



# HP Sales Central

## HP Color LaserJet Pro MFP M281fdw (T6B82A)

Pending discontinuance



### Overview

Make an impact with high-quality color and increased productivity. Get the fastest in-class two-sided printing speed and First Page Out Time (FPOT).<sup>1,2</sup> Scan, copy, and fax. Count on simple security solutions, and get easy mobile printing.<sup>3</sup>

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:

<http://www.hp.com/learn/ds>

### List Price

\$633.04

#### Increase productivity with a color MFP

Get the fastest in-class two-sided printing speed and First Page Out Time (FPOT).<sup>1,2</sup>

Breeze through tasks with a 50-page automatic document feeder.

Scan digital files directly to email, network folders, and more. Print documents directly from a USB drive.

#### More. Pages, Performance, and Protection.

Count on high-quality color and more pages with Original HP Toner cartridges with JetIntelligence.<sup>6</sup>

Spend less time replacing toner, with optional high-yield cartridges.

This printer helps detect, stop, and give notifications of security breaches.

#### Easy mobile printing and scanning – HP Smart app

Get simple setup, and print and scan from your phone, with the HP Smart app.<sup>7</sup>

Have confidence in your connection with steady performance from dual band Wi-Fi®.<sup>4</sup>

Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.<sup>7</sup>

#### Your first page, lightning fast

Grab your documents and go, with the fastest in-class First Page Out Time (FPOT).

#### Fast print speeds

Print your business documents quickly with fast print speeds.

## HP Auto-On/Auto-Off Technology

Help save energy with HP Auto-On/Auto-Off Technology. Stay productive and change paper less often with a 250-sheet capacity paper tray.

## Built-in 250-sheet paper tray

□

**Save time with automatic two-sided printing.**

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## Specifications

### Functions

Print, Copy, Scan, Fax

### Multitasking supported

Yes

### Print speed black (ISO, letter)

Up to 22 ppm<sup>61</sup>

### Print speed color (ISO)

Up to 22 ppm<sup>61</sup>

### Print speed duplex (letter)

Up to 13 ppm

### Print speed duplex (letter)

Up to 13 ppm

### First page out black (letter, ready)

As fast as 10.3 sec

### First page out color (letter, ready)

As fast as 11.7 sec

### Duty cycle (monthly, letter)

Up to 40,000 pages

### Recommended monthly page volume

150 to 2500

### Print technology

Laser

### Print quality black (best)

Up to 600 x 600 dpi

### Print quality color (best)

Up to 600 x 600 dpi

### Processor speed

800 MHz

### Print languages

HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF

### Display

2.7" color graphic screen

### Print colors

Yes

### Number of print cartridges

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

### Automatic paper sensor

No

### Mac compatible

Yes

#### **Printer Management**

HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager

#### **Security management**

Embedded Web Server: password-protection, secure browsing via SSL/TLS; Network: enable/disable network ports and features, SNMPv1 community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication; Firewall and ACL; SNMPv3

#### **Fonts and typefaces**

84 scalable TrueType fonts. Additional Font Solutions available at <http://www.hp.com/go/laserjetfonts>

#### **HP ePrint capability**

Yes

#### **Mobile printing capability**

HP Smart App; HP ePrint; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wireless Direct Printing

#### **Wireless capability**

Built-in Dual band 802.11n 2.4/5GHz; authentication via WEP, WPA/WPA2, or 802.11x; encryption via AES or TKIP; WPS; Wi-Fi Direct

#### **Connectivity, standard**

Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100/1000 Base-TX network port, Dual band 802.11n 2.4/5GHz, Fax port, Front Host USB

#### **Network ready**

Standard built-in Ethernet 802.11 b/g/n Wi-Fi operates as both an AP (with Wi-Fi Direct) and STA

#### **Minimum System Requirements**

Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher.

#### **Minimum System Requirements for Macintosh**

Apple® OS X Sierra(v10.12), El Capitan (v10.11), Yosemite (v10.10); 1.5 GB HD; Internet required; USB

#### **Compatible Operating Systems**

Windows 11; Windows 10; Windows 8.1; Windows 8; Windows 7; Windows Vista; Linux; macOS 10.12 Sierra; UNIX; Windows Server

*(Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit). Not all "Compatible Operating Systems" are supported with INBOX software; Full solution software available only for Windows 7 and newer; Legacy Windows Operation Systems (XP, Vista, and equivalent servers) get print drivers only; Windows Server OS install driver only; Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software)*

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#### **Compatible Network Operating Systems**

Windows 11; Windows 10; Windows 8; Windows 8.1; Windows 7; Windows Vista; Windows Server; macOS X 10.10 Yosemite; macOS 10.11 El Capitan; macOS 10.12 Sierra; Linux; UNIX

