Data sheet

HP Color LaserJet Pro M180-M181 Multifunction Printer series

Get fast colour MFP versatility

Get vibrant colour, wireless versatility, easy mobile printing, and fast print speeds to drive efficiency – for a great value.[1,2]

HP Color LaserJet Pro MFP M180n

HP Color LaserJet Pro MFP M181fw

Highlights

- Print, copy, scan, fax (M181fw)
- Up to 16 ppm A4 black & colour
- Fast First Page out from Sleep (Auto-Off) mode
- 35-page ADF (M181fw)
- Two-line LCD display with numeric keypad (MFP M181fw)
- HP Auto-On/Auto-Off
- Ethernet/wireless networking (MFP M181fw)
- HP ePrint, AirPrint, GoogleCloudPrint, Wi-FiDirect, Mopria-certified

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. Learn more at: http://www.hp.com/go/learnaboutsupplies

Increase versatility with a colour MFP

- Get fast print speeds and rapid first page out time (FPOT).
- Breeze through print, scan, copy, and fax tasks, using the automatic document feeder (fax and ADF available on M181fw only).
- Help save energy with HP Auto-On/Auto-Off Technology.[3]
- Get quick and easy printing directly at the control panel.

More. Performance, and Protection.

- Count on high-quality colour with Original HP Toner cartridges with JetIntelligence.[4]
- Get the Original HP quality you paid for with anti-fraud technology.
- Speed through print jobs right out of the box, using preinstalled Original HP Toner cartridges.

Easy mobile printing and scanning – HP Smart app

- Print and scan from your smartphone, and easily order toner, with the HP Smart app.[5]
- Have confidence in your connection with steady performance from dual band Wi-Fi®.[2]
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.[6]
- Simply tap the print button on your smartphone or tablet to print.[1]

Product walkaround

HP Color LaserJet Pro MFP M181fw shown

1. Intuitive 2-line LCD control panel with 26 buttons
2. 100-sheet output bin
3. 150-sheet input tray
4. 35-sheet ADF handles up to 21.6 x 35.6 cm paper
5. Flatbed scanner handles up to 21.6 x 29.7 cm paper
6. Wi-Fi Direct®
7. Front door (access to toner cartridges)
8. Easy mobile printing with the HP Smart App
9. Power connection
10. USB 2.0 port
11. Ethernet port
12. Dual Band wireless networking
13. Fax ports

Series at a glance

Model	HP Color LaserJet Pro MFP M180n	HP Color LaserJet Pro MFP M181fw
Product number	T6B70A	T6B71A
Functions	Print, copy, and scan	Print, copy, scan, and fax
Print speed (A4)	Up to 16/16 ppm (black/color)	Up to 16/16 ppm (black/color)
Control panel	LCD display with 6-button keypad	2-line LCD with 26-button keypad
Networking	Fast Ethernet	Fast Ethernet, 802.11 b/g/n
Automatic document feeder (ADF) capacity	Not available	35 sheets
Cartridge yield, black/colour (in pages)	In-box: ~800/700 A: ~1,100/900	In-box: ~800/700 A: ~1,100/900
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing

Accessories, Supplies and Support

Supplies	**CF530A** HP 205A Black Original LaserJet Toner Cartridge 1,100 pages
	CF531A HP 205A Cyan Original LaserJet Toner Cartridge 900 pages
	CF532A HP 205A Yellow Original LaserJet Toner Cartridge 900 pages
	CF533A HP 205A Magenta Original LaserJet Toner Cartridge 900 pages
	CG964A HP Professional Glossy Laser Paper 120 gsm-250 sht/A4/210 x 297 mm
	CG965A HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm
	CHP110 HP Office Paper-500 sht/A4/210 x 297 mm
	CHP370 HP Color Laser Paper 90 gsm-500 sht/A4/210 x 297 mm
Service and support	**UH761E** HP 3 year Care Pack with Standard Exchange for LaserJet Printers **UH757E** HP 3 year Care Pack with Next Day Exchange for LaserJet Printers **UH764E** HP 3 year Care Pack with Return to Depot Support for LaserJet Printers (UH761E - available in All EMEA countries Except ME, Africa, South Africa, Israel, Turkey, UH757E - available in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech, Greece, Hungary, Poland, Slovakia, UH764E - available in ME, Africa, South Africa, Israel, Turkey)

