# HP LaserJet Pro M404dn (W1A53A)



## Overview

**The HP LaserJet Pro M404 printer – focus your time where it's most effective-growing your business**

Winning in business means working smarter. The HP LaserJet Pro M404 printer is designed to let you focus your time where it's most effective-helping to grow your business and staying ahead of the competition.

### Built to keep you – and your business – moving forward

Help decrease the amount of paper used in the office by printing on both sides of the page.

### Simply designed to uncomplicate your day

Set up this printer fast and easily manage device settings to help increase overall printing efficiency.

### HP's best-in-class security – detect and stop attacks[5]

A suite of embedded security features help protect your printer from being an entry point for attacks.[3]

### Sustainability is smart business

Avoid frustrating reprints, wasted supplies, and service calls using Original HP toner cartridges.

# Features

Enhanced security  Energy efficient

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*[3] Based on HP review of 2019 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims.*

*[5] Based on HP review of 2019 published security features of HP in-class printers. HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect.*

# Specifications

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| **Print Resolution Technologies** | HP FastRes1200, HP ProRes1200, Economode |
| **Print quality black (best)** | Fine Lines (1200 x 1200 dpi) |
| **Print speed black (ISO, A4)** | Up to 38 ppm (default) ; Up to 40 ppm (HP High Speed) |
| **Print speed** | Prints up to 40/42 ppm (A4/LTR) (HP High Speed) |
| **Bottom margin (A4)** | 5 mm |
| **Left margin (A4)** | 4 mm |
| **Right margin (A4)** | 4 mm |
| **Top margin (A4)** | 5 mm |
| **Functions** | Print |
| **Duplex printing** | Automatic (default) |
| **Duty cycle (monthly, A4)** | Up to 80,000 pages |
| **Printer smart software features** | Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, HP ePrint, HP Auto-On/Auto-Off Technology, Job Storage with PIN printing, N-up printing, collation |
| **Energy savings feature technology** | HP Auto-On/Auto-Off Technology; Instant-on Technology |
| **Replacement cartridges** | HP 59A Black LaserJet Toner Cartridge (3,000 pages) CF259A; HP 59X Black LaserJet Toner Cartridge (10,000 pages) CF259X |
| **Supplies feature** | HP JetIntelligence Cartridge |
| **Connectivity, standard** | 1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE) |
| **Network capabilities** | Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X |
| **Wireless capability** | No |
| **Mobile printing capability** | HP ePrint; Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ certified; HP app |
| **Network protocols, supported** | TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, HP ePrint, Apple AirPrint™, Google Cloud Print 2.0, Mopria, IPP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6), SSL Security and Certificate management; Management: SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download |
| **Software included** | No software solutions are included in the Box, only on http://www.hp.com, http://www.123.hp.com/laserjet |

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| **Compatible Operating Systems** | Windows Client OS (32/64-bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver, for more information on the supported operating systems go to http://www.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 http://www.hp.com/go/upd |
| **Sustainability specifications** | Mercury-free |
| **Energy star certified** | Yes |
| **Ecolabels** | CECP; Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified[10] |
| **Blue Angel compliant** | Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies |
| **Display area (metric)** | 4.55 x 1.35 cm |
| **Display** | 2-line backlit LCD graphic display |
| **Dimensions (W x D x H)** | 381 x 357 x 216 mm<br>*(Without trays and covers not extended)* |
| **Weight** | 8.56 kg |
| **Power consumption** | 495 watts (Active Printing), 5.5 watts (Ready), 0.5 watts (Sleep), 0.5 watts (Auto Off/Wake on LAN, enabled at shipment), 0.05 watts (Auto Off/Manual On), 0.05 (Manual Off)[8] |
| **Power supply type** | Internal (built-in) Power Supply |
| **What's in the box** | HP LaserJet Pro M404dn; Preinstalled HP 59A Black LaserJet Toner Cartridge (yield: 3,000 pages); Getting started guide; Support flyer; Warranty guide; Regulatory flyer; Power cord[11] |
| **Manufacturer Warranty** | One-year Bench/Depot Repair warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to http://www.hp.com/support to learn about HP award winning service and support options in your region. (wty code 4E; wty ID A033) |

