Data sheet

HP Laser MFP 130 series

Full-featured laser printing. Entry-level pricing.

Get productive MFP performance at an affordable price. Print, scan, copy, and fax,[1] produce high-quality results, and print and scan from your phone.[2,3]

HP Laser MFP 135a

HP Laser MFP 135w

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

Highlights

- Ideal size for any workspace
- Sharp black text, crisp graphics
- Print, scan, copy and fax (fax in 'f' model only)
- Speeds up to 20 ppm in A4[2]
- 40-sheet automatic document feeder (137fnw only)
- Wireless-network printing (135w, 137fnw)
- In box 500 pages initial toner
- Easy mobile printing and scanning with the HP Smart app (135w, 137fnw)
- Apple AirPrint™, Mopria-certified, Google Cloud Print™ certified

Legendary quality at an affordable price

- This surprisingly small laser delivers exceptional quality, page after page.
- Produce sharp text, bold blacks, and crisp graphics.
- Rely on a high-performance laser MFP at an affordable price.

Designed to fit your space

- You can fit this MFP almost anywhere – it's that small and compact.
- Get print speeds up to 20 ppm.[4]
- Get hands-free printing, scanning, copying, and faxing, using the 40-page ADF.[1]
- Get quick and easy printing and faxing directly at the control panel.

Easy mobile printing and scanning with HP Smart app

- Get simple setup, and print and scan from your phone, with the HP Smart app.[2,3]
- Easily print from a variety of smartphones and tablets.[3,5]
- Easily share resources – access and print with wireless and Ethernet networking.[3,6,7]
- Connect your smartphone or tablet directly to your printer – easily print without accessing a network.[3,8]

Product walkaround

HP Laser 137fnw shown

1. 20 ppm A4
2. Flatbed scanner handles up to A4
3. 40 page ADF (f models)
4. 2-line LCD and keypad (f models)
5. 100 sheet output bin
6. Hi-Speed USB 2.0; Fast Ethernet (n models); Fax (f model) ports
7. Built-in wireless networking; Wi-Fi Direct printing (w model)
8. 150 sheet input tray
9. Pre-installed Original HP Toner cartridge delivers up to 500 pages

Series at a glance

Model	HP Laser MFP 135a	HP Laser MFP 135w	HP Laser MFP 137fnw
Product number	4ZB82A	4ZB83A	4ZB84A
Memory/processor	128MB/600MHz		
Control panel	2-line LCD and keypad		
Mobile printing	HP's best-in-class mobile printing app - HP Smart App; AirPrint 1.8 enabled; Mopria; Google Cloud Print™		
Connectivity (USB, wireless, Wi-Fi Direct, Ethernet)	USB 2.0 high-speed, no, no, no	USB 2.0 high-speed, yes, yes, no	USB 2.0 high-speed, yes, yes, yes
Recommended Monthly Page Volume	Up to 2,000 pages		
Print speed (A4)	Up to 20 ppm		

Accessories, Supplies and Support

Supplies	**W1106A** HP 106A Black Original Laser Toner Cartridge (1,000 pages)
Service and Support	**UB4W1E** HP 3 year Standard Exchange Service for Laser 135 and 137 series **UB4V8E** HP 3 year Next Business Day Exchange Service for Laser 135 and 137 series **UB4W3E** HP 2 year Return to Depot Service for Laser 135 and 137 series (UB4W1E - All EMEA countries except ME, Africa, South Africa, Israel, Turkey, UB4V8E - Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UB4W3E - ME, Africa, South Africa, Israel, Turkey)

