

## **HP LaserJet Pro MFP 4103fdw**

### **Specification:**

#### **Print Cartridges/Bottle, Number**

1 (black)

#### **Print speed black (ISO, A4)**

Normal: Up to 40 ppm [7] [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 color (ISO, A4)**

[7] [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.

#### **First page out (ready)**

Black: As fast as 6.3 sec [8] [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.

#### **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.

#### **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.

**Print technology**

Laser

**Print quality black (best)**

Black: Fine Lines (1200 x 1200 dpi) Color:

**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)

**Processor speed**

1200 MHz

**Automatic paper sensor**

No

**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); 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 Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; macOS 13 Ventura; macOS 15 Sequoia; Chrome OS

**Memory**

512 MB

**Memory, maximum**

512 MB

**Internal Storage**

No

**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

**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

**Paper handling output, standard**

150-sheet output bin

**Maximum output capacity (sheets)**

Up to 150 sheets

**Duplex printing**

Automatic (default)

**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/m<sup>2</sup> ; tray 2, optional 550-sheet tray 3: 60 to 120 g/m<sup>2</sup>

**Media weights, supported ADF**

60 to 120 g/m<sup>2</sup>

**Scanner type**

Flatbed, ADF

**Scan file format**

PDF, JPG, TIFF

**Scan resolution, optical**

Up to 1200 x 1200 dpi

**Scan size (ADF), maximum**

216 x 356 mm

**Scan size (ADF), minimum**

102 x 152 mm

**Scan speed (normal, A4)**

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

**Recommended monthly scan volume**

750 to 4000 750 - 4,000

**Duplex ADF scanning**

Yes

**Automatic document feeder capacity**

Standard, 50 sheets

**Scan input modes**

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

**Copy speed (normal)**

Black: Up to 40 cpm Color: 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.

**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

**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 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 compliant**

Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies

**Operating temperature range**

10 to 32.5°C

**Recommended operating humidity range**

30 to 70% RH

**Acoustic power emissions (ready)**

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

**Acoustic pressure emissions bystander (active, printing)**

54 dB(A)

**Dimensions (W x D x H)**

420 x 390 x 323 mm

**Maximum dimensions (W x D x H)**

430 x 634 x 325 mm

**Package dimensions (W x D x H)**

497 x 398 x 490 mm

**Pallet dimensions (W x D x H)**

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

**Package weight**

15.5 kg

**Pallet weight**

AMS = 485 kg, EMEA/APJ = 393 kg

**Quantity per pallet**

AMS: 30, EMEA/APJ: 24

**Count of layers in pallet**

AMS: 5, EMEA/APJ: 4

**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) [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.

**Cable included**

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

**Software included**

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

**Manufacturer Warranty**

One-year, onsite repair. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to [hp.com/support](http://hp.com/support) to learn about HP award winning service and support options in your region.