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Product Specifications for the HP Color LaserJet Pro MFP M281fdw (T6B82A)

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-  [Product naming](#)
 -  [What's included and accessories](#)
 -  [Connectivity](#)
 -  [Copy](#)
 -  [Environmental](#)
 -  [Fax](#)
 -  [Memory](#)
 -  [Mobile printing capability](#)
 -  [Networking](#)
 -  [Paper handling](#)
 -  [Paper handling - ADF](#)
 -  [Paper handling - duplexer](#)
 -  [Physical dimensions](#)
 -  [Power](#)
 -  [Print cartridges](#)
 -  [Printing specifications](#)
 -  [Regulatory specifications](#)
 -  [Scan](#)
 -  [Security](#)
 -  [System requirements](#)
 -  [Warranty](#)
-

Product naming

Model name	HP Color LaserJet Pro MFP M281fdw
Product number	T6B82A

What's included and accessories

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
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Connectivity

Ports	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
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
Storage device and direct print support	Front-facing USB/Flash drive; USB printing

Copy

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
Maximum number of copies	Up to 99 copies
Copy reduce/enlarge settings	25 to 400%
Copy speed (color, normal)	Up to 21 cpm

Copy speed (black, normal)	Up to 21 cpm
Copy resolution	Up to 600 x 600 dpi

Environmental

Acoustic power emissions	6.4 B(A) (Mono), Simplex; 6.3 B(A) (Color), Simplex; 6.3 B(A) (Mono), Duplex; 6.3 B(A) (Color), Duplex
Operating humidity range	30 to 70% RH
Non-Operating Humidity Range	0 to 95% RH
Recommended operating temperature range (Celsius)	17 to 25°C
Recommended operating temperature range (Fahrenheit)	62.6 to 77°F
Storage temperature range (Celsius)	-20 to 40°C
Storage temperature range (Fahrenheit)	-4 to 104°F
Environmental specifications	Mercury Free

Fax

Fax available	Yes
Fax features	Auto redialing, delayed sending, fax forwarding, TAM interface, distinctive ring detection, cover page wizard (Software only), block fax, billing codes, poll receive, fax activity reports, dial prefix setting
Fax resolution black (best)	Up to 300 x 300 dpi
Fax memory	Up to 1300 pages

Telephone handset supported	Yes
Fax telephone mode supported	Yes
Modem	33.6 kbps
Fax speed dials, maximum number	Up to 120 numbers
Fax transmission speed (letter)	3 sec per page
Fax transmission speed note	Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

Memory

Memory	256 MB DDR, 256 MB Flash
Maximum Memory	256 MB DDR, 256 MB Flash

Mobile printing capability

Mobile printing services	HP ePrint; Apple AirPrint; Mopria-certified; Wireless Direct Printing; Mobile Apps
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Networking

Network protocols supported	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6
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Paper handling

Input capacity	1-sheet in Tray 1; Up to 270 sheets (27 mm stack height) in Tray 2
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Output capacity	Up to 100 sheets (10 mm stack height)
Media sizes supported (metric)	Letter (216 x 280); Lega l(216 x 356); Executive (184 x 267); Oficio 8.5 x 13 (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); 10 x 15cm(100 x 150); Oficio 216 x 340mm (216 x 340); 16K 195 x 270 mm(195 x 270); 16K 184 x 260 mm (184 x 260); 16K 197 x 273mm(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 supported (U.S. standard)	Letter (8.5 x 11); Legal (8.5 x 14); Executive (7.2 x 10.5); Oficio 8.5 x 13 (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); 10 x 15cm (3.9 x 5.9); Oficio 216 x 340 mm (8.5 x 13.4); 16K 195 x 270 mm (7.6 x 10.6); 16K 184 x 260mm(7.2 x 10.2); 16K 197 x 273 mm (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 (metric)	76 x 127 to 216 x 356 mm
Media sizes, custom (U.S. standard)	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 (metric)	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 weight supported (U.S. standard)	16 to 43 lb (Uncoated/Matte, recommended), however up to 47 lb Postcards and 53 lb HP Matte is allowed in the driver; 16 to 43 lb (Coated/Glossy, recommended), however up to 47 lb Postcards and 59 lb HP Glossy is allowed in the driver.

Paper handling - ADF

Automatic document feeder capacity	Standard, 50 sheets

Media size (ADF)	A4; Letter; Legal; 4 x 6 in to 8.5 x 14 in
Media weight supported, ADF (metric)	60 to 90 g/m ²
Media weight supported, ADF (U.S. standard)	16 to 24 lb
Media type and capacity, ADF	Sheets: 50 (75 g/m ² uncurled)

Paper handling - duplexer

Recommended media weight, duplex (metric)	60 to 120 g/m ² (recommended), 60 to 200 g/m ² (allowed)
Recommended media weight, duplex (U.S. standard)	16 to 32 lb (recommended), 16 to 53 lb (allowed)
Media sizes, duplex (U.S. standard)	Letter (8.5 x 11); Legal (8.5 x 14); Executive (7.2 x 10.5); Oficio 8.5 x 13 (8.5 x 13); A4 (8.3 x 11.7); A5 (5.8 x 8.3); B5(JIS) (7.2 x 10.1); Oficio 216 x 340 mm (8.5 x 13.4); 16K 195 x 270 mm (7.6 x 10.6); 16K 184 x 260 mm(7.2 x 10.2); 16K 197 x 273 mm (7.8 x 10.7); A5-R(8.3 x 5.8)

Physical dimensions

Maximum dimensions (W x D x H, metric)	424 x 475 x 338 mm
Maximum dimensions (W x D x H, U.S. standard)	16.7 x 18.7 x 13.3 in
Weight (metric)	18.7 kg
Weight (U.S. standard)	41.2 lb

Power

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

Power supply type	Internal (Built-in) power supply
Power supply	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 watts (Manual-Off), 0.1 (Auto-off/Manual-on), 0.1 watts (Auto-Off/Wake on LAN)

Print cartridges

Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
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 cartridges footnote	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 .
SureSupply note	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.