Technical specifications

Model	**HP Laser MFP 135a**	**HP Laser MFP 135w**	**HP Laser MFP 137fnw**
Product number	4ZB82A	4ZB83A	4ZB84A
Functions	Print, copy, scan		Print, copy, scan, fax
Control panel	2-Line LCD; 12 Buttons (Power, Cancel, Start, Navigation(Menu, OK, Back, Left, Right), ID Copy, Contrast, Scale, Info); LED indicator lights (Power, Status)	2-Line LCD; 12 Buttons (Power, Cancel, Start, Navigation (Menu, OK, Back, Left, Right), ID Copy, Contrast, Scan to, Wireless); LED indicator lights (Power, Status, Wireless)	2-Line LCD; 30 Buttons (Power, Cancel, Start, Navigation (Menu, OK, Back, Left, Right), ID Copy, Contrast, Scale, Wireless, Numeric & Tel(1 to 9, 0, *, #, Address Book, Redial, On hook), Mode (Fax, Copy, Scan to); LED indicator lights (Power, Status, Wireless, Mode)
Print			
Print technology	Laser		
Print speed[1]	**Black (A4, normal)** Up to 20 ppm;		
First page out[2]	**Black (A4, ready)**: As fast as 8.3 sec; **Black (A4, sleep)**: As fast as 18 sec;		
Print resolution	**Black (best)**: Up to 1,200 x 1,200 dpi; **Technology**: ReCP;		
Monthly duty cycle[3]	Up to 10,000 pages A4; **Recommended monthly page volume**[4]: 100 to 2,000		
Printer smart software features	Manual duplex and booklet print, N-up printing, skip blank pages, poster print, watermarks		
Standard print languages	SPL		
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[5]	**Black (A4)**: Up to 20 cpm		
Copier specifications	Copies; Original Size; Reduce/Enlarge; Darkness; Original Type; Collation; 2-Up; 4-Up; ID Copy; Adjust Background; Auto Fit Copy; **Maximum number of copies**: Up to 99 copies; **Reduce/Enlarge**: 25 to 400%;		
Scan			
Scan speed			**Duplex (A4)**: Up to 15 ipm (b&w), up to 6 ipm (color)
Scan file format	Windows Scan SW supports file format: PDF, JPG, TIFF, PNG, BMP		
Scanner specifications	**Scanner type**: Flatbed; **Scan technology**: Contact Image Sensor (CIS); **Scan input modes**: Front-panel copy, HP MFP scan software, user application via TWAIN or WIA; **Twain version**: Version 1.9; **Scan size maximum (flatbed)**: 216 x 297 mm; **Optical scan resolution**: Up to 600 × 600 dpi		**Scanner type**: Flatbed, ADF; **Scan technology**: Contact Image Sensor (CIS); **Scan input modes**: Front-panel copy, HP MFP scan software, user application via TWAIN or WIA; **Twain version**: Version 1.9; **Scan size maximum (flatbed)**: 216 x 297 mm; **Optical scan resolution**: Up to 600 × 600 dpi

Model	HP Laser MFP 135a	HP Laser MFP 135w	HP Laser MFP 137fnw
Product number	4ZB82A	4ZB83A	4ZB84A
Scanner advanced features	Scan to WSD (network support only); Book Scanning; Poster stitching for multiple scan; Text converting; Scan to E-Book; Existing file to E-Book		
Scannable area	**Maximum media size (flatbed)**: 216 x 297 mm;		**Maximum media size (flatbed)**: 216 x 297 mm; **Minimum media size (ADF)**: 145 x 145 mm **Maximum media size (ADF)**: 216 x 356 mm
Bit depth/ Grey scale levels	8-bit (mono); 16-bit (color) / 256		
Digital sending	Standard: PC Scan	Standard: Scan to WSD; WSD Scan; PC Scan	
Fax			
Fax	No,		Yes, black & white and color (send only), 33.6 kbps
Fax specifications			**Fax memory**: Up to 400 pages; **Fax resolution**: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of grey; Superfine: Up to 300 x 300 dpi; **Quick dialing**: Up to 200 numbers; **Telecom compliance**: EBR21, FCC Prat 68
Fax smart software features			Permanent fax memory backup, colour faxing, auto fax reduction, auto redialing, delayed sending, fax forwarding, PC fax, secure receive
Processor speed	600 MHz		
Connectivity			
Standard	Hi-Speed USB 2.0	Hi-Speed USB 2.0; Wireless 802.11 b/g/n	Hi-Speed USB 2.0; Fast Ethernet 10/100Base-Tx network port; Wireless 802.11 b/g/n
Optional	None		
Wireless	No	Yes, built-in Wi-Fi 802.11b/g/n	
Mobile printing capability		Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing	
Supported network protocols	No	Via built-in networking solution: 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 (Stateless Link-Local and via Router, Stateful via DHCPv6); Management: SNMPv1/v2/v3, HTTP	
Memory	**Standard**: 128 MB; **Maximum**[6]: 128 MB		
Media handling			
Number of paper trays	**Standard**: 1 **; Maximum**: 1		
Media types	Plain, Thick, Thin, Cotton, Colour, Preprinted, Recycled, Labels, CardStock, Bond, Archive, Envelope		
Media size	**Custom (metric)**: 76 x 127 to 216 x 356 mm **; Supported (metric)**: A4; A5; A5 (LEF); B5 (JIS); Oficio; Envelope (DL, C5)		**Custom (metric)**: 76 x 127 to 216 x 356 mm **; Supported (metric)**: A4; A5; A5 (LEF); B5 (JIS); Oficio; Envelope (DL, C5) **; ADF**: B5
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, 40 sheets
Media weight	60 to 163 g/m²;		60 to 163 g/m²; **ADF**: 60 to 105 g/m²

