 pages); W2121X HP 212X High Yield Cyan Original LaserJet Toner Cartridge (~10,000 pages); W2123X HP 212X High Yield Magenta Original LaserJet Toner Cartridge (~10,000 pages); W2122X HP 212X High Yield Yellow Original LaserJet Toner Cartridge (~10,000 pages)

(Average black and color composite (C/M/V) 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)

3

No software solutions are included in the Box only on http://hp.com http://123.hp.com

Manufacturer Warranty

One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Overview

- 1 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.
- 2 HP's most advanced embedded security features are available on HP Enterprise and HP Managed 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 hp.com/go/PrintersThatProtect. For more information, visit hp.com/go/PrinterSecurityClaims
- 3 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
- 5 HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin
- 7 Mobile device needs to be connected directly to the signal of a Wi-Fi Direct[®] supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance[®]. For details, see hp.com/go/mobileprinting
- 9 Dependent upon country setup specifications.
- 10 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 hp.com/go/roam
- 11 HP Auto-On/Auto-Off Technology capabilities subject to printer and settings. May require a firmware upgrade.

Specifications

- 4 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
- 6 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.

Accessories

B5L34A HP Color LaserJet 550-sheet Media Tray; B5L51A HP Color LaserJet Printer Stand; G6W84A HP 1GB 90-Pin DDR3 DIMM; 2NR03A HP 1GB 90-Pin DDR3 TAA Version DIMM; CC543B HP SmartCard NIPRNet Solution for US Government; B5L29A HP Secure High Performance Hard Disk Drive; 5EL03A HP TAA Version Secure Hard Disk Drive; 3JN69A HP JetDirect 3100w BLE/NFC/Wireless Accessory; 8FP31A HP Jetdirect LAN Accessory; 2NR12A HP Removable Hard Drive Enclosure; 2MU47A HP Accessibility Assistant; X3D03A HP Universal Card Reader; 4QL32A HP Legic Reader; Y7C05A HP HIP2 Keystroke Reader; B5L28A HP Internal USB Ports

Acoustic power emissions (active, printing)

6.3 B(A) (Printing at 38 ppm)

Acoustic power emissions (ready)

4.7 B(A)

Acoustic power note

Acoustic values are subject to change. For current information see http://www.hp.com/support. Configuration tested: base model, simplex printing, A4 paper at an average of 38 ppm.

Acoustic pressure emissions bystander (active, printing)

51 dB(A) (Printing at 38 ppm)

Acoustic pressure emissions bystander (ready)

34 dB(A)

Additional information about HP

http://www.hp.com

Additional information about HP in the countries

hp.com

Automatic paper sensor

Yes

Blue Angel compliant

Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies

Blue Angel footnote

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.

Blue angel footnote number

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Bottom margin (A4)

2 mm absolute/5 mm assured image

Cable included

No, please purchase USB cable separately

Capacity

Optional 500 GB Hard Disk

Certifications and compliances

UL/cUL (US/Canada); RCM (Australia); TUV and GS Mark (Germany); Department of Industrial Standards of Cambodia; Bureau of Standards, Metrology and Inspection Ministry of Economic Affairs - BSMI (Taiwan); Certificate of China Compulsory Product Certification - CCC (China); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries.

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 Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, "Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://citrixready.citrix.com, Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix- For more information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix- For more information see http://hp.com/go/unixmodelscripts, UPD PCL6 / PS Printer Drivers-, For more information on the supported operating systems go to http://support.hp.com,

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 www.hp.com/go/upd

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 http://support.hp.com, 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-, For more information on the supported operating systems go to http://support.hp.com, 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 www.hp.com/go/upd

Connectivity, optional

HP Jetdirect LAN Accessory 8FP31A

Connectivity, standard

1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Wireless 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio; Hardware Integration Pocket

Control panel

4.3-in touchscreen with color graphics

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Count of cartons per pallet layer

2

Count of layers in pallet

4 (AMS), 3 (APJ, EMEA)

Country of origin

Made in Japan

Datasheet photo 1

Publication photos/7ZU79A.jpg

Datasheet photo 4

Publication photos/Madrid_M555_ULT_NA_Walkaround.jpg

Display

4.3-in (10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle)

