



HP Sales Central

HP LaserJet Pro MFP 4104dw Printer (2Z632A)

Active as of 01-08-2022



Overview

This printer is built for maximum productivity with fast speeds and reliable hardware, delivering effortless everyday use from wherever work happens so you can focus more on your business.

Powerful performance.

Support your dynamic workteam with this high-speed smart printer, ideal for up to 10 users.

Step up your workflow with HP Pro-class maximum print speed to meet high-demand environments.¹

Scan both sides with a single pass. Dual-sided scanning allows your users to get more done in less time.

Powerful productivity.

Automate to accomplish more. Simple shortcuts enable your people complete multistep tasks with just a touch.

No PC or driver required. Print or scan on the spot from your USB drive.

Get productivity in the palm of your hand. Print, scan and get time-saving Shortcuts with HP Smart app.²

Seamless management

Connect your HP printers. Robust features and smart tools help your people do more, wherever work happens.

Access your printers from a single dashboard. Smart Admin guides you through setup and gives IT visibility.³

Centralize print management for your enterprise. HP Web Jetadmin makes it easy with its suite of features.⁴

Large workteam solution.

Support your dynamic workteam with this high-speed smart printer, ideal for up to 10 users.

HP Pro-class print speed

Step up your workflow. HP Pro-class print speed reaches up to 42 ppm to meet high-demand environments.¹

Walk-up USB

No PC or driver required. Print or scan on the spot from your USB drive.

HP Smart.

Get productivity in the palm of your hand. Print, scan, and save time with Shortcuts from HP Smart.²

Specifications

Functions

Print, copy, scan

Print speed black (ISO, A4)

Up to 40 ppm⁷1

([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.)

3

Print speed duplex (A4)

Up to 34 ipm

First page out black (A4, ready)

As fast as 6.3 sec

Duty cycle (monthly, A4)

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

750 to 4,000

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

3

Number of users

3-10 Users

Print technology

Laser

Print quality black (best)

Fine Lines (1200 x 1200 dpi)

Processor speed

1200 MHz

Print languages

HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster

Display

2.7" (6.86 cm) intuitive color touchscreen (CGD)

Print colors

No

Number of print cartridges

1 (black)

Automatic paper sensor

No

Mac compatible

Yes

Printer Management

HP Printer Assistant; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent (Part of HP WebJetAdmin); HP WS Pro Proxy Agent (Part of HP WebJetAdmin); Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver; Deployment Utility - Managed

Printing Administrator)

Fonts and typefaces

84 scalable TrueType fonts

Mobile printing capability

HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; Optional ROAM Queue Printing; HP ROAM For Business

Connectivity, standard

1 Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet LAN 10/100/1000BASE-T network; 802.3az(EEE); 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio + BLE

Minimum System Requirements

2 GB available hard disk space; Internet connection or USB port; Internet browser. For additional OS hardware requirements see [microsoft.com](https://www.microsoft.com);

Minimum System Requirements for Macintosh

2 GB available hard drive space; Internet connection or USB port; Internet browser. For additional OS hardware requirements see [apple.com](https://www.apple.com);

Compatible Operating Systems

Windows 11; Windows 10; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Chrome OS

Compatible Network Operating Systems

Windows 8; Windows Server; Linux; Citrix; Novell

Memory

512 MB

Maximum Memory

512 MB

Internal Storage

No

Paper handling input, standard

100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF)

Paper handling input, optional

Optional third 550-sheet tray

Input capacity

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

Maximum input capacity (sheets)

Up to 900 sheets (with Optional 550-sheet tray)

Paper handling output, standard

150-sheet output bin

Output capacity

Up to 150 sheets

Maximum output capacity (sheets)

Up to 150 sheets

Finished output handling

Sheetfeed

Duplex printing

Automatic (default)

Paper trays, standard

2

Paper trays, maximum

3

Envelope Feeder

No

Maximum Input Capacity (envelopes)

Up to 10 envelopes

Media sizes supported

Tray 1: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Japanese Postcard; Double Japan Postcard Rotated; Envelope #10; Envelope Monarch; Envelope B5; Envelope C5; Envelope DL; Custom Size; 4 x 6 in; 5 x 8 in; Statement; Tray 2 & Tray 3: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Custom Size; A5-R; 4 x 6 in; B6 (JIS)

Media sizes, custom

Tray 1: 76.2 x 127 to 215.9 x 355.6 mm; Tray 2, 3: 104.9 x 148.59 to 215.9 x 355.6 mm