Technical specifications

Model	**HP Color LaserJet Pro MFP M180n**	**HP Color LaserJet Pro MFP M181fw**
Product number	T6B70A	T6B71A
Functions	Print, Copy, Scan	Print, Copy, Scan, Fax
Control panel	7 segment ICON LCD with 6 buttons (Up, Down, Colour Copy, Monochrome Copy, Setting, Cancel) and 6 indicator light (Ready, Error, CMYK toner low)	2-line LCD with 26 buttons (0-9 digitals, Star, Pound, Left, Right, OK, Cancel, Back, Main Setup, Wireless, Colour Copy, Monochrome Copy, Copy Amount, Dark/Light, Copy Setup, Start Fax, Redial) and 3 indicator light (Ready, Error, Wireless)
Print		
Print technology	Laser	
Print speed[1]	**Black (A4, normal):** Up to 16 ppm; **Colour (A4, normal):** Up to 16 ppm	**Black (A4, normal):** Up to 16 ppm; **Colour (A4, normal):** Up to 16 ppm
First page out[2]	**Black (A4, ready):** As fast as 11.8 sec; **Colour (A4, ready):** As fast as 13.7 sec; **Black (A4, sleep):** As fast as 12.9 sec; **Colour (A4, sleep):** As fast as 14.2 sec	**Black (A4, ready):** As fast as 11.8 sec; **Colour (A4, ready):** As fast as 13.5 sec; **Black (A4, sleep):** As fast as 12.9 sec; **Colour (A4, sleep):** As fast as 14.1 sec
Print resolution	**Black (best):** Up to 600 x 600 dpi; **Colour (best):** Up to 600 x 600 dpi; **Technology:** HP ImageREt 3600	
Monthly duty cycle	Up to 30,000 pages (A4); **Recommended monthly page volume:** 150 to 1,500	
Printer smart software features	Ethernet networking, HP ePrint, Apple AirPrint™, Mopria-certified, Google Cloud Print, HP Auto-On/Auto-Off technology, HP Smart App, HP JetAdvantage Secure Print	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 Secure Print
Standard print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF	
Fonts and typefaces	84 scalable TrueType fonts. Additional Font Solutions available at http://www.hp.com/go/laserjetfonts	
Print area	**Print margins:** Top: 5 mm, Bottom: 5 mm, Left: 5 mm, Right: 5 mm; **Maximum print area:** 216 x 356 mm	
Duplex printing	Manual (driver support provided)	
Copy		
Copy speed	**Black (A4):** Up to 16 ppm; **Colour (A4):** Up to 16 ppm	
Copier specifications	Number of copies; Reduce/Enlarge; Lighter/Darker; Optimise; Paper Size; Paper Type; Draft Mode; Image Adjustment; Set as New Defaults; Restore Defaults **Maximum number of copies:** Up to 99 copies; **Copy resolution:** Up to 600 x 600 dpi; **Reduce/Enlarge:** 25 to 400%	Number of copies; Reduce/Enlarge; Lighter/Darker; Optimise; Paper; Multi-page copy; Collation; Draft Mode; Image Adjustment; Set as New Defaults; Restore Defaults **Maximum number of copies:** Up to 99 copies; **Copy resolution:** Up to 600 x 600 dpi; **Reduce/Enlarge:** 25 to 400%
Scan		
Scan speed[3]	**Normal (A4):** Up to 14 ppm	**Normal (A4):** Up to 14 ppm
Scan file format	JPG, RAW (BMP), PNG, TIFF, PDF	
Scanner specifications	**Scanner type:** Flatbed **Scan technology:** Contact Image Sensor (CIS); **Scan input modes:** Copy; HP Scan software; User application via TWAIN or WIA; **Twain version:** Version 1.9 (Legacy OS); Version 2.1 (Windows 7 or higher); **Duplex ADF scanning:** No; **Optical scan resolution:** Up to 1200 dpi	**Scanner type:** Flatbed, ADF **Scan technology:** Contact Image Sensor (CIS); **Scan input modes:** Copy; HP Scan software; User application via TWAIN or WIA; **Twain version:** Version 1.9 (Legacy OS); Version 2.1 (Windows 7 or higher); **Duplex ADF scanning:** No; **Scan size maximum (flatbed, ADF):** 215.9 x 297 mm; **Optical scan resolution:** Up to 300 dpi (colour and monochrome, ADF); Up to 1200 dpi (colour and monochrome, flatbed)
Scannable area	**Minimum media size (flatbed):** 50 x 50 mm **Maximum media size (flatbed):** 215.9 x 297 mm	
Bit depth/ Grey scale levels	24-bits (colour); 8-bits (monochrome) / 256	
Fax		
Fax[4]	No	Yes, 33.6 kbps
Fax specifications		**Fax memory:** Up to 1,300 pages **Fax resolution:** Standard: 203 x 98 dpi; Fine: 203 x 196 dpi; Superfine: 300 x 300 dpi; **Quick dialing:** Up to 120 numbers; **Telecom compliance:** Fax Telecom: ES 203 021; 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; IEC 62311:2007 / EN62311:2008
Fax smart software 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