## Additional specifications

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| **Acoustic power emissions (active, printing)** | 6.7 B(A) |
| **Acoustic power emissions (ready)** | 2.6 B(A) |
| **Acoustic pressure emissions bystander (active, printing)** | 54 dB(A) |
| **Acoustic pressure emissions bystander (ready)** | 15 dB(A) |
| **Additional information about HP** | https://www.hp.com |
| **Additional information about HP in the countries** | http://www.hp.com/uk |
| **Automatic paper sensor** | No |
| **Business filter** | cMPS |
| **Cable included** | No, please purchase USB cable separately |
| **Color or black** | Black and white |
| **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, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, 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://www.citrixready.citrix.com, Linux - for more information see http://www.developers.hp.com/hp-linux-imaging-and-printing, Unix - for more information see http://www.hp.com/go/unixmodelscripts, UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see http://www.hp.com/go/upd |
| **Component type** | Printer |
| **Control panel** | 2-line LCD; OK button; Left button; Right button; Cancel button; Back button; Ready LED; Error LED |
| **Datasheet photo 1** | AHID/25f4e161e4956813992add51888db5d9c9c5514d |
| **Datasheet photo 2** | AHID/90810b0c6c00d4288cf5227f5398847b31fbec1b |
| **Datasheet photo 3** | Publication photos/HP LaserJet Pro M404dw_W1A56A_Mogami_wap.jpg |
| **Datasheet photo 4** | Publication logos/2-sided_printing_thin_icon.jpg |
| **Datasheet photo 5** | Publication logos/High_yield_toner_cartridge_thin_icon.jpg |

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| **Downloadable software** | From http://www.123.hp.com: HP Easy Start (Guided Software Install for Windows and Mac); From http://www.hp.com for Windows OS: Fullsolution software and drivers, Basicsolution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support; From http://www.hp.com for Mac OS: HP Easy Start (Guided Software Install), HP Mac PS Print Driver, HP Easy Admin; For Mobile OS: iOS - for more information see http://www.hp.com/go/businessmobileprinting, Android - for more information see http://www.hp.com/go/businessmobileprinting; From http://www.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://www.support.hp.com/usen/document/c05051702, HP Web JetAdmin, HP JetAdvantage Security Manager, HP Roam, HPLIP Linux Printer Driver for more information see http://www.hplipopensource.com/hplipweb/index.html; Unix Model Script Printer Driver for more information see http://www.hp.com/go/unixmodelscripts |
| **Driver updates** | Latest supported operating systems and Print drivers available at http://www.hp.com/support/ljM404 |
| **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 |
| **Electromagnetic compatibility** | CISPR 32:2012/EN 55032:2012-Class B, CISPR 32:2015/EN 55032:2015-Class B, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010+A1:2015 |
| **End of Life CO2e (kg)** | 13.156 |
| **Energy Usage CO2e (kg)** | 8.497 |
| **Engine life** | 200000 |
| **Envelope Feeder** | No |
| **Finished output handling** | Sheetfed |
| **First page out black (A4, ready)** | As fast as 6.3 sec |
| **First page out black (A4, sleep)** | As fast as 8.8 sec |
| **Fonts and typefaces** | 84 scalable TrueType fonts |
| **Input capacity** | Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets) |
| **Internal Storage** | None |
| **Mac compatible** | Yes |
| **Maximum Memory** | 256 MB |
| **Maximum dimensions (W x D x H)** | 381 x 781 x 241 mm |
| **Maximum input capacity (sheets)** | Up to 900 sheets |
| **Maximum output capacity (sheets)** | Up to 150 sheets |
| **Maximum print area** | 207.4 x 347.1mm |