Media types

Paper (plain, EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough); envelopes; labels;

Media weight, supported

Tray 1: 60 to 200 g/m²; tray 2, optional 550-sheet tray 3: 60 to 120 g/m²

Scanner type

Flatbed, ADF

Scan file format

PDF, JPG, TIFF

Scan resolution, optical

Up to 1200 x 1200 dpi

Bit depth

24-bit

Scan size, maximum

216 x 297 mm

Scan size (ADF), maximum

216 x 356 mm

Automatic document feeder capacity

Standard, 50 sheets

Scan speed (normal, A4)

Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color)¹¹ 1

Scan input modes

Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA

Copy speed (black, normal quality, A4)

Up to 40 cpm

Copy resolution (black text)

Up to 600 x 600 dpi

Copy resolution (color text and graphics)

Up to 600 x 600 dpi

Copy reduce / enlarge settings

25 to 400%

Copies, maximum

Up to 9999 copies

Copier settings

ID Copy; Number of copies; Resize (including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Best); Save Current Settings; Restore Factory Defaults

Fax delayed sending

No

Fax Polling

No

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 supply type

Internal (Built-in) power supply

Power consumption

510 watts (active printing), 7.5 watts (ready), 0.9 watts (sleep), 0.9 watts (Auto Off/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off)

(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.)

3

Typical electricity consumption (TEC) number

0.40 kWh/Week (Blue Angel); 0.44 kWh/Week (Energy Star 3.0)

Ecolabels

CECP; SEPA; IT ECO Declaration

Energy star certified

No

Operating temperature range

10 to 32.5°C

Recommended operating humidity range

30 to 70% RH

Minimum dimensions (W x D x H)

420 x 390 x 323 mm

(without trays and covers not extended)

3

Maximum dimensions (W x D x H)

430 x 634 x 325 mm

(without trays and covers not extended)

3

Weight

12.6 kg

UPC number

(460) 196548904716; (AB2) 195161936623; (ACJ) 195161936630

Package dimensions (W x D x H)

497 x 398 x 490 mm

Package weight

15.5 kg

Quantity per pallet

AMS: 30, EMEA/APJ: 24

Pallet dimensions (W x D x H)

AMS: 1200 x 1000 x 2601 mm, EMEA/APJ: 1200 x 1000 x 2111 mm

Pallet weight

AMS = 485 kg, EMEA/APJ = 393 kg

Country of origin

Made in China

What's in the box

Preinstalled HP Black Original LaserJet Toner Cartridge

Getting Started Guide

Support Flyer

Warranty Guide

Regulatory Flyer

Power cord

USB cable (AP & Wireless Only)

Cable included

Yes, 1 USB; 1 USB PC to Printer (AP and Wireless); No, please purchase USB cable separately (EMEA, NA)

Replacement cartridges

HP 152A Black Original LaserJet Toner Cartridge (~3,050 pages), W1520A; HP 152X Black Original LaserJet Toner Cartridge (~9,700 pages), W1520X

([4] Declared yields 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/toneryield>)

3

Software included

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

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

Overview

- 1 Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- 2 Requires the HP Smart app download. For details on local printing requirements see www.hp.com/go/mobileprinting. Certain features/software are available in English language only, and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details at www.hpsmart.com. Internet access required and must be purchased separately. HP account required for full functionality. For more information, see www.hpsmart.com.
- 3 Easy setup and manage - Requires use of Smart Admin Dashboard for printer setup and onboarding of users.
- 4 HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.

Specifications

- 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.
- 11 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

Detailed Specifications

Acoustic power emissions (active scan)

6.2 B(A)

Acoustic power emissions (active, printing)

6.7 B(A)

Acoustic power emissions (ready)

Inaudible

Acoustic power note

Configuration tested: base model, simplex printing, A4 paper at an average of 40 ppm

Acoustic pressure emissions bystander (active scan)

48 dB(A)

Acoustic pressure emissions bystander (active, printing)

54 dB(A)

Acoustic pressure emissions bystander (ready)

Inaudible

Additional information about HP

<http://www.hp.com>

Additional information about HP in the countries

<http://www.hp.com/uk>

Auto fax reduction supported

No

Automatic document feeder capacity

Standard, 50 sheets

Automatic paper sensor

No

Bit depth

24-bit

Blue Angel compliant

No, please refer to the ECI (Ecolabel Comparison Information) document

Blue Angel footnote

[9] 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 and 230V for Blue Angel.

