

# 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,<sup>1</sup> produce high-quality results, and print and scan from your phone.<sup>2,3</sup>



HP Laser MFP 135a



HP Laser MFP 135w

## 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<sup>2</sup>
- 40-sheet automatic document feeder (137fwg)
- Wireless-network printing (135wg, 137fwg)
- In box 500 pages initial toner
- Easy mobile printing and scanning with the HP Smart app (135wg, 137fwg)
- Apple AirPrint™, Mopria-certified, Google Cloud Print™ certified



Compact size



Quality laser printing



Legendary HP reliability



Easy ID copy



Mobile printing

## 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.<sup>4</sup>
- Get hands-free printing, scanning, copying, and faxing, using the 40-page ADF.<sup>1</sup>
- 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.<sup>2,3</sup>
- Easily print from a variety of smartphones and tablets.<sup>3,5</sup>
- Easily share resources – access and print with wireless and Ethernet networking.<sup>3,6,7</sup>
- Connect your smartphone or tablet directly to your printer – easily print without accessing a network.<sup>3,8</sup>

## 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		

## Configurable Items, Accessories, Supplies and Support

<b>Supplies</b>	<b>W1106A</b> HP 106A Black Original Laser Toner Cartridge (~1,000 pages)
<b>Service and Support</b>	<b>UB4W1E</b> HP 3 year Standard Exchange Service for Laser 135 and 137 series <b>UB4V8E</b> HP 3 year Next Business Day Exchange Service for Laser 135 and 137 series <b>UB4W3E</b> HP 2 year Return to Depot Service for Laser 135 and 137 series <b>UB4W4E</b> HP 3 year Return to Depot Service for Laser 135 and 137 series (UB4W1E - All EMEA countries except ME, Africa, South Africa, Israel, Turkey, Rusia, CIS, 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, UB4W4E - Adriatic, Africa, CIS, EEM, Israel, Slovenia, South Africa, Turkey)

## Technical specifications

Model	HP Laser MFP 135a	HP Laser MFP 135w	HP Laser MFP 137frw
<b>Product number</b>	4ZB82A	4ZB83A	4ZB84A
<b>Functions</b>	Print, copy, scan		Print, copy, scan, fax
<b>Control panel</b>	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)
<b>Print</b>			
Print technology	Laser		
Print speed <sup>1</sup>	<b>Black (A4, normal)</b> Up to 20 ppm;		
First page out <sup>2</sup>	<b>Black (A4, ready):</b> As fast as 8.3 sec; <b>Black (A4, sleep):</b> As fast as 18 sec;		
Print resolution	<b>Black (best):</b> Up to 1,200 x 1,200 dpi; <b>Technology:</b> ReCP;		
Monthly duty cycle <sup>3</sup>	Up to 10,000 pages A4; <b>Recommended monthly page volume<sup>4</sup>:</b> 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	<b>Print margins</b> 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)		
<b>Copy</b>			
Copy speed <sup>5</sup>	<b>Black (A4):</b> 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; <b>Maximum number of copies:</b> Up to 99 copies; <b>Reduce/Enlarge:</b> 25 to 400%;		
<b>Scan</b>			
Scan speed			<b>Normal (A4):</b> Up to 20 ipm (b&w), up to 7 ipm (color);
Scan file format	Windows Scan SW supports file format: PDF, JPG, TIFF, PNG, BMP		

<b>Model</b>	HP Laser MFP 135a	HP Laser MFP 135w	HP Laser MFP 137fnw
<b>Product number</b>	4ZB82A	4ZB83A	4ZB84A
<b>Scanner specifications</b>	<b>Scanner type:</b> Flatbed; <b>Scan technology:</b> Contact Image Sensor (CIS); <b>Scan input modes:</b> Front-panel copy, HP MFP scan software, user application via TWAIN or WIA; <b>Twain version:</b> Version 1.9; <b>Scan size maximum (flatbed):</b> 216 x 297 mm; <b>Optical scan resolution:</b> Up to 600 x 600 dpi		<b>Scanner type:</b> Flatbed, ADF; <b>Scan technology:</b> Contact Image Sensor (CIS); <b>Scan input modes:</b> Front-panel copy, HP MFP scan software, user application via TWAIN or WIA; <b>Twain version:</b> Version 1.9; <b>Scan size maximum (flatbed):</b> 216 x 297 mm; <b>Optical scan resolution:</b> Up to 600 x 600 dpi
<b>Scanner advanced features</b>	Scan to WSD (network support only); Book Scanning; Poster stitching for multiple scan; Text converting; Scan to E-Book; Existing file to E-Book		
<b>Scannable area</b>	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
<b>Bit depth/ Grey scale levels</b>	8-bit (monochrome) 32-bit (color) / 256		
<b>Digital sending</b>	Standard: PC Scan	Standard: Scan to WSD; WSD Scan; PC Scan	
<b>Fax</b>			
<b>Fax</b>	No,		Yes, black & white and color (send only), 33.6 kbps
<b>Fax specifications</b>			<b>Fax memory:</b> Up to 400 pages; <b>Fax resolution:</b> Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; 256 levels of grey; Superfine: Up to 300 x 300 dpi; <b>Quick dialing:</b> Up to 200 numbers
<b>Fax smart software features</b>			Permanent fax memory backup, colour faxing, auto fax reduction, auto redialing, delayed sending, fax forwarding, PC fax, secure receive
<b>Processor speed</b>	600 MHz		
<b>Connectivity</b>			
<b>Standard</b>	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
<b>Optional</b>	None		
<b>Wireless</b>	No	Yes, built-in Wi-Fi 802.11b/g/n	
<b>Mobile printing capability</b>	Apple AirPrint™; Google Cloud Print™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing		
<b>Supported network protocols</b>	No	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), WSD; Discovery: SLP, Bonjour, WS-Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6); Management: SNMPv1/v2/v3, HTTP	
<b>Network capabilities</b>	No	Via built-in 10/100 Base-TX networking	
<b>Memory</b>	Standard: 128 MB; Maximum <sup>6</sup> : 128 MB		
<b>Media handling</b>			
<b>Number of paper trays</b>	Standard: 1 ; Maximum: 1		
<b>Media types</b>	Plain, Thick, Thin, Cotton, Colour, Preprinted, Recycled, Labels, CardStock, Bond, Archive, Envelope		
<b>Media size</b>	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: A4, A5, B5, Executive, Letter

