HP LaserJet Pro M404dn (W1A53A)

Active as of 6/1/2019

Detailed Specifications

Accessories
D9P29A HP LaserJet 550-sheet Feeder Tray; P0R81AA HP v222w 16GB Mini USB Drive

Acoustic power emissions (active, printing)
6.7 B(A)

Acoustic power emissions (ready)
2.6 B(A)

Acoustic power footnote number
[6]

Acoustic pressure emissions bystander (active, printing)
54 dB(A)

Acoustic pressure emissions bystander (ready)
15 dB(A)

Automatic paper sensor
No

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

Bottom margin (A4)
5 mm

Cable included
Yes, 1 USB cable (AP only); No, please purchase USB cable separately (EMEA, Americas)

Code name
Mogami dn

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 - Upto 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, UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see http://hp.com/go/upd

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://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

Connectivity, standard
1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)

Control panel
2-line LCD; OK button; Left button; Right button; Cancel button; Back button; Ready LED; Error LED

Count of cartons per pallet layer

Count of layers in pallet
5 (NA), 4 (EMEA, AP)

Country of origin
Made in Philippines; Made in Japan (W1A53A#201); Made in Brazil (W1A53A#696, #697, #AC8)

Datasheet photo 1
Publication photos/W1A53A.jpg

Datasheet photo 4
Publication photos/M404 series.jpg

Datasheet publication number
4AA7-4860

Dimension note (imperial)
Without trays and covers not extended

Dimension(W x D x H) Footnote Number
[1]

Dimensions (W x D x H) Note
Without trays and covers not extended

Display
2-line backlit LCD graphic display

Display area (imperial)
1.79 x 0.53 in

Display area (metric)
4.55 x 1.35 cm

Downloadable software
From http://123.hp.com, HP Easy Start (Guided Software Install for Windows and Mac), From http://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://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://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/usen/document/c05051702, HP Web JetAdmin, HP JetAdvantage Security Manager, HP Roam, HPLIP Linux Printer Driver for more information see http://hplipopensource.com/hplipweb/index.html, Unix Model Script Printer Driver for more information see http://hp.com/go/unixmodelscripts

Driver updates
Latest supported operating systems and Print drivers available at HTTP://www.hp.com/support/ljM404

Duplex printing
Automatic (default)

Duty cycle (monthly, A4)
Up to 80,000 pages

Duty cycle (monthly, letter)
Up to 80,000 pages

Duty cycle footnote number
[10]

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.

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, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 6

Energy efficiency

ENERGY STAR® qualified; EPEAT® Silver; CECP

Energy efficiency compliance footnote number
[13]

Energy savings feature technology
HP Auto-On/Auto-Off Technology; Instant-on Technology

Energy star certified
Yes

Envelope Feeder
No

Environmental
Mercury-free

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 6.3 sec

First page out black (A4, sleep)
As fast as 8.8 sec

First page out black (letter, ready)
As fast as 6.1 sec

First page out black (letter, sleep)
As fast as 8.6 sec

First page out footnote number
[9]

Fonts and typefaces
84 scalable TrueType fonts

Functions
Print

Image legal disclaimer
Product image may differ from actual product

Input capacity
Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets)

Internal Storage
None

Left margin (A4)
4 mm

Legal disclaimer
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Mac compatible
Yes

Maximum dimensions (W x D x H)
15 x 25 x 9.5 in

Maximum dimensions (W x D x H)
381 x 634 x 241 mm

Maximum input capacity (sheets)
Up to 900 sheets

Maximum Memory
256 MB

Maximum output capacity (sheets)
Up to 150 sheets

Maximum print area
207.4 x 347.1mm

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
Tray 1, Tray 2: Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in, envelopes (No 10, Monarch); Optional Tray 3: Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in; Automatic duplexer: Letter, legal, executive, Oficio (8.5 x 13 in)

Media sizes supported, key
10 x 15 cm; A4; Envelopes

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, optional Tray 3: 3.94 x 5.83 to 8.5 x 14 in

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, colored, letterhead, 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: 16 to 46.6 lb; Tray 2 and Optional 550-sheet Tray 3: 16 to 32 lb

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 dimensions (W x D x H)
15 x 14.06 x 8.5 in

Minimum dimensions (W x D x H)
381 x 357 x 216 mm

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

Minimum System Requirements for Macintosh
2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com

Mobile printing capability
Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps; Mopria™ Certified; ROAM capable for easy printing

Mobile printing capability footnote number
[5]

Network capabilities
Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X

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

Number of print cartridges
1 (black)

Number of users
3-10 Users

Operating humidity range
10 to 80% RH

Operating temperature range
15 to 32.5°C

Operating temperature range
59 to 90.5°F

Orderable supplies
CF258A HP 58A Black LaserJet Toner Cartridge (~3,000 pages); CF258X HP 58X Black LaserJet Toner Cartridge (~10,000 pages)

Output capacity
Up to 150 sheets

Package dimensions (W x D x H)
17.44 x 10.78 x 18.26 in

Package dimensions (W x D x H)
443 x 274 x 464 mm

Package weight
10.5 kg

Package weight
23.1 lb

Page yield footnote number
[4]

Pallet dimensions
47.24 x 39.37 x 97.44 in (NA), 47.24 x 39.37 x 79.17 in (EMEA, AP)