Blue angel footnote number

[9]

Bottom margin (A4)

4.3 mm

Business filter

cMPS

Cable included

Yes, 1 USB; 1 USB PC to Printer (AP and Wireless); No, please purchase USB cable separately (EMEA, NA)

Cartons per layer

6

Certifications and compliances

RCM (Australia), TUV and GS Mark (Germany), BSMI (Taiwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, Chile, Argentina, Indonesia, Singapore, Philippines, etc.

Code name

Lochsa

Color or black

Black and white

Color scanning

Yes

Compatible Network Operating Systems

Windows 8; Windows Server; Linux; Citrix; Novell

Compatible Operating Systems

Windows 11; Windows 10; Windows 7; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Chrome OS

Component type

Printer

Connectivity, standard

1 Hi-Speed USB 2.0; 1 rear host USB; 1 Front USB port; Gigabit Ethernet LAN 10/100/1000BASE-T network; 802.3az(EEE); 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio + BLE

Control panel

2-line LCD; OK button; Left button; Right button; Cancel button; Back button; Ready LED; Error LED; Wi-Fi LED (only for wireless bundle)

Copier scaling (ADF)

25 to 400%

Copier settings

ID Copy; Number of copies; Resize (including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality (Draft/Normal/Best); Save Current Settings; Restore Factory Defaults

Copies, maximum

Up to 9999 copies

Copy reduce / enlarge settings

25 to 400%

Copy resolution (black text)

Up to 600 x 600 dpi

Copy resolution (color text and graphics)

Up to 600 x 600 dpi

Copy speed (black, normal quality, A4)

Up to 40 cpm

Copy speed black (normal, letter)

Up to 42 cpm

Copy speed black duplex (A4)

Up to 34 cpm

Copy speed black duplex (Letter)

Up to 36 cpm

Copy speed note

First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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 and document complexity.

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Count of layers in pallet

AMS: 5, EMEA/APJ: 4

Country of origin

Made in China

Datasheet photo 1

AHID/eb172deb32527a9d39467f7110f01e1c0dff3202

Datasheet photo 2

Publication photos/Lochsa_M444fdwe_DarkBasalt_Catalog_FrontRightClosed wyh.jpg

Datasheet photo 3

Publication photos/walkaround 1 for Lochsa wyh.jpg

Datasheet photo 4

Publication logos/Optimized_performance wyh.jpg

Datasheet photo 5

Publication logos/HP_Web_Jetadmin.wyh.jpg

Dimension note (imperial)

without trays and covers not extended

Dimensions (W x D x H) Note

without trays and covers not extended

Display

2.7" (6.86 cm) intuitive color touchscreen (CGD)

Display area (imperial)

2.13 x 1.59 in

Display area (metric)

5.4 x 4.05 cm

Distinctive ring detection supported

No

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 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 For more information on the supported operating systems go to <http://support.hp.com>, SAP Print Drivers for more information see <http://support.hp.com/us-en/document/c05051702>, HP Web JetAdmin, HP JetAdvantage Security Manager, 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/unixmodelscripits>, 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, Supported Operating systems, For more information on the supported operating systems also see www.hp.com/go/upd, HP Smart Suite- Basic (Only supported on Windows 10 and above), HP Smart Suite- Advanced (Only supported on Windows 10 and above), HP SmartApp (Only supported on Windows 10 and above), HP SmartDriver, HP PrintScanDr, HP WebJetAdmin + Workpath, HP Command Center, Chrome Extension, Android Plug-in;

Driver updates

Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to <http://www.hp.com/support/> (country/region may need to be selected), Select "Support", Select "Software and Drivers" Select "Printer" Enter a product name/number (The operating system is automatically detected), Select a driver or other software, Select "Download";

Duplex ADF scanning

Yes

Duplex printing

Automatic (default)

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

CECP; SEPA; IT ECO Declaration

Ecolabels footnote

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

Electromagnetic compatibility

CISPR 32:2015 Class B / EN 55032:2015 Class B; CISPR 35:2016 / EN 55035:2017 Class B; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 61000-4-12:2016; FCC CFR 47 Part 15 Class B; ICES-003, Issue 7 Class B

Energy savings feature technology

HP Auto-On/Auto-Off Technology; Instant-on Technology; EcoSmart black toner

Energy star certified

No

Engine life

200000

Enhanced scanning resolution

Up to 1200 x 1200 dpi

Envelope Feeder

No

Fax delayed sending

No

Fax phone TAM interface supported

No

Fax Polling

No

Finished output handling

Sheetfeed

First copy out black (A4)

As fast as 7.2 sec

First copy out black (A4, sleep)

As fast as 9.5 sec

First copy out black (letter)

As fast as 6.8 sec

First copy out black (letter, sleep)

As fast as 9.1 sec

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

[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.