Model	HP Laser MFP 135a	HP Laser MFP 135w	HP Laser MFP 137fnw
Product number	4ZB82A	4ZB83A	4ZB84A
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/m <sup>2</sup> ;		60 to 163 g/m <sup>2</sup> ; ADF: 60 to 105 g/m <sup>2</sup>
Input capacity	Tray 1: Sheets (75 g/m <sup>2</sup> ): 150; Envelopes: 10 Maximum: Up to 150 sheets		Tray 1: Sheets (75 g/m <sup>2</sup> ): 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 <sup>7</sup>	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; macOS v10.14 Mojave, macOS v10.13 High Sierra, macOS v10.12 Sierra, OS X v10.11 El Capitan		
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; Mac: OS X v10.11 or newer, AirPrint 1.8 compatible with macOS 10.11, 1.5 GB available hard disk space, Internet, USB	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; Mac: Apple® OS X El Capitan (v10.11), macOS Sierra (v10.12), macOS High Sierra (v10.13), 1.5 GB available hard disk space, Internet required, USB	
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		
<b>Dimensions and weight</b>			
Printer dimensions (W x D x H) <sup>8</sup>	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 <sup>9</sup>	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 <sup>10</sup>	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) <sup>11</sup> : Blue Angel: 0.876 kWh/Week; Energy Star: 0.924 kWh/Week; Power supply type: Internal (Built-in) power supply;		Requirements: 110-volt input voltage: 110 to 127 VAC, 50/60Hz and 220-volt input voltage: 220 to 240 VAC, 50/60Hz. Not dual voltage, power supply varies by part number with # Option code identifier; Consumption: 300 watts (Active Printing), 38 watts (Ready), 1.9 watts (Sleep), 0.2 watts (Manual Off); Typical Electricity Consumption (TEC) <sup>11</sup> : 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 ANS I 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	EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, 47 CFR Part 15, Subpart B I ANS I 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	EN 61000-3-2:2014, EN 61000-3-3:2013, EN55024:2010, EN 55032:2012/AC:2013, 47 CFR Part 15, Subpart B I ANS I 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 Telecom compliance: EBR21
Sustainable impact specifications	Mercury free		
Blue Angel compliant	Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies		
Country of origin	Made in China		
What's in the box <sup>12</sup>	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 <a href="https://www.support.hp.com">https://www.support.hp.com</a>		

## Footnotes

- <sup>1</sup> Fax capabilities and ADF only available on p, pn, pnw, and fnw models.
- <sup>2</sup> Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.
- <sup>3</sup> Wireless and mobile printing available only on w, nw, pnw, or fnw models.
- <sup>4</sup> Measured using ISO/IEC 24734, excludes first set of test documents. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- <sup>5</sup> For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.
- <sup>6</sup> Wireless operations are compatible with 2.4 GHz operations only. Learn more at <http://www.hp.com/go/mobileprinting>. Wi-Fi is a registered trademark of Wi-Fi Alliance®.
- <sup>7</sup> Ethernet networking available only on nw, pn, pnw, or fnw models.
- <sup>8</sup> 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

- <sup>1</sup> 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.
- <sup>2</sup> 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.
- <sup>3</sup> Duty cycle is defined as the maximum number of pages per month of imaged output.
- <sup>4</sup> 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.
- <sup>5</sup> 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.
- <sup>6</sup> 128 MB (DDR3-1333).
- <sup>7</sup> Windows 7 or higher.
- <sup>8</sup> Dimensions vary as per configuration.
- <sup>9</sup> Weight varies as per configuration.
- <sup>10</sup> 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.
- <sup>11</sup> 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.
- <sup>12</sup> 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/learnaboutsplies>.



[www.blauer-engel.de/uz205](http://www.blauer-engel.de/uz205)