Display area (imperial)

3.74 x 2.32 in

Display area (metric)

95.04 x 53.86 mm

Downloadable software

From http://123.hp.com-, HP Easy Start (Guided Software Install for Windows and Mac), From http://hp.com for Windows OS-, Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support, From http://hp.com for Mac OS-, HP Easy Start (Guided Software Install), HP Mac OS Print Driver, HP Easy Admin, For Mobile OS-, iOS For more information see http://hp.com/go/businessmobileprinting, Android For more information see http://hp.com/go/businessmobileprinting, From http://hp.com for printer administrators-, Printer Administrator Resource Kit (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI & PS GDI for Windows, HP ePrint Software (Mobile Driver for Windows), SAP Print Drivers for more information see http://support.hp.com/us-en/document/c05051702, HP Web JetAdmin, HP JetAdvantage Security Manager, HP Roam, HPLIP Linux Printer Driver for more information see http://hplipopensource.com/hplip-web/index.html, Unix Model Script Printer Driver for more information see http://hp.com/go/unixmodelscripts

Driver updates

Current HP printer drivers and software can be obtained from the HP Customer Care Website: 1. Go to http://www.hp.com/support. Select the country/region; 2. Select Drivers & Downloads; 3. Enter a product name/number; 4. Under Drivers and software/Driver language, select the language to receive a download in the language desired; 5. Select the operating system version; 6. Then select DOWNLOAD for the software desired.

Duplex printing

Automatic (standard)

Duty cycle (monthly, A4)

Up to 80,000 pages

Duty cycle (monthly, letter)

Up to 80,000 pages

Duty cycle note

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.

Dynamic security

Dynamic security enabled printer

Ecolabels

Blue Angel; CECP; ENERGY STAR® qualified; EPEAT® Silver

Ecolabels footnote

EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

Ecolabels footnote number

[1]

Electromagnetic compatibility

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, FCC CFR 47 Part 15 Class A, ICES-003, Issue 6 Class A. Other EMC approvals as required by individual countries.

Energy savings feature technology

HP Auto-On/Auto-Off Technology; Instant-on Technology

Energy star certified

Yes

Envelope Feeder

No

FCC Class A emissions

FCC Class A emissions - for use in commercial environments, not residential environments

Finished output handling

Sheetfed

First page out black (A4, ready)

As fast as 6.7 sec

First page out black (A4, sleep)

As fast as 9 sec

First page out black (letter, ready)

As fast as 6.6 sec

First page out black (letter, sleep)

As fast as 8.5 sec

First page out color (A4, ready)

As fast as 7.6 sec

First page out color (A4, sleep)

As fast as 9 sec

First page out color (letter, ready)

As fast as 7.5 sec

First page out color (letter, sleep)

First page out footnote

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.

First page out footnote number

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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 http://www.hp.com/go/laserjetfonts

Functions

Print

Image legal disclaimer

Product image may differ from actual product

Internal Storage

Optional, 500 GB (with accessory B5L29A)

Left margin (A4)

2 mm absolute/5 mm assured image

Mac compatible

Yes

Manufacturer Warranty

One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Maximum dimensions (W x D x H)

32.3 x 30.9 x 23.1 in

Maximum dimensions (W x D x H)

820 x 785 x 588 mm

Maximum input capacity (sheets)

Up to 2300 sheets

Maximum Memory

2 GB

Maximum output capacity (sheets)

Up to 250 sheets

Maximum print area

212 x 352 mm

Media size, tray 1

A4; RA4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; envelopes (B5, C5 ISO, C6, DL ISO); 76 x 127 to 216 x 356 mm

Media size, tray 2

A4; A5; B5 (JIS); B6 (JIS); 10 x 15 cm; A6; 16K; 102 x 148 to 216 x 297 mm

Media size, tray 3

A4; RA4; A5; B5 (JIS); 16K; 102 x 148 to 216 x 356 mm (standard in M553x)

Media sizes supported

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 Trays 3+: A4, RA4, A5, B5 (JIS), 16K; Custom: 102 x 148 to 216 x 356 mm