First page out footnote number

[8]

Fonts and typefaces

84 scalable TrueType fonts

Functions

Print, copy, scan

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

No

Left margin (A4)

4.3 mm

Levels of grayscale

256

Mac compatible

Yes

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

Maximum dimensions (W x D x H)

16.93 x 25 x 12.8 in

Maximum dimensions (W x D x H)

430 x 634 x 325 mm

Maximum Input Capacity (envelopes)

Up to 10 envelopes

Maximum input capacity (sheets)

Up to 900 sheets (with Optional 550-sheet tray)

Maximum Memory

512 MB

Maximum metric depth

635 mm

Maximum metric height

325 mm

Maximum metric width

430 mm

Maximum output capacity (sheets)

Up to 150 sheets

Maximum print area

207.4 x 347.1 mm

Media size (ADF)

Letter; Legal; A4; custom sizes 102 x 152 to 216 x 356 mm

Media size, tray 1

Letter; Legal; Executive; Oficio (8.5 x 13 in); A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Custom Size; A5-R; 5 x 8 in; B6 (JIS); Statement

Media size, tray 2

Letter; Legal; Executive; Oficio (8.5 x 13 in); A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Custom Size; A5-R; 5 x 8 in; B6 (JIS); Statement

Media size, tray 3

Letter; Legal; Executive; Oficio (8.5 x 13 in); A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Custom Size; A5-R; 5 x 8 in; B6 (JIS); Statement

Media sizes supported

Tray 1: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Japanese Postcard; Double Japan Postcard Rotated; Envelope #10; Envelope Monarch; Envelope B5; Envelope C5; Envelope DL; Custom Size; 4 x 6 in; 5 x 8 in; Statement; Tray 2 & Tray 3: A4; A5; A6; B5 (JIS); Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Custom Size; A5-R; 4 x 6 in; B6 (JIS)

Media sizes supported

Tray 1: Letter; Legal; Executive; Oficio (8.5 x 13 in); 16K; Japanese Postcard; Double Japan Postcard Rotated; Envelope #10; Envelope Monarch; Envelope B5; Envelope C5; Envelope DL; Custom Size; 4 x 6 in; 5 x 8 in; Statement; Tray 2 & Tray 3: Letter; Legal; Executive; Oficio (8.5 x 13 in); Custom Size; 5 x 8 in; Statement

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, 3: 4.12 x 5.83 to 8.5 x 14 in

Media sizes, custom

Tray 1: 76.2 x 127 to 215.9 x 355.6 mm; Tray 2, 3: 104.9 x 148.59 to 215.9 x 355.6 mm

Media type and capacity, ADF

Sheets: 50 uncurled

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 (optional)

Media types

Paper (plain, EcoEFFICIENT, 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 53 lb; tray 2, 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

Media weights, supported ADF

16 to 32 lb

Media weights, supported ADF

60 to 120 g/m²

Memory

512 MB

Metric depth

390 mm

Metric height

323 mm

Metric width

420 mm

Minimum dimensions (W x D x H)

16.54 x 15.35 x 12.72 in

Minimum dimensions (W x D x H)

420 x 390 x 323 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 drive space; Internet connection or USB port; Internet browser. For additional OS hardware requirements see apple.com;

Mobile printing capability

HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; Optional ROAM Queue Printing; HP ROAM For Business

Native scan file format

PDF; JPG

Network capabilities

Yes, via 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), Apple AirPrint™, 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 (non-condensing)

Operating temperature range

10 to 32.5°C

Operating temperature range

50 to 90.5°F

Output capacity

Up to 150 sheets

Package dimensions (W x D x H)

19.6 x 15.7 x 19.3 in

Package dimensions (W x D x H)

497 x 398 x 490 mm

Package weight

15.5 kg

Package weight

34.2 lb

Page yield (set-up/inbox cartridges)

~3,050 black pages

Pallet dimensions

AMS: 47.2 x 39.4 x 102.4 in, EMEA/APJ: 47.2 x 39.4 x 83.1 in

Pallet dimensions (W x D x H)