Model	**HP Color LaserJet Pro MFP M180n**	**HP Color LaserJet Pro MFP M181fw**
Product number	T6B70A	T6B71A
Processor speed	800 MHz	
Connectivity		
Standard	Hi-Speed USB 2.0 port; Built-in Fast Ethernet 10/100 Base-TX network port	Hi-Speed USB 2.0 port; Built-in Fast Ethernet 10/100 Base-TX network port, 802.11n 2.4/5GHz wireless; Fax port
Wireless		Built-in 802.11 b/g/n; Authentication via WEP, WPA/WPA2, or 802.11x; Encryption via AES or TKIP; WPS; Wi-Fi Direct
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing
Supported network protocols	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	
Network capabilities	Yes, via built-in 10/100 Base-TX Ethernet	Yes, via built-in 10/100 Base-TX Ethernet; Authentication via 802.11x
Memory	**Standard:** 256 MB DDR, 128 MB Flash; **Maximum** : 256 MB DDR, 128 MB Flash	
Media handling		
Number of paper trays	**Standard:** 1; **Maximum:** 1	
Media types	Paper (bond, brochure, coloured, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock	
Media size	**Custom (metric):** 76 x 127 to 216 x 356 mm **Supported (metric):** Executive (184 x 267 mm); Oficio (216 x 330 mm); 102 x 152 mm; 127 x 203 mm; A4 (210 x 299 mm); A5 (148 x 210 mm); A6 (105x148 mm); B5(JIS) (182 x 257 mm); B6(JIS) (128 x 182 mm); 100 x 150 mm; Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Postcard(JIS) (100 x 147 mm); Double Postcard(JIS) (147 x 200 mm); Envelope #10 (105 x 241 mm); Envelope Monarch (98 x 191 mm); Envelope B5 (176 x 250 mm); Envelope C5 (162 x 229 mm); Envelope DL (110 x 220 mm); A5-R (210 x 148 mm)	**Custom (metric):** 76 x 127 to 216 x 356 mm **Supported (metric):** Executive (184 x 267 mm); Oficio (216 x 330 mm); 102 x 152 mm; 127 x 203 mm; A4 (210 x 299 mm); A5 (148 x 210 mm); A6 (105x148 mm); B5(JIS) (182 x 257 mm); B6(JIS) (128 x 182 mm); 100 x 150 mm; Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Postcard(JIS) (100 x 147 mm); Double Postcard(JIS) (147 x 200 mm); Envelope #10 (105 x 241 mm); Envelope Monarch (98 x 191 mm); Envelope B5 (176 x 250 mm); Envelope C5 (162 x 229 mm); Envelope DL (110 x 220 mm); A5-R (210 x 148 mm) **ADF:** A4; LTR; LGL
Media handling	**Standard input:** 150-sheet input tray **Standard output:** 100-sheet output bin	**Standard input:** 150-sheet input tray **Standard output:** 100-sheet output bin **ADF:** Standard, 35 sheets
Media weight	60 to 163 g/m² (Uncoated/Matte, recommended), however up to 175 g/m² Postcards and 200 g/m² HP Matte is allowed in the driver; 60 to 163 g/m² (Coated/Glossy, recommended), however up to 175 g/m² Postcards and 220 g/m² HP Glossy is allowed in the driver.; **ADF:** 60 to 163 g/m² (Uncoated/Matte, recommended), however up to 175 g/m² Postcards and 200 g/m² HP Matte is allowed in the driver; 60 to 163 g/m² (Coated/Glossy, recommended), however up to 175 g/m² Postcards and 220 g/m² HP Glossy is allowed in the driver.	
Input capacity	**Tray 1:** 15 mm stack height (75 g/m² paper) **Maximum:** Up to 150 sheets (15 mm stack height) in Tray 1	**Tray 1:** 15 mm stack height (75 g/m² paper) **Maximum:** Up to 150 sheets (15 mm stack height) in Tray 1 **ADF:** Standard, 35 sheets
Output capacity	**Standard:** Up to 100 sheets (10 mm stack height) Envelopes: 10 mm stack height Transparencies: 10 mm stack height **Maximum:** Up to 100 sheets (10 mm stack height)	
Compatible operating systems	Windows® 10, 8.1, 8, 7: 32/64-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 available hard disk space, Internet required, USB. Linux (For more information, see http://www.hplipopensource.com/hplip-web/index.html). Unix (For more information, see http://www.hp.com/go/unixmodelscripts)	
Compatible network operating systems	Windows® 10, 8.1, 8, 7: 32/64-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 available hard disk space, Internet required, USB. Linux (For more information, see http://www.hplipopensource.com/hplip-web/index.html). Unix (For more information, see http://www.hp.com/go/unixmodelscripts)	
Minimum system requirements	**Windows:** Windows® 10, 8.1, 8, 7: 32/64-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.; **Mac:** Apple® OS X Sierra (v10.12), El Capitan (v10.11), Yosemite (v10.10), 1.5 GB available hard disk space, Internet required, 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 http://www.HP.com or OS App Source for LaserJet Software	
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	
Printer management	HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager	