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| **Media size, tray 1** | A4, A5, A6, B5 (JIS), B6 (JIS), 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), 10 x 15 cm, Oficio (216 x 340 mm), postcards (JIS single, JIS double), envelopes (DL, C5, B5) |
| **Media size, tray 2** | A4, A5, A6, B5 (JIS), B6 (JIS), 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), 10 x 15 cm, Oficio (216 x 340 mm), postcards (JIS single, JIS double), envelopes (DL, C5, B5) |
| **Media size, tray 3** | A4, A5, A6, B5 (JIS), B6 (JIS), 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), 10 x 15 cm, Oficio (216 x 340 mm), postcards (JIS single, JIS double) |
| **Media sizes supported** | Tray 1, Tray 2: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); Postcards (JIS single, JIS double); Envelopes (DL, C5, B5); Optional Tray 3: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); Postcards (JIS single, JIS double); Automatic duplexer: A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Oficio (216 x 340 mm) |
| **Media sizes supported, key** | 10 x 15 cm; A4; Envelopes |
| **Media sizes, custom** | Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional Tray 3: 100 x 148 to 216 x 356 mm |
| **Media type and capacity, tray 1** | Sheets: 100; Envelopes: 10 |
| **Media type and capacity, tray 2** | Sheets: 250 |
| **Media type and capacity, tray 3** | Sheets: 550 |
| **Media types** | Paper (plain, EcoFFICIENT, light, heavy, bond, coloured, preprinted, prepunched, recycled, rough); Envelopes; Labels |
| **Media weight (tray 1)** | 60 to 200 g/m² |
| **Media weight (tray 2)** | 60 to 120 g/m² |
| **Media weight (tray 3)** | 60 to 120 g/m² (optional 550 sheet tray) |
| **Media weight, supported** | Tray 1: 60 to 200 g/m²; Tray 2: Optional 550 sheet; Tray 3: 60 to 120 g/m² |
| **Memory** | 256 MB |
| **Minimum System Requirements** | 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see http://www.microsoft.com |
| **Minimum System Requirements for Macintosh** | 2 GB available hard disk space, Internet connection or USB port, for additional OS hardware requirements see http://www.apple.com |
| **Model number** | M404dn |
| **Number of users** | 3-10 Users |
| **Operating humidity range** | 10 to 80% RH |
| **Operating temperature range** | 15 to 32.5°C |
| **Output capacity** | Up to 150 sheets |
| **Package dimensions (W x D x H)** | 443 x 274 x 464 mm |
| **Package weight** | 10.5 kg |
| **Page yield (set-up/inbox cartridges)** | ~3000 pages black |
| **Paper handling input, optional** | Optional third 550 sheet tray |

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| **Paper handling input, standard** | 100 sheet multipurpose Tray 1, 250 sheet input Tray 2 |
| **Paper handling output, standard** | 150 sheet output bin |
| **Paper trays, maximum** | 3 |
| **Paper trays, standard** | 2 |
| **Photo (product photo, jpg, 70x100)** | Printing and Digital Imaging/CB515A_70x100.jpg |
| **Power** | 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) |
| **Print Cartridges/Bottle, Number** | 1 (black) |
| **Print Technology** | Laser |
| **Print colors** | No |
| **Print languages** | HP PCL 6, HP postscript level 3 emulation, PDF, URF, PWG Raster |
| **Print quality black (normal)** | Normal (native 600 x 600 dpi, enhanced up to 4800 x 600 dpi) |
| **Print resolution black (fine lines)** | Fine Lines (1200 x 1200 dpi) |
| **Print speed black (Landscape, A5)** | Up to 63 ppm |
| **Print speed black (Portrait, A5)** | Up to 14 ppm |
| **Print speed duplex (A4)** | Up to 31 ipm |
| **Print speed footnote (A5)** | Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. |
| **Print technology** | Laser |
| **Printer Management** | HP Printer Assistant; HP Utility (Mac); 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 black pages (MPV black)** | 600 |
| **Processor speed** | 1200 MHz |
| **Product long name specifications** | HP LaserJet Pro M404dn, Black and white Printer for Business, Print, Two-sided printing |
| **Product short name specifications** | HP LaserJet Pro M404dn Black and white Printer, Ethernet Only; Duplex |
| **Production CO2e (kg)** | 100.495 |
| **Recommended media weight (duplex)** | 60 to 120 g/m² |
| **Recommended monthly page volume** | 750 to 4,000[4] |
| **Recommended operating humidity range** | 30 to 70% RH |
| **Recommended operating temperature range** | 17.5 to 25°C |

