

Product specifications

HP Data Sheet

HP Color LaserJet Enterprise M555 Printer series

Functions

Print

Print speed, color (draft)

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, black (normal)

Up to 40 ppm

Print speed, color (normal)

Up to 40 ppm

Printer page yield

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>

First page out (ready) black

As fast as 6.6 sec

First page out (ready) color

As fast as 7.5 sec

Resolution (black)

HP ImageREt 3600

Resolution (color)

HP ImageREt 3600

Resolution technology

HP ImageREt 3600, Pantone Calibrated

Monthly duty cycle

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.

Recommended monthly page volume

2000 to 10,000

Print Technology

Laser

Display

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

Processor speed

1.2 GHz

Number of print cartridges

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

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)^[2]

Product disclaimer

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:
www.hp.com/learn/ds

Print languages

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

Automatic paper sensor

Yes

Paper trays, standard

2

Paper trays, maximum

5

Mobile Printing Capability

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

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; Hardware Integration Pocket

Connectivity, optional

HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A

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

Minimum system requirements

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

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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

Memory, standard

1 GB

Memory, maximum

2 GB

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)

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

Hard disk

Optional, 500 GB (with accessory B5L29A)

Paper handling input, standard

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

Paper handling output, standard

250-sheet output bin

Duplex printing

Automatic (standard)

Finished output handling

Sheetfed

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, 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

Supported media weight

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 weights by paper path

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/m²

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)

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

Energy efficiency

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

Operating temperature range

50 to 91°F

Operating humidity range

30 to 70% RH

Software included

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

FCC

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

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.

Dimensions (W X D X H)

18 x 18.9 x 15 in

Dimensions Maximum (W X D X H)

32.3 x 30.9x 17.9 in

Weight

60.6 lb

Package weight

68.9 lb

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

Sustainability Impact

Mercury free