#### **Memory**

256 MB DDR, 256 MB Flash

#### **Maximum Memory**

256 MB DDR, 256 MB Flash

#### **Paper handling input, standard**

250-sheet input tray; 1-sheet priority tray

#### **Input capacity**

1-sheet in Tray 1; Up to 250 sheets (25 mm stack height) in Tray 2

#### **Maximum input capacity (sheets)**

1-sheet in Tray 1; Up to 250 sheets (25 mm stack height) in Tray 2

#### **Paper handling output, standard**

100-sheet output bin

#### **Output capacity**

Up to 100 sheets (10 mm stack height)

**Maximum output capacity (sheets)**

Up to 100 sheets (10 mm stack height)

**Finished output handling**

Sheetfeed

**Duplex printing**

Automatic (standard)

**Paper trays, standard**

2

**Paper trays, maximum**

2

**Envelope Feeder**

No

**Maximum Input Capacity (envelopes)**

Up to 5 envelopes (Recommended only 5 envelopes or less at a time)

**Media sizes supported**

Letter(8.5 x 11); Legal(8.5 x 14); Executive(7.2 x 10.5); Oficio 8.5x13(8.5 x 13); 4 x 6(4 x 6); 5 x 8(5 x 8); A4(8.3 x 11.7); A5(5.8 x 8.3); A6(4.1 x 5.8); B5(JIS)(7.2 x 10.1); B6(JIS)(5 x 7.2); 10x15cm (3.9 x 5.9); Oficio 216x340 mm(8.5 x 13.4); 16K 195x270mm(7.6 x 10.6); 16K 184x260mm(7.2 x 10.2); 16K 197x273mm(7.8 x 10.7); Postcard (JIS)(3.9 x 5.8); Double Postcard(JIS)(5.8 x 7.9); Envelope #10(4.1 x 9.5); Envelope Monarch(3.9 x 7.5); Envelope B5(6.9 x 9.8); Envelope C5(6.4 x 9); Envelope DL(4.3 x 8.7); A5-R(8.3 x 5.8)

**Media sizes, custom**

3 x 5 to 8.5 x 14 in

**Media types**

Paper (bond, brochure, colored, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock

**Media weight, supported**

60 to 163 g/m<sup>2</sup> (Uncoated/Matte, recommended), however up to 175 g/m<sup>2</sup> Postcards and 200 g/m<sup>2</sup> HP Matte is allowed in the driver; 60 to 163 g/m<sup>2</sup> (Coated/Glossy, recommended), however up to 175 g/m<sup>2</sup> Postcards and 220 g/m<sup>2</sup> HP Glossy is allowed in the driver.

**Scanner type**

Flatbed, ADF

**Scan file format**

JPG, RAW (BMP), PNG, TIFF, PDF

**Scan resolution, optical**

Up to 300 dpi (color and mono ADF); up to 1200 dpi (Flatbed)

**Bit depth**

24-bits (color); 8-bits (mono)

**Scan size, maximum**

8.5 x 11.7 in

**Scan size (ADF), maximum**

8.5 x 14 in

**Automatic document feeder capacity**

Standard, 50 sheets

**Digital sending standard features**

Scan to email; scan to folder; scan to USB drive

**File Format Supported**

PDF; JPG

**Scan speed (normal, letter)**

Up to 27 ppm<sup>91</sup>

**Scan input modes**

Front-panel scan, copy, e-mail, fax; HP Scan software; and user application via TWAIN or WIA

**Copy speed black (normal, letter)**

Up to 22 cpm

**Copy speed color (normal, letter)**

Up to 22 cpm

**Copy resolution (black text)**

Up to 600 x 600 dpi

**Copy resolution (black graphics)**

Up to 600 x 600 dpi

**Copy resolution (color text and graphics)**

600 x 600 dpi

**Copy reduce / enlarge settings**

25 to 400%

**Copies, maximum**

Up to 99 copies

**Copier settings**

Number of copies; Reduce/Enlarge; Lighter/Darker; Optimize; Paper; Multi-page copy; Collation; Draft Mode; Image Adjustment; Set as New Defaults; Restore Defaults

**Faxing**

Yes

**Fax transmission speed (letter)**

3 sec per page<sup>4</sup> 1

*(Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.)*

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**Fax memory**

Up to 1300 pages

**Fax Resolution Black (best)**

Up to 300 x 300 dpi

**Fax Broadcast Locations**

119

**Fax Speed Dials, Maximum Number**

Up to 120 numbers

**Fax Auto Redial**

Yes

**Fax delayed sending**

Yes

**Junk fax barrier**

Yes, CSID matching only. Caller ID not supported

**Fax Polling**

Yes (receive only)

**Fax Remote Retrieval**

No

**Fax forwarding**

Yes

**Fax PC Interface Supported**

Yes

**Power**

110-volt input voltage: 110 to 127 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz)

