

HP Color LaserJet Pro MFP M281fdw { Specifications }

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| FUNCTIONS | Print, Copy, Scan, Fax |
| MULTITASKING SUPPORTED | Yes |
| FIRST PAGE OUT BLACK (A4, READY) | As fast as 10.6 sec |
| FIRST PAGE OUT BLACK (A4, SLEEP) | As fast as 12.2 sec |
| PRINT SPEED BLACK (ISO, A4) | Normal: Up to 21 ppm [6] |
| PRINT SPEED COLOR (ISO, A4) | Up to 21 ppm [6] |
| FIRST PAGE OUT (READY) | Black: As fast as 10.6 sec [8] |
| FIRST PAGE OUT (SLEEP) | Black: As fast as 12.2 sec [8] |
| FIRST COPY OUT | As fast as 11.1 sec |
| FIRST COPY OUT (SLEEP) | As fast as 11 sec |
| DUTY CYCLE (MONTHLY, A4) | 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 |
| PRINT LANGUAGES | HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF |
| DISPLAY | 2.7" color graphic screen |
| PROCESSOR SPEED | 800 MHz |
| AUTOMATIC PAPER SENSOR | No |
| REPLACEMENT CARTRIDGES | HP 202A Black LaserJet Toner Cartridge (~1400 yield) CF500A; HP 202A Cyan LaserJet Toner Cartridge (~1300 yield) CF501A; HP 202A Yellow LaserJet Toner Cartridge (~1300 yield) CF502A; HP 202A Magenta LaserJet Toner Cartridge (~1300 yield) CF503A; HP 202X Black LaserJet Toner Cartridge (~3200 yield) CF500X; HP 202X Cyan LaserJet Toner Cartridge (~2500 yield) CF501X; HP 202X Yellow LaserJet Toner Cartridge (~2500 yield) CF502X; HP 202X Magenta LaserJet Toner Cartridge (~2500 yield) CF503X; HP 203A Black LaserJet Toner Cartridge (~1400 yield) CF540A; HP 203A Cyan LaserJet Toner Cartridge (~1300 yield) CF541A; HP 203A Yellow LaserJet Toner Cartridge (~1300 yield) CF542A; HP 203A Magenta LaserJet Toner Cartridge (~1300 yield) CF543A; HP 203X Black LaserJet Toner Cartridge (~3200 yield) CF540X; HP 203X Cyan LaserJet Toner Cartridge (~2500 yield) CF541X; HP 203X Yellow LaserJet Toner Cartridge (~2500 yield) CF542X; HP 203X Magenta LaserJet Toner Cartridge (~2500 yield) CF543X 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 . Dynamic security enabled printer. Only intended to be used |

with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future.

<http://www.hp.com/go/learnaboutsupplies>

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| HP EPRINT CAPABILITY | Yes |
| MOBILE PRINTING CAPABILITY | HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Mobile Apps |
| WIRELESS CAPABILITY | Built-in 802.11 b/g/n; 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, 802.11n 2.4/5GHz wireless, Fax port, Front Host USB |
| NETWORK READY | Standard built-in Ethernet 802.11 b/g/n wifi 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. Apple® OS X Sierra(v10.12), El Capitan (v10.11), Yosemite (v10.10); 1.5 GB HD; Internet required; USB |
| COMPATIBLE OPERATING SYSTEMS | 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. Apple® OS X El Sierra(v10.12), Capitan (v10.11), Yosemite (v10.10); 1.5 GB HD; Internet required; USB. Linux (For more information, see http://hplipopensource.com/hplip-web/index.html). Unix (For more information, see http://www.hp.com/go/unixmodelscripts) 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 |
| MEMORY | 256 MB DDR, 256 MB Flash |
| MEMORY, MAXIMUM | 256 MB DDR, 256 MB Flash |
| PAPER HANDLING INPUT, STANDARD | 250-sheet input tray; 1-sheet priority tray |
| PAPER HANDLING OUTPUT, STANDARD | 100-sheet output bin |
| MAXIMUM OUTPUT CAPACITY (SHEETS) | Up to 100 sheets (10 mm stack height) |
| DUPLEX PRINTING | Automatic (standard) |