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| **Safety** | IEC 60950-1:2005+A1:2009+A2:2013/EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013; IEC 60825-1:2014/EN 60825-1:2014 (Class 1 Laser/LED Product); IEC 62479: 2010/EN 62479:2010 |
| **Security management** | Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS; Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2, and SNMPv3, community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; Firewall and ACL; Control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, 802.1x authentication (EAP-TLS, and PEAP); Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, Compatible with optional HP JetAdvantage Security Manager |
| **Segment (filter)** | Business |
| **Standard input capacity (envelopes)** | Up to 10 envelopes |
| **Standard media sizes (duplex)** | A4; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5; Oficio |
| **Standard output capacity (envelopes)** | Up to 10 envelopes |
| **Storage** | Optional Job storage via external rear host USB port (Minimum 16 GB) |
| **Storage device and direct print support** | Optional job storage via external rear host USB port (Minimum 16GB) |
| **Storage temperature range** | -20 to 40°C |
| **Target user and print volume** | For teams up to 10 users; Prints up to 4,000 pages/month |
| **Technology logo 2** | Publication logos/windows 10_logo2.jpg |
| **Technology logo 3** | Publication logos/MacOSX_Universal_new.jpg |
| **Technology logo 4** | Publication logos/wifi certified.jpg |
| **Technology logo 5** | Publication logos/USBhiColour_new.jpg |
| **Technology logo 6** | Publication logos/AirPrint.jpg |
| **Top key features** | Fast first page out speeds; Compact Size; Energy Efficient; Strong Security |
| **Total CO2e (kg)** | 132.704<br>*(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)* |
| **Transportation CO2e (kg)** | 10.556 |
| **Typical electricity consumption (TEC) footnote** | Blue Angel TEC is equal to Best TEC. 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 value typically based on measurement of 115V device. |
| **Typical electricity consumption (TEC) number** | Blue Angel: 1.10 kWh/Week; Energy Star 3.0: 0.371 kWh/Week[9] |

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| **UNSPSC code** | 43212105 |
| **UPC number** | (ABT) 192018895133; (ABY) 192018895140; (ACQ) 192018895157; (B19) 192018902855; (BAZ) 192018902862 |
| **Warm-up time** | As fast as 45 sec |
| **Waste electrical and electronic weight** | 8.56 kg |
| **Web address for additional information** | http://www.hp.com/go/support |

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*[4] 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.*

*[8] 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 values typically based on measurement of 115V device.*

*[9] Blue Angel TEC is equal to Best TEC. 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 value typically based on measurement of 115V device.*

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

*[11] In box cartridge yield: 1,500 black pages based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see: http://www.hp.com/go/learnaboutsupplies. Pages may vary based on customer printing conditions and usage.*

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# Accessories

## Paper Handling

★ : Recommended

### Input Trays

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|---|---|
| HP LaserJet Pro 550-sheet Feeder Tray | **D9P29A** ★ |

# Services

## Document & Printing

★ : Recommended

### Support Services (for Document & Printing)

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|---|---|
| HP 1 year Post Warranty Next Business Day Service for LaserJet Pro M404 M405 M304 M305 | UB9U3PE |
| HP 1 year Post Warranty Return to Depot Service for LaserJet Pro M404 M405 M304 M305 | UB9U6PE |
| HP 3 year Next Business Day Service for LaserJet Pro M404 M405 M304 M305 | UB9T8E |
| HP 3 year Return to Depot Service for LaserJet Pro M404 M405 M304 M305 | UB9U2E |
| HP 4 year Next Business Day Service for LaserJet Pro M404 M405 M304 M305 | UB9T9E |
| HP 5 year Next Business Day Service for LaserJet Pro M404 M405 M304 M305 | UB9U0E |
| HP Installation Service with network configuration for Personal Scanner and Printer (1 unit) | U9JT1E |

# Ink/Toner/Paper/Printer Supplies

## HP Laser Toner Cartridges and Kits

★ : Recommended

### HP Black and White Laser Toner Printer Cartridges

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|---|---|
| HP 59A Black Original LaserJet Toner Cartridge | CF259A |
| HP 59X High Yield Black Original LaserJet Toner Cartridge | CF259X |

## HP Business Papers

### HP Business Papers for laser

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|---|---|
| HP Enhanced Business Paper Glossy 150 g/m2 A4 (210 x 297 mm) 150 sheets | CG965A |
| HP Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets | 7MV83A |
| HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets | 7MV80A |

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