HP

HP Laser 135w Wireless Multifunction Black and white Printer, Copier, Scanner; Duplex

Brand : HP

Product family: Laser

Product code: 4ZB83A

Product name : Laser 135w Wireless Multifunction Black and white Printer, Copier, Scanner; Duplex

- Print, copy, scan
- Print speed up to 21 ppm
- Up to 1,200 x 1,200 dpi
Laser MFP 135w

HP Laser 135w Wireless Multifunction Black and white Printer, Copier, Scanner; Duplex:

Dynamic security enabled printer Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP chips and electronic circuitry enable the use of reused, remanufactured, and refilled cartridges.
HP Laser 135w Wireless Multifunction Black and white Printer, Copier, Scanner; Duplex. Print technology: Laser, Printing: Mono printing, Maximum resolution: 1200 x 1200 DPI. Copying: Mono copying, Maximum copy resolution: 600 x 600 DPI. Scanning: Colour scanning, Optical scanning resolution: 600 x 600 DPI. Maximum ISO A-series paper size: A4. Wi-Fi. Product colour: Grey, White

Printing

Duplex printing mode	Manual
Print resolution black	1200 x 1200 DPI
Print technology *	Laser
Printing *	Mono printing
Duplex printing *	✔
Maximum resolution *	1200 x 1200 DPI
Print speed (black, normal quality, A4/US Letter) *	20 ppm
Warm-up time	32 s
Time to first page (black, normal)	8.3 s
Print margins (top, bottom, right, left)	5 mm
N-in-1 print function	✔
Watermark printing	✔
Secure printing	✔
Booklet printing function	✔
Poster printing function	✔

Copying

Duplex copying *	✔
Copying *	Mono copying
Maximum copy resolution *	600 x 600 DPI
Time to first copy (black, normal)	8.9 s
Maximum number of copies	99 copies
Copier resize	25 - 400%
N-in-1 copy function	✔
N-in-1 copy function (N=)	2, 4
ID-card copy function	✔
Background adjustment function	✔
Auto fit function	✔

Scanning

Scanning *	Colour scanning

Performance

Maximum internal memory	128 MB
Card reader integrated	✘
Internal memory *	128 MB
Built-in processor	✔
Processor frequency	600 MHz
Sound power level (printing)	6.5 dB

Design

Product colour *	Grey, White
Market positioning *	Home & office
Built-in display *	✔
Display	LCD
Display number of lines	2 lines
Control type	Buttons

Power

Power consumption (PowerSave)	0.2 W
Power consumption (printing)	300 W
Power consumption (ready)	38 W
Power consumption (sleep)	1.9 W
Power consumption (off)	0.2 W
Energy Star Typical Electricity Consumption (TEC)	0.924 kWh/week
AC input voltage	110 - 127 V
AC input frequency	50/60 Hz

Brand-specific features

HP Auto-On/Auto-Off	✔
HP Dynamic security	✔
HP GTIN (EAN/UPC) with options	(ABY) 193808342240; (B13) 193905621576; (B19) 193015506664; (BAZ) 193808342257
HP GTIN (EAN/UPC)	193808342240, 193905621576, 193015506664, 193808342257

Scanning

Optical scanning resolution *	600 x 600 DPI
Maximum scan resolution	4800 x 4800 DPI
Maximum scan area	216 x 297 mm
Scanner type *	Flatbed scanner
Scan technology	CIS
Scan to	Software, TWAIN, WIA
Image formats supported	BMP, JPG, PNG, TIFF
Document formats supported	PDF
Greyscale levels	256
Scan drivers	TWAIN, WIA
TWAIN version	1.9

Fax

Faxing *	✘

Features

Recommended duty cycle	100 - 2000 pages per month
Maximum duty cycle *	10000 pages per month
Digital sender	✔
Number of print cartridges *	1
Printing colours *	Black
Page description languages	SPL
All-In-One-multitasking	✔
Country of origin	China
Replacement cartridges	W1106A HP 106A Black Original Laser Toner Cartridge (1,000 pages)
HP segment	Small medium business