Media sizes supported

Tray 1: Letter, Legal, Oficio, Executive, Statement, 4×6 , 3×5 , 5×7 , 5×8 , Postcard (JIS), Double Postcard (JIS), 8.5×13 , Envelope (commercial No. 9, No. 10, Monarch); Custom: 3×5 to 8.5×14 in; Tray 2: Letter, Executive, Statement, 4×6 , 5×7 , 5×8 , Double Postcard (JIS); Custom: 4.0×5.85 to 8.5×11.69 in; Optional Trays 3+: Letter, Legal, Oficio, Executive, 8.5×13 ; Custom: 4.0×5.85 to 8.5×14 in

Media sizes supported, key

Media sizes supported, key

4 x 6 in; Letter; Legal; Envelopes

Media sizes, custom

Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.0 x 5.85 to 8.5 x 11.69 in; Optional Trays 3+: 4.0 x 5.85 to 8.5 x 14 in

Media sizes, custom

Tray 1: 76×127 to 216×356 mm; Tray 2: 102×148 to 216×297 mm; Optional Trays 3+: 102×148 to 216×356 mm

Media type and capacity, tray 1

Sheets (75 g/m² paper): 100; Transparencies, cardstock (163 g/m²): 50; Cardstock (216 g/m²): 30; Envelopes: 10

Media type and capacity, tray 2

Sheets (75 g/m² paper): 550; Labels, cardstock (163 g/m²), Transparencies: 200

Media type and capacity, tray 3

Sheets (75 g/m² paper): 550; Labels, cardstock (163 g/m²), Transparencies: 200

Media types

Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy) color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined

Media weight (tray 1)

60 to 220 g/m² (plain paper), 105 to 220 g/m² (glossy paper)

Media weight (tray 2)

60 to 220 g/m² (plain paper), 105 to 220 g/m² (glossy paper)

Media weight (tray 3)

60 to 220 g/m² (plain paper), 105 to 220 g/m² (glossy paper) (standard in M553x)

Media weight, supported

Tray 1: 16 to 58 lb (plain); 28 to 58 lb (glossy); Tray 2: 16 to 58 lb (plain paper); 28 to 58 lb (glossy paper); Optional Trays 3+: 16 to 58 lb (plain paper); 28 to 58 lb (glossy paper); Automatic Duplexer: 16 to 43 lb

Media weight, supported

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); Automatic Duplexer: 60 to 163 g/m^2

Memory

1 GB

Memory Slots

1 slot, 90-pin DDR3 Slim DIMM

Memory upgrade

Expandable to 2 GB through 1 GB 90-pin DDR3 DIMM

Minimum dimensions (W x D x H)

18 x 18.9 x 20.2 in

Minimum dimensions (W x D x H)

458 x 479 x 513 mm

Minimum System Requirements

2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com

Minimum System Requirements for Macintosh

2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com

Mobile printing capability

HP ePrint; Apple AirPrint™; NFC touch-to-print (optional); Mopria™ Certified; ROAM capable for easy printing; Wi-Fi® Direct printing

Mobile printing capability footnote

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

Mobile printing capability footnote number

[4]

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 (standard)

Network protocols, supported

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, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPs, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x

Number of print cartridges

4 (1 each black, cyan, magenta, yellow)

Number of users

5-15 Users

Operating humidity range

10 to 80% RH

Operating temperature range

10 to 32℃

Operating temperature range

50 to 91°F

Orderable supplies

B5L35A HP LaserJet 110v Fuser Kit; B5L36A HP LaserJet 220v Fuser Kit; B5L37A HP Color LaserJet Toner Collection Unit

Output capacity

Up to 250 sheets

Package dimensions (W x D x H)

29.5 x 23.6 x 23.6 in

Package dimensions (W x D x H)

750 x 600 x 598 mm

Package weight

39.6 kg

Package weight

87.3 lb

Page yield (set-up/inbox cartridges)

~5,500 pages black, ~3,500 pages cyan, magenta, yellow composite yield

Page yield footnote

Average black and color 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

Page vield footnote number

[2]

Pallet dimensions

47.3 x 31.5 x 100 in (AMS), 47.3 x 31.5 x 76.5 in (APJ, EMEA)

Pallet dimensions (W x D x H)