AMS: 1200 x 1000 x 2601 mm, EMEA/APJ: 1200 x 1000 x 2111 mm

Pallet weight

AMS = 1070 lb, EMEA/APJ = 865 lb

Pallet weight

AMS = 485 kg, EMEA/APJ = 393 kg

Paper handling input, optional

Optional third 550-sheet tray

Paper handling input, standard

100-sheet tray 1, 250-sheet input tray 2; 50-sheet Automatic Document Feeder (ADF)

Paper handling output, standard

150-sheet output bin

Paper trays, maximum

3

Paper trays, standard

Photo (product photo, jpg, 70x100)

Printers and Multifunction/hp-laserjet-m5035-mfp-series_70x100.jpg

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

510 watts (active printing), 7.5 watts (ready), 0.9 watts (sleep), 0.9 watts (Auto Off/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off)

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.

Power supply type

Internal (Built-in) power supply

Print colors

No

Print languages

HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, Native Office, 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 FastRes 1200, HP ProRes1200, Economode

Print speed

Prints up to 42/40 ppm (LTR/A4)

Print speed (A4/letter) footnote number

[7]

Print speed black (ISO, A4)

Up to 40 ppm

Print speed black (ISO, letter)

Up to 42 ppm

Print speed black (Landscape, A5)

Up to 63 ppm

Print speed black (Portrait, A5)

Up to 14 ppm

Print speed duplex (A4)

Up to 34 ipm

Print speed duplex (letter)

Up to 36 ipm

Print speed 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.

Print speed footnote (A5)

[6] 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 complexity.

Print speed footnote number (A5)

[6]

Print technology

Laser

Printer black pages (MPV black)

1250

Printer Management

HP Printer Assistant; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent (Part of HP WebJetAdmin); HP WS Pro Proxy Agent (Part of HP WebJetAdmin); Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver; Deployment Utility - Managed Printing Administrator)

Printer smart software features

Auto duplex and booklet printing, N-up printing, collation, watermarks, install printer driver only, Economode for toner savings, accepts a variety of paper sizes and types

Printer smart software features footnote

[1] Job Storage feature requires a purchase of separate USB flash drive with a minimum of 16 GB capacity.

Printer smart software features footnote number

[1]

Processor speed

1200 MHz

Product long name specifications

HP LaserJet Pro MFP 4104dw - Print, Copy, and Scan; Prints up to 42 ppm (Letter); Scan to email/Folder/USB/Cloud; Up to 80,000 page duty cycle; 750-4,000 recommended monthly page volume; Gigabit ethernet networking; Dual-band wireless networking; Bluetooth low-energy; Wi-Fi Direct; Auto-duplex printing; Single-pass 2 sided scanning

Product short name specifications

HP LaserJet Pro MFP 4104dw Printer, Black and white, Printer for Small medium business, Print, copy, scan, Wireless; Print from phone or tablet; Automatic document feeder; Two-sided printing; Two-sided scanning; Scan to email; Scan to PDF; Front USB flash drive port; Optional high-capacity trays; Touchscreen; JetIntelligence cartridge

Quantity per pallet

AMS: 30, EMEA/APJ: 24

Recommended media weight (duplex)

16 to 32 lb

Recommended media weight (duplex)

60 to 120 g/m²

Recommended monthly page volume

750 to 4,000

Recommended monthly page volume note

HP recommends that the number of printed pages per month 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 monthly scan volume

750 to 4000

Recommended monthly scan volume note

750 - 4,000

Recommended operating humidity range

30 to 70% RH

Recommended operating temperature range

15 to 27°C

Recommended operating temperature range

59 to 80.6°F

Replacement cartridges

HP 152A Black Original LaserJet Toner Cartridge (~3,050 pages), W1520A; HP 152X Black Original LaserJet Toner Cartridge (~9,700 pages), W1520X

Replacement cartridges footnote

[4] Declared yields 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/toneryield>

Replacement cartridges footnote number

[4]

Resolution

Up to 1200 x 1200 dpi

Right margin (A4)

4.3 mm

RMN number

SHNGC-1801-01

Safety

IEC 60950-1:2005 +A1:2009 +A2:2013; IEC 62368-1:2014 / EN 62368-1:2014; IEC 60825-1:2014 / EN 60825-1:2014; IEC 62479:2010 / EN 62479:2010

Scan file format

PDF, JPG, TIFF

Scan input modes

Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA

Scan resolution, hardware

Flatbed (Up to 1200 x 1200 dpi); ADF (Up to 300 x 300 dpi)