Model	HP Laser MFP 135a	HP Laser MFP 135w	HP Laser MFP 137fnw
Product number	4ZB82A	4ZB83A	4ZB84A
Input capacity	**Tray 1**: Sheets (75 g/m²): 150; Envelopes: 10 **Maximum**: Up to 150 sheets		**Tray 1**: Sheets (75 g/m²): 150; Envelopes: 10 **Maximum**: Up to 150 sheets **ADF**: Standard, 40 sheets
Output capacity	**Standard**: Up to 100 sheets Envelopes: Up to 10 envelopes **Maximum**: Up to 100 sheets		
Compatible operating systems[7]	Windows®: 7 (32/64-bit), 2008 Server R2, 8 (32/64-bit), 8.1 (32/64-bit), 10 (32/64-bit), 2012 Server, 2016 Server		
Compatible network operating systems	Windows®: 7 (32/64-bit), 2008 Server R2, 8 (32/64-bit), 8.1 (32/64-bit), 10 (32/64-bit), 2012 Server, 2016 Server		
Minimum system requirements	**Windows**: Windows 7 or newer, Intel® Pentium® IV 1 GHz 32/64-bit processor or higher, 1 GB RAM, 16 GB HDD;		
Software included	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, OCR program		Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, HP LJ Network PC-FAX, OCR program
Security management	No	Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change; SNMPV2/V3; IPSec; Filtering: MAC, IPv4, IPv6	
Printer management	None		
Dimensions and weight			
Printer dimensions (W x D x H)[8]	**Minimum** 406 x 359.6 x 253 mm; **Maximum**: 406 x 424 x 253 mm;		**Minimum** 406 x 359.6 x 308.7 mm; **Maximum**: 421.9 x 424 x 308.7 mm;
Package dimensions (W x D x H)	482 x 447 x 361 mm		482 x 447 x 421 mm
Printer weight[9]	7.46 kg		8.58 kg
Package weight	9.94 kg		11.5 kg
Operating environment	**Temperature**: 10 to 30°C; **Humidity**: 20 to 70% RH (non-condensing)		
Storage conditions	**Temperature**: -20 to 40°C;		
Acoustics	**Acoustic power emissions**: 6.5 B(A) (printing at 20 ppm);		
Power[10]	**Requirements**: 220 to 240 VAC, 50/60Hz; **Consumption**: 300 watts (Active Printing), 38 watts (Ready), 1.9 watts (Sleep), 0.2 watts (Manual Off), 0.2 watts (Auto Off/Manual On); **Typical Electricity Consumption (TEC)**[11]: Blue Angel: 0.876 kWh/Week; Energy Star: 0.924 kWh/Week; **Power supply type**: Internal (Built-in) power supply;		**Requirements**: 220 to 240 VAC, 50/60Hz; **Consumption**: 300 watts (Active Printing), 38 watts (Ready), 1.9 watts (Sleep), 0.2 watts (Manual Off); **Typical Electricity Consumption (TEC)**[11]: Blue Angel: 0.876 kWh/Week; Energy Star: 0.924 kWh/Week; **Power supply type**: Internal (Built-in) power supply;
Energy savings feature technology	HP Auto-Off Technology; Power save		Power save
Certifications	EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, 47 CFR Part 15, Subpart B I ANSI C63.4-2009, ICES-003 Issue 5, KN32, KN35, GB/T 9254-2008, GB17625.1-2012, CISPR22:2008, CISPR32:2012,CNS 13438, other EMC approvals as required by individual countries **Blue Angel compliant** Yes, Blue Angel DE-UZ 205	EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, 47 CFR Part 15, Subpart B I ANSI C63.4-2009, ICES-003 Issue 5, KN32, KN35, GB/T 9254-2008, GB17625.1-2012, CISPR22:2008, CISPR32:2012, CNS 13438, other EMC approvals as required by individual countries **Blue Angel compliant** Yes, Blue Angel DE-UZ 205	
What's in the box[12]	HP Laser MFP 135a Printer; Preinstalled introductory HP Laser Black print cartridges (500 pages); Setup guide; Reference guide; Regulatory statements flyer; Power cord	HP Laser MFP 135w Printer; Preinstalled introductory HP Laser Black print cartridges (500 pages); Setup guide; Reference guide; Regulatory statements flyer; Power cord; USB cable	HP Laser MFP 137fnw Printer; Preinstalled introductory HP Laser Black print cartridges (500 pages); Setup guide; Reference guide; Regulatory statements flyer; Power cord; USB cable; Telecom cable
Warranty	One-year limited hardware warranty; For more info please visit us at https://www.support.hp.com		

Footnotes

[1] Fax capabilities and ADF only available on p, pn, pnw, and fnw models.
[2] Requires the HP Smart app download. For details on local printing requirements see http://www.hp.com/go/mobileprinting.
[3] Wireless and mobile printing available only on w, nw, pnw, or fnw models.
[4] 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.
[5] For details on local printing requirements see http://www.hp.com/go/mobileprinting.
[6] 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®.
[7] Ethernet networking available only on nw, pn, pnw, or fnw models.
[8] 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] Duty cycle is defined as the maximum number of pages per month of imaged output.
[4] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
[5] 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.
[6] 128 MB (DDR3-1333).
[7] Windows 7 or higher.
[8] Dimensions vary as per configuration.
[9] Weight varies as per configuration.
[10] 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.
[11] 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 and 230V for Blue Angel.
[12] Introductory cartridges included; Yield: 500 black pages. Replacement cartridge average declared yield 1,000 based on ISO/IEC 19752. Actual yield varies considerably based on content of printed pages and other factors. For details see http://www.hp.com/go/learnaboutsupplies.

www.blauer-engel.de/uz205

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