Pallet dimensions (W x D x H)
1200 x 1000 x 2475 mm (NA), 1200 x 1000 x 2011 mm (EMEA, AP)

Pallet weight
1089.4 lb (NA), 881.5 lb (EMEA, AP)

Pallet weight
495.2 kg (NA), 400.7 kg (EMEA, AP)

Paper handling input, optional
Optional third 550-sheet tray

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

Power
110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual voltage, product varies by part number with # Option code identifier)

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)

Power consumption footnote number
[2]

Power supply type
Internal (built-in) Power Supply

Print colors
No

Print languages
HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, PWG Raster

Print quality black (best)
Fine Lines (1200 x 1200 dpi)

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 Resolution Technologies
HP FastRes1200, HP ProRes1200, Economode

Print speed
Prints up to 40/42 ppm (A4/LTR) (HP High Speed)

Print speed (A4/letter) footnote number
[7]

Print speed black (ISO, A4)
Up to 38 ppm (default) ; Up to 40 ppm (HP High Speed)

Print speed black (ISO, letter)
Up to 40 ppm (default) ; Up to 42 ppm (HP High Speed)

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 duplex (letter)
Up to 33 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

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 smart software features
Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, HP ePrint, Roam capable for easy printing, HP Auto-On/Auto-Off Technology, Job Storage with PIN printing, N-up printing, collation

Processor speed
1200 MHz

Quantity per pallet
45 (NA), 36 (EMEA, AP)

Recommended media weight (duplex)
16 to 32 lb

Recommended media weight (duplex)
60 to 120 g/m²

Recommended monthly page volume
750 to 4000

Recommended monthly page volume footnote number
[11]

Recommended operating humidity range
30 to 70% RH

Recommended operating temperature range
17.5 to 25℃

Recommended operating temperature range
63.5 to 77℉

Replacement cartridges
AMS: For distribution and use in North America and Latin America only: HP 58A Black LaserJet Toner Cartridge (~3,000 pages), CF258A; HP 58X Black LaserJet Toner Cartridge (~10,000 pages), CF258X; EMEA: For distribution and use in Europe, Middle East, Russia, CIS, and Africa only: HP 59A Black LaserJet Toner Cartridge (~3,000 pages), CF259A; HP 59X Black LaserJet Toner Cartridge (~10,000 pages), CF259X; APJ: For distribution and use only in Asia Pacific - excluding China (PRC) and India: HP 76A Black LaserJet Toner Cartridge (~3,000 pages), CF276A; HP 76X Black LaserJet Toner Cartridge (~10,000 pages), CF276X

Replacement cartridges footnote number
[3]

Right margin (A4)
4 mm

RMN number
SHNGC-1800-00

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

Services (Care Pack)
UB9T8E HP 3 year Next Business Day Service for LaserJet Pro M404; UB9U1E HP 3 year Next Business Day Exchange Service for LaserJet Pro M404; UB9U3PE HP 1 year Post Warranty Next Business Day Service for LaserJet Pro M404

Software included
No software solutions are included in the Box, Download software at http://123.hp.com/laserjet or http://hp.com

Standard input capacity (envelopes)
Up to 10

Standard media sizes (duplex)
A4; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5; Oficio

Standard media sizes (duplex, imperial)
Letter; Legal; Executive; Oficio (8.5 x 13 in)

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

Storage temperature range
-4 to 104°F

Supplies feature
HP JetIntelligence Cartridge

SureSupply footnote number
[12]

SureSupply supported
Yes

Target user and print volume
For teams up to 10 users; Prints up to 4,000 pages/month

Tariff numbers
(AM) 8443321010; (EU) 8443321000; (AP) 84433231

Tech spec footnote
[1] Without trays and covers not extended

Tech spec footnote
[10] 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.

Tech spec footnote
[11] 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

Tech spec footnote
[12] HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit http://www.hp.com/go/SureSupply; only available with Original HP supplies; Internet access required.

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

Tech spec footnote
[14] In box cartridge yields 3,000 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.

Tech spec footnote

[15] BA 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.

Tech spec footnote

[2] 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.

Tech spec footnote

[3] Toner cartridges designed for distribution and use within a designated region only; will not work outside of designated region.

Tech spec footnote

[4] Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies

Tech spec footnote

[6] 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 40 ppm.

Tech spec footnote

[7] 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

[8] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

Tech spec footnote

[9] 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_AirPrint.jpg

Top key features

Fast first page out speeds; Compact Size; Energy Efficient; Strong Security

Top margin (A4)

5 mm

Typical electricity consumption (TEC) footnote

BA 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) footnote number

[15]

Typical electricity consumption (TEC) number

1.10 kWh/Week (Blue Angel); 0.371 kWh/Week (Energy Star 3.0)

UNSPSC code

43212105

UPC number

(201) 192018902909; (BGJ) 192018902916

Warm-up time

As fast as 45 sec

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 hp.com/support to learn about HP award winning service and support options in your region. (wty code 4E; wty ID A033)

Waste electrical and electronic weight

8.56 kg

Web address for additional information

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

Weight

18.87 lb

Weight

8.56 kg

What is in the box footnote number

[14]

What's in the box

HP LaserJet Pro M404dn; Preinstalled HP Black LaserJet Toner Cartridge (59A for EMEA, 58A for AMS, 76A for AP, yield ~3,000 pages); Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable (AP Only)

Wireless capability

No