1200 x 800 x 2540 mm (AMS), 1200 x 800 x 1944 mm (APJ, EMEA)

Pallet weight

334 kg (AMS), 255 kg (APJ, EMEA)

Pallet weight

726 lb (AMS), 561 lb (APJ, EMEA)

Paper handling input, optional

550-sheet media input tray 3, 550-sheet media input tray 4, 550-sheet media input tray 5

Paper handling input, standard

100-sheet multipurpose tray, 550-sheet input tray 2, 550-sheet media input tray 3

Paper handling output, optional

none

Paper handling output, standard

250-sheet output bin

Paper trays, maximum

Paper trays, standard

3

Power

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). Not dual voltage, power supply varies by part number with # Option code identifier.

Power consumption

622 watts (Printing), 31.3 watts (Ready), 2.4 watts (Sleep), 0.06 watts (Auto-Off/Manual On), 0.69 watts (Auto-Off/Auto-On/Wake on LAN)

Power consumption Note

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. Energy Star Version 3.0 TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device

Power supply type

Built-in 115V or 220V Power Supply

Print colors

Yes

Print languages

HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7)

Print quality black (best)

HP ImageREt 3600

Print quality black (normal)

Up to 600 x 600 dpi

Print quality color (best)

HP ImageREt 3600

Print resolution black (fine lines)

Up to 1200 x 1200 dpi

Print resolution color (fine lines)

Up to 1200 x 1200 dpi

Print resolution color (normal)

Up to 600 x 600 dpi

Print Resolution Technologies

HP ImageREt 3600, Pantone Calibrated

Print speed

Print speed up to 40 ppm (black) and 40 ppm (color)

Print speed (A4/letter) footnote number

[6]

Print speed black (ISO, A4)

Up to 38 ppm

Print speed black (ISO, letter)

Up to 40 ppm

Print speed black (Landscape, A5)

Up to 59 ppm

Print speed black (Portrait, A5)

Up to 6 ppm

Print Speed Color (ISO)

Up to 38 ppm

Print speed color (ISO)

Up to 40 ppm

Print speed color (Landscape, A5)

Up to 59 ppm

Print speed color (Portrait, A5)

Up to 6 ppm

Print speed duplex (A4)

Up to 38 ipm

Print speed duplex (letter)

Up to 40 ipm

Print speed footnote

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.

Print speed footnote (A5)

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.

Print speed footnote number (A5)

[7]

Print technology

Laser

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)

Printer smart software features

Apple AirPrint™, Mopria-certified, HP ePrint, ROAM capable for easy printing, Wi-Fi Direct Printing, Bluetooth® Low-Energy, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 4.3" touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs

Processor speed

1.2 GHz

Product long name specifications

HP Color LaserJet Enterprise M555x

Product note

FCC Class A emissions device for use in commercial environments, not residential environments[13]

Quantity per pallet

8 (AMS), 6 (APJ, EMEA)

Recommended media weight (duplex)

Automatic: 105 to 220 g/m² (glossy), 60 to 163 g/m² (plain); Manual: 60 to 220 g/m² (all types)

Recommended media weight (duplex)

Automatic: 28 to 58 lb (glossy), 16 to 43 (plain); manual: 16 to 58 lb (all types)

Recommended monthly page volume

2000 to 10,000

Recommended monthly page volume note

HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over

an extended warranty period.

Recommended operating humidity range

30 to 70% RH

Recommended operating temperature range

15 to 27℃

Recommended operating temperature range

59 to 80.6°F

Replacement cartridges

W2120A HP 212A Black Original LaserJet Toner Cartridge (~5,500 pages); W2121A HP 212A Cyan Original LaserJet Toner Cartridge (~4,500 pages); W2123A HP 212A Magenta Original LaserJet Toner Cartridge (~4,500 pages); W2122A HP 212A Yellow Original LaserJet Toner Cartridge (~4,500 pages); W2120X HP 212X High Yield Black Original LaserJet Toner Cartridge (~13,000 pages); W2121X HP 212X High Yield Cyan Original LaserJet Toner Cartridge (~10,000 pages); W2123X HP 212X High Yield Magenta Original LaserJet Toner Cartridge (~10,000 pages); W2122X HP 212X High Yield Yellow Original LaserJet Toner Cartridge (~10,000 pages)

Replacement cartridges footnote

Average black and color 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

Replacement cartridges footnote number

[2]

Right margin (A4)

2 mm absolute/5 mm assured image

RMN number

BOISB-1406-03

Safety

IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007; Other safety approvals as required by individual countries.