Scan resolution, optical

Up to 1200 x 1200 dpi

Scan size (ADF), maximum

216 x 356 mm

Scan size (ADF), maximum

8.5 x 14 in

Scan size (ADF), minimum

102 x 152 mm

Scan size (ADF), minimum

4 x 6 in

Scan size, maximum

216 x 297 mm

Scan size, maximum

8.5 x 11.7 in

Scan speed (normal, A4)

Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color)

Scan speed (normal, letter)

Up to 31 ppm/49 ipm (b&w), up to 21 ppm/36 ipm (color)

Scan speed duplex (normal, A4)

Up to 46 ipm (b&w), up to 34 ipm (color)

Scan speed duplex (normal, letter)

Up to 49 ipm (b&w), up to 36 ipm (color)

Scan speed footnote

[11] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

Scan speed footnote number

[11]

Scan technology

Contact Image Sensor (CIS)

Scanner advanced features

Copy preview

Scanner type

Flatbed, ADF

Segment (filter)

Small medium business

Software included

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

Software scan file format

Windows HP Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF. Mac HP Easy Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, JPG-2000, PNG, TIFF;

Standard media sizes (duplex)

A4; Oficio; Letter; Legal

Standard media sizes (duplex, imperial)

Letter; Legal; Oficio; A4

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

USB Printing; 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

Sustainable impact specifications

Recyclable through HP Planet Partners; Contains post-consumer recycled plastic

Sustainable impact specifications footnote number

[22,27]

Target user and print volume

For teams up to 10 users; Prints up to 4,000 pages/month

Tariff numbers

(AM) 8443310000; (EU) 8443310000; (AP)84433129

Tech spec footnote

[1] Job Storage feature requires a purchase of separate USB flash drive with a minimum of 16 GB capacity.

Tech spec footnote

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

Tech spec footnote

[11] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

Tech spec footnote

[2] For yield information on the cartridge included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

Tech spec footnote

[22] Program availability varies. For details, see www.hp.com/recycle.

Tech spec footnote

[27] Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.5

Tech spec footnote

[3] Savings claim toner – Based on monthly subscription cost of HP Instant Ink monochrome toner service 1,500-page plan without purchase of additional

Tech spec footnote

[4] Declared yields 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/toneryield>

Tech spec footnote

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

Tech spec footnote

[6] 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 complexity.

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/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.

Tech spec footnote

[9] 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 and 230V for Blue Angel.

Technical features

ADF; AirPrint; Automatic two-sided printing; Compact size; ENERGY STAR®; Ethernet; Fast First Page Out; HP Auto-On/Auto-Off; JetIntelligence Toners; Private Print via PIN; Professional print quality; Scan-to-cloud; Scan-to-email; Scan-to-folder; Touchscreen; Walk-up USB (doc, ppt, pdf, jpg); Wireless; Wireless Direct

Technology logo, print 2

Publication logos/MacOS wyh.jpg

Technology logo, print 3

Publication logos/WorksWithAirPrint_AMS.jpg

Technology logo, print 4

Publication logos/Mopria wyh.jpg

Technology logo, print 5

Publication logos/USB v2 wyh.jpg

Technology logo, print 6

Publication logos/AMS_WiFi.jpg

Technology logo, print 7

Publication logos/AMS_Twain.jpg

Telecom compliance (fax capability)

ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-17 V3.2.4

Telephone handset supported

No

Top key features

Wireless; Print from phone or tablet; Automatic document feeder; Two-sided printing; Two-sided scanning; Scan to email; Scan to PDF; Front USB flash drive port; Optional high-capacity trays; Touchscreen; JetIntelligence cartridge

Top margin (A4)

4.3 mm

Twain version

Version 2.3

Typical electricity consumption (TEC) footnote

[10] 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

[10]

Typical electricity consumption (TEC) number

0.40 kWh/Week (Blue Angel); 0.44 kWh/Week (Energy Star 3.0)

UNSPSC code

43212110

UPC number

(460) 196548904716; (AB2) 195161936623; (ACJ) 195161936630

Warm-up time

As fast as 45 sec

Waste electrical and electronic weight

12.6 kg

Web address for additional information

hp.com/support/ljmf4101-4104

Weight

12.6 kg

Weight

27.78 lb

What is in the box footnote

[2] For yield information on the cartridge included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

What is in the box footnote number

[2]

What's in the box

Preinstalled HP Black Original LaserJet Toner Cartridge; Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable (AP & Wireless Only)

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