Model	**HP Color LaserJet Pro MFP M180n**	**HP Color LaserJet Pro MFP M181fw**
Product number	T6B70A	T6B71A
Dimensions and Weight		
Printer dimensions (W x D x H)	**Minimum:** 420 x 380 x 292.6 mm; **Maximum:** 420 x 435 x 295 mm	**Minimum:** 420 x 380 x 341.2 mm; **Maximum:** 435 x 435 x 343 mm
Package dimensions (W x D x H)	497 x 379 x 466 mm	497 x 398 x 466 mm
Printer weight	15.7 kg	16.3 kg
Package weight	18.4 kg	19.5 kg
Operating environment	**Temperature:** 15 to 30ºC; **Humidity:** 30 to 70% RH	
Storage	**Temperature:** -20 to 40ºC; **Humidity:** 0 to 95% RH	
Acoustics	**Acoustic power emissions:** 6.2 B(A) (Monochrome); 6.3 B(A) (Colour) **Acoustic pressure emissions:** 48 dB(A)(Monochrome); 49 dB(A) (Colour)	
Power[5]	**Requirements:** Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz) **Consumption:** 337 watts (Active Printing), 8.0 watts (Ready), 1.0 watts (Sleep), 0.1 watts (Manual-Off), 0.1 watts (Auto-Off/Manual-On), 1.0 watts (Auto-Off/Wake on LAN); **Typical Electricity Consumption (TEC)[6]:** Energy Star: 0.493 kWh/Week; Blue Angel: 0.531 kWh/Week; **Power supply type:** Internal (Built-in) power supply	**Requirements:** Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz) **Consumption:** 337 watts (Active Printing), 8.0 watts (Ready), 1.0 watts (Sleep), 0.1 watts (Manual-Off), 0.1 watts (Auto-Off/Manual-On), 1.0 watts (Auto-Off/Wake on LAN); **Typical Electricity Consumption (TEC)[6]:** Energy Star: 0.493 kWh/Week; Blue Angel: 0.523 kWh/Week; **Power supply type:** Internal (Built-in) power supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology	
Certifications	CISPR 22:2008, CISPR 32:2012/EN 55032:2012 - Class B; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 55024:2010 ENERGY STAR® qualified **Blue Angel compliant:** Yes, Blue Angel RAL-UZ 205	
What's in the box[7]	HP Colour LaserJet Pro MFP M180n; Introductory HP LaserJet Colour cartridges (700 pages colour composite (C/Y/M) and 800 page black); Installation guide; Printer documentation and software on CD-ROM; Power cord	HP Colour LaserJet Pro MFP M181fw; Introductory HP LaserJet Colour cartridges (700 pages colour composite (C/Y/M) and 800 pages black); Installation guide; Printer documentation and software on CD-ROM; Power cord; USB cable
Warranty	One-year unit exchange warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.	

Footnotes

[1] For details on local printing requirements see http://www.hp.com/go/mobile printing.
[2] 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®.
[3] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
[4] Based on cartridge yields for HP 201A compared with HP 204A Original HP LaserJet Toner Cartridges. For more information, see http://www.hp.com/go/learnaboutsupplies.
[5] 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.
[6] Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at http://www.hp.com/go/mobileprinting. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

Technical specifications disclaimers

[1] 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.
[2] 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.
[3] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[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.
[5] 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.
[6] 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.
[7] Introductory cartridges included, 800 pages black and 700 pages colour composite (C/Y/M).

www.blauer-engel.de/uz205

http://www.hp.com/uk

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