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 WJA-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 FIPS 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

Software included

No software solutions are included in the Box, only on http://hp.com, http://123.hp.com

Standard input capacity (envelopes)

Up to 10

Standard media sizes (duplex)

A4; A5; RA4; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm)

Standard media sizes (duplex, imperial)

Letter; Legal; Executive; Oficio (8.5 x 13 in)

Standard output capacity (envelopes)

Up to 10 envelopes

Standard output capacity (transparencies)

Up to 100 sheets

Storage

4 GB non-volatile storage; Firmware encryption (AES 128 or AES 256) of customer/job data; Secure Cryptographic Erase – Job Data; Secure Erase – Disk

Storage device and direct print support

Front-facing USB/Flash drive; USB printing; Wi-Fi Direct; Bluetooth printing

Storage temperature range

-20 to 40°C

Storage temperature range

-4 to 104°F

Supplies feature

HP JetIntelligence Cartridge

Sustainable impact specifications

Mercury free

Target user and print volume

For teams up to 15 users; Prints up to 10,000 pages/month

Tariff numbers

8443321010 (National HTS) 8443321010 (AM Base HTS); 8443321000 (EU Base HTS); 84433231 (AP Base HTS)

Tech spec footnote

[1] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

Tech spec footnote

[2] Average black and color 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, M555, and MFP / Flow MFP M578 inbox color cartridges may have higher yield than stated for printer units manufactured before 2021.

Tech spec footnote

[3] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

Tech spec footnote

[4] 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

Tech spec footnote

[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. Blue Angel value typically based on measurement of 230V device.

Tech spec footnote

[6] 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.

Tech spec footnote

[7] 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.

Tech spec footnote

[8] 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.

Technology logo, print 1

Publication logos/AMS_EnergyStar.jpg

Technology logo, print 2

Publication logos/AMS_windows_10.jpg

Technology logo, print 3

Publication logos/AMS_mac_hires.jpg

Technology logo, print 4

Publication logos/AMS_Mopria.jpg

Technology logo, print 5

Publication logos/AMS_AirPrint.jpg

Technology logo, print 6

Publication logos/AMS_Epeat silver.jpg

Telecom compliance (fax capability)

Telecom Wireless: FCC CFR 47 Part 15 Subpart C & E; RSS-Gen Issue 4/RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; EN 301 489-1 V2.2.3; EN 301 489-17 V3.2.2; RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; EN 300 328 V2.1.1; EN 301 893 V2.1.1. Other Telecom approvals as required by individual countries.

Top key features

Roam; Two-sided printing; Energy Efficient; Strong Security

Top margin (A4)

2 mm absolute/5 mm assured image

Typical electricity consumption (TEC) footnote

Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

Typical electricity consumption (TEC) footnote number

[3]

Typical electricity consumption (TEC) number

1.368 kWh/Week (Blue Angel); 0.464 kWh/Week (Energy Star 3.0)

UPC number

(AB0) 194850414046; (ABJ) 194850414060; (ABT) 194850414077; (ABY) 194850414084; (AC8) 194850414091; (ACQ) 194850414114; (AKV) 194850414121; (B13) 194850414138; (B19) 194850414145; (BAZ) 194850414152; (BGJ) 194850414176; (BGM) 194850414183

Warm-up time

As fast as 176 sec

Warranty

One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Waste electrical and electronic weight

24.2 kg

Weight

33.4 kg

Weight

73.6 lb

Weight note (imperial)

With printer cartridges and included 550 sheet optional feeder

Weight note (metric)

With printer cartridges and included 550 sheet optional feeder

What is in the box footnote

Average black and color 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, M555, and MFP / Flow MFP M578 inbox color cartridges may have higher yield than stated for printer units manufactured before 2021.

What is in the box footnote number

[2]

What's in the box

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

Wireless capability

Embedded Dual-band Station and Wi-Fi Direct Functionality

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