Printing specifications

Print technology	Laser
Duplex printing	Automatic (standard)
Print resolution (best)	Up to 600 x 600 dpi

Maximum print area (metric)	216 x 356 mm
Maximum print area (U.S. standard)	476 x 785 in
Monthly duty cycle	Up to 40,000 pages
Print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF
Printer smart software features	2.7 in color touchscreen, Automatic 2-sided printing, Wireless printing, Ethernet networking, Wireless direct printing, HP ePrint, Apple AirPrint, Mopria-certified, Google Cloud Print, HP Auto-On/Auto-Off technology, HP Smart App, HP JetAdvantage Private Print, HP JetAdvantage Secure Print

Regulatory specifications

Regulatory model number	SHNGC-1601-02
Safety	EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011+A2:2013; IEC 60950-1:2005 +A1:2009+A2:2013; EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; CAN/CSA C22.2 No. 60950-1-07 2nd Ed. March 27, 2007 Compliance of IEC 60950-1 standard considers all country deviations according to the most recent IECIEE CB Bulletin.; Complies with FDA performance standards for laser products except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007.
Electromagnetic compatibility	CISPR 22:2008 & CISPR 32: 2012/EN 55032:2012 - Class B; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 55024:2010; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 6
Telecom compliance (fax capability)	Fax Telecom: ES 203 021; FCC Title 47 CFR, Part 68; Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries. Wireless Telecom: EU RED 2014/53/EU; EN 301 489-1 V2.1.1/EN 301 489-17: V3.1.1; EN 300 328: V2.1.1/EN301 893 V2.0.7; FCC Title 47 CFR, Part 15 Subpart C & E/RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; IEC 62311:2007/EN62311:2008

Scan

Scanner advanced features	HP Scanning software; Scan-to-E-mail, network folder; 50-sheet Automatic Document Feeder (ADF) for unattended scanning of multiple pages; automatic scan cropping; Scan to Google Drive/Drop box (PC); Scan to FTP(PC);Scan to Microsoft One Drive, Share Point (PC); Save as editable file (text, PDF)
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Scan technology	Contact Image Sensor (CIS)
Scan speed (normal)	Up to 26 ppm
Scan resolution, hardware	Up to 300 x 300 dpi (color and mono ADF); up to 1200 x 1200 dpi (Flatbed)
Levels of grayscale	256
Bit depth	24-bits (color); 8-bits (mono)
Duplex ADF scanning	No
Minimum flatbed scan size (metric)	50 x 50 mm
Minimum flatbed scan size (U.S. standard)	1.92 x 1.92 in
Maximum flatbed scan size (metric)	215.9 x 297 mm
Maximum flatbed scan size (U.S. standard)	8.5 x 11.7 in
Minimum ADF scan size (metric)	102 x 152 mm
Minimum ADF scan size (U.S. standard)	4 x 6 in

Maximum ADF scan size (metric)	215.9 x 355.6 mm
Maximum ADF scan size (U.S. standard)	8.5 x 14 in
Twain version	Version 1.9 (Legacy OS); Version 2.1 (Windows 7 or higher)

Security

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
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System requirements

Minimum system requirements for Windows	Microsoft Windows 10, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft Internet Explorer. Windows Vista: 800 MHz 32-bit (x86) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft 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, Microsoft Internet Explorer 8. Windows Vista x64 has been removed from support on the CD & Web packs. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher.
Recommended system requirements for Windows	Windows 10, 8, 7: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft Internet Explorer. Windows Vista (32-bit only): 800 MHz 32-bit (x86) processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft 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.
Minimum system requirements for Macintosh	Mac OS X 10.10 Yosemite, OS X 10.11 El Capitan, OS X 10.12 Sierra, Mountain Lion, Mavericks; Intel Core Processor; 1 GB HD; CD-ROM/DVD or Internet; USB
Recommended Macintosh system requirements	Mac OS X 10.10 Yosemite, OS X 10.11 El Capitan, OS X 10.12 Sierra, Mountain Lion, Mavericks; Intel Core Processor; 1 GB HD; CD-ROM/DVD or Internet; USB
Compatible	Windows 10 (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows 7 (32-bit and 64-bit), Windows Vista (32-bit and 64-bit)

network operating systems	bit), Windows XP (32-bit) (Professional and Home Editions); Mac OS X 10.10 Yosemite, OS X 10.11 El Capitan, OS X 10.12 Sierra; Linux (For more information, see http://hplipopensource.com/hplip-web/index.html).
Operating system (supported note)	Windows 10 (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows 7 (32-bit and 64-bit), Windows Vista (32-bit and 64-bit), Windows XP (32-bit) (Professional and Home Editions); Mac OS X 10.10 Yosemite, OS X 10.11 El Capitan, OS X 10.12 Sierra; Linux (For more information, see http://hplipopensource.com/hplip-web/index.html).

Warranty

Warranty	One-year limited hardware warranty
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