Input & output capacity

Total number of input trays *	1
Total input capacity *	150 sheets
Total output capacity *	100 sheets
Paper tray 1 input capacity	150 sheets
Auto document feeder (ADF)	✔
Auto document feeder (ADF) input capacity	40 sheets
Maximum number of input trays	1
Maximum input capacity	150 sheets
Maximum output capacity	100 sheets

Paper handling

Maximum ISO A-series paper size *	A4
Maximum print size	216 x 356 mm
Paper tray media types *	Bond paper, Card stock, Envelopes, Labels, Plain paper, Recycled paper, Thick paper, Thin paper
ISO A-series sizes (A0...A9) *	A4, A5
ISO C-series sizes (C0...C9)	C5
Non-ISO print media sizes	Oficio
JIS B-series sizes (B0...B9)	B5
Envelopes sizes	C5, DL
Custom media width	76 - 216 mm
Custom media length	127 - 356 mm
Paper tray media weight	60 - 163 g/m²

Ports & interfaces

Standard interfaces	USB 2.0
Direct printing *	✘
USB port	✔

Network

Wi-Fi *	✔
Ethernet LAN *	✘

System requirements

Windows operating systems supported	Windows 8.1, Windows 10, Windows 8
Mac operating systems supported	Mac OS X 10.14 Mojave, Mac OS X 10.13 High Sierra, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2016

Operational conditions

Operating relative humidity (H-H)	10 - 80%
Storage temperature (T-T)	-20 - 40 °C
Operating temperature (T-T)	10 - 30 °C

Certificates

Certification	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.)

Sustainability

Sustainable technologies and materials	Mercury free
Doesn't contain	Mercury

Carbon footprint

Total carbon footprint (kg of CO2e)	110
Carbon emissions, manufacturing (kg of CO2e)	74
Carbon emissions, logistics (kg of CO2e)	3
Carbon emissions, end-of-life (kg of CO2e)	8
Total carbon emissions, w/o use phase (kg of CO2e)	29

Weight & dimensions

Width	406 mm
Depth	359.6 mm
Height	253 mm
Weight	7.46 kg

Packaging data

Package width	482 mm
Package depth	447 mm
Package height	361 mm
Package weight	9.94 kg

Packaging content

Cables included	AC, USB
Bundled software	Common Installer, V3 Print Driver with Lite SM, TWAIN/WIA Driver, HP MFP Scan, OCR program

Logistics data

Harmonized System (HS) code	8443310000
Pallet gross weight	288 kg
Layers per pallet	4 pc(s)
Products per pallet	28 pc(s)

Technical details

Master (outer) cases per pallet layer 7 pc(s)

General Product Safety Regulation (GPSR) URL https://support.hp.com/gb-en/product/setup-user-guides/hp-laser-mfp-130-printer-series/model/24494382?sku=4ZB83A ; http://h10032.www1.hp.com/ctg/Manual/c06288271.pdf ; http://h10032.www1.hp.com/ctg/Manual/c06270942.pdf

Other features

|	
Number of users	5 user(s)
Pallet dimensions (W x D x H)	1200 x 1000 x 2167 mm

Network		Other features	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Recommended system requirements	PC: Windows® 10, 8.1, 8, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer.
Wi-Fi Direct	✔		
Security algorithms	IPSec, SNMPv2		
Mobile printing technologies	Apple AirPrint, Google Cloud Print, Mopria Print Service	Manufacturer warranty	One-year limited hardware warranty; For more info please visit us at https://www.support.hp.com
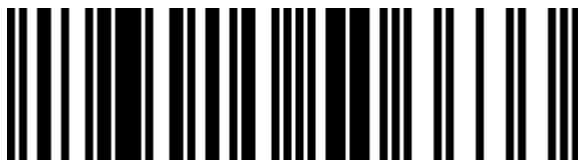
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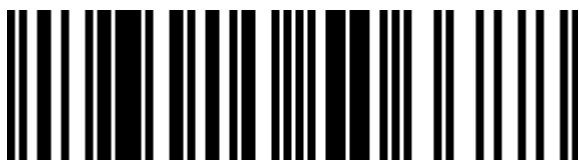
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