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| MEDIA SIZES SUPPORTED | Letter(216 x 280); Legal(216 x 356); Executive(184 x 267); Oficio 8.5x13(216 x 330); 4 x 6(102 x 152); 5 x 8(127 x 203); A4(210 x 299); A5(148 x 210); A6(105x148); B5(JIS)(182 x 257); B6(JIS)(128 x 182); 10x15cm(100 x 150); Oficio 216x340mm(216 x 340); 16K 195x270mm(195x270); 16K 184x260mm(184x260); 16K 197x273mm(197x273); Postcard(JIS)(100 x 147); Double Postcard(JIS)(147 x 200); Envelope #10(105 x 241); Envelope Monarch(98 x 191); Envelope B5(176 x 250); Envelope C5(162 x 229); Envelope DL(110 x 220); A5-R(210 x 148) |
| MEDIA SIZES, CUSTOM | 76 x 127 to 216 x 356 mm |
| 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 ² (Uncoated/Matte, recommended), however up to 175 g/m ² Postcards and 200 g/m ² HP Matte is allowed in the driver; 60 to 163 g/m ² (Coated/Glossy, recommended), however up to 175 g/m ² Postcards and 220 g/m ² HP Glossy is allowed in the driver. |
| MEDIA WEIGHTS, SUPPORTED ADF | 60 to 90 g/m ² |
| 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) |
| SCAN SIZE (ADF), MAXIMUM | 215.9 x 355.6 mm |
| SCAN SIZE (ADF), MINIMUM | 102 x 152 mm |
| SCAN SPEED (NORMAL, A4) | Up to 26 ppm |
| DUPLEX ADF SCANNING | No |
| 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 INPUT MODES | Front-panel scan, copy, e-mail, fax; HP Scan software; and user application via TWAIN or WIA |
| COPY SPEED (NORMAL) | Black: Up to 21 cpm Color: Up to 21 cpm First Copy Out and Copy Speed measured using ISO/IEC 29183, 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. |
| COPY RESOLUTION (BLACK TEXT) | 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 |
| FAXING | Yes |
| FAX TRANSMISSION SPEED | 33.6 kbps (maximum), 14.4 kbps (default) [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. |
| FAX MEMORY | Up to 1300 pages |
| FAX RESOLUTION BLACK (BEST) | Up to 300 x 300 dpi |

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| FAX SPEED DIALS, MAXIMUM NUMBER | Up to 120 numbers |
| FAX BROADCAST LOCATIONS | 119 |
| POWER | 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz)(Not dual voltage, product varies by part number with # Option code identifier) |
| 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) [2] |
| ENERGY EFFICIENCY | ENERGY STAR® qualified |
| BLUE ANGEL COMPLIANT | Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies |
| OPERATING TEMPERATURE RANGE | 15 to 30°C |
| RECOMMENDED OPERATING HUMIDITY RANGE | 30 to 70% RH |
| ACOUSTIC POWER EMISSIONS (READY) | 2.6 B(A) |
| ACOUSTIC PRESSURE EMISSIONS BYSTANDER (ACTIVE, PRINTING) | 50 dB(A) (Mono), Simplex; 50 dB(A) (Color), Simplex; 50 dB(A) (Mono), Duplex; 49 dB(A) (Color), Duplex |
| WHAT'S IN THE BOX | HP Color LaserJet Pro MFP M281fdw(T6B82A); Introductory HP LaserJet Color cartridges (~700 color composite (C/Y/M) yield and ~1400 page yield black); Installation guide; Printer documentation and software on CD-ROM; Power cord; USB cable [1] |
| CABLE INCLUDED | Yes, 1 USB |
| 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 or OS App Source for LaserJet Software) |
| WARRANTY | 1 Year Limited Warranty (Return to HP/Dealer - Standard Bench Repair) |