**Power supply type**

Internal (Built-in) power supply

**Power consumption**

342 watts (active printing), 8.0 watts (ready), 1.2 watts (sleep), 0.1 watt (Manual-Off), 0.1 (Auto-off/Manual-on), 0.1 watt (Auto-Off/Wake on LAN)<sup>2</sup> 1

**Typical electricity consumption (TEC) number**

ES: 0.759 kWh/Week; BA: 0.669 kWh/Week

**Ecolabels**

ENERGY STAR® certified; EPEAT® Silver

**Energy star certified**

Yes

**Operating temperature range**

15 to 30°C

**Recommended operating humidity range**

30 to 70% RH

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

420 x 421.7 x 334.1 mm (16.5 x 16.6 x 13.2 in)<sup>2</sup>

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

424 x 475 x 338 mm (16.7 x 18.7 x 13.3 in)<sup>2</sup>

**Weight**

18.7 kg (41.2 lb)<sup>2</sup>

**UPC number**

190780300084

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

498 x 398 x 532 mm (19.6 x 15.66 x 20.94 in)<sup>2</sup>

**Package weight**

21.5 kg

**Package weight**

47.3 lb

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

1200 x 1000 x 2278 mm (47.24 x 39.37 x 89.68 in)<sup>2</sup>

**Pallet weight**

538.7 kg (1185.1 lb)<sup>2</sup>

**Country of origin**

Product of Vietnam, Assembled in China (AB2,BBU,AKV); Made in Vietnam (all other options)

**What's in the box**

HP Color LaserJet Pro MFP M281fdw

Introductory HP LaserJet Color cartridges (~700 color composite (C/Y/M) page yield and ~1400 page yield black)

Installation guide

Printer documentation and software on CD-ROM

Power cord

USB cable

**Cable included**

Yes, 1 USB

**Replacement cartridges**

HP 202A Black LaserJet Toner Cartridge (~1400 page yield) CF500A; HP 202A Cyan LaserJet Toner Cartridge (~1300 page yield) CF501A; HP 202A Yellow LaserJet Toner Cartridge (~1300 page yield) CF502A; HP 202A Magenta LaserJet Toner Cartridge (~1300 page yield) CF503A; HP 202X Black LaserJet Toner Cartridge (~3200 page yield) CF500X; HP 202X Cyan LaserJet Toner Cartridge (~2500 page yield) CF501X; HP 202X Yellow LaserJet Toner Cartridge (~2500 page yield) CF502X; HP 202X Magenta LaserJet Toner Cartridge (~2500 page yield) CF503X

*(Replacement 202A and 203A cartridge average composite (C/Y/M) declared yield ~1300 and average black yield ~1400 pages; replacement 202X and 203X cartridge average composite (C/Y/M) declared yield ~2500 and average black yield ~3200 pages 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/learnaboutsupplies>.)*

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**Software included**

For Windows OS: HP Software Installer

HP Software Uninstaller

HP PCL6 Printer Driver

HP Device Experience (DXP)

HP Web Services Assist (HP Connected)

Device Setup & Software

HP Printer Assistant

HP Product Improvement Study

Online user manuals  
HP Scan Driver  
HP Scan Application  
HP Fax Driver  
HP Fax Application. For Mac OS: Welcome Screen  
(Directs users to [HP.com](http://HP.com) or OS App Source for LaserJet Software)

### Manufacturer Warranty

One-year limited hardware warranty; For more info please visit us at <http://support.hp.com>

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### Overview

- 1 Compared with the majority of color laser AiOs < \$450 USD and Print Speed 0-30ppm, based on market share of IDC CYQ3 2018 Hardcopy Peripherals Tracker. Automatic Duplex Printing Speed based on manufacturers' published specifications as of November 9, 2018. See [hp.com/go/printerspeeds](http://hp.com/go/printerspeeds).
- 2 Comparison based on manufacturers' published specifications for First Page Out Time FPOT as of March 6, 2017. Includes color laser MFPs < \$450 USD and printers < \$300 USD based on market share as reported by IDC as of Q4 2016. See <http://www.hp.com/go/printerspeeds>
- 3 For details on local printing requirements see <http://www.hp.com/go/mobileprinting>
- 4 Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://www.hp.com/go/mobileprinting>. Wi-Fi is a registered trademark of Wi-Fi Alliance®.
- 6 Based on cartridge yields for HP 201X compared with HP 202X Original HP LaserJet Toner Cartridges. For more information, see <http://www.hp.com/go/learnaboutequipment>
- 7 Requires the HP Smart app download. Features controlled may vary by mobile device operating system. Full list of supported operating systems and details at <http://support.hp.com/us-en/document/c03561640>. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>

### Specifications

- 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.
- 4 Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
- 6 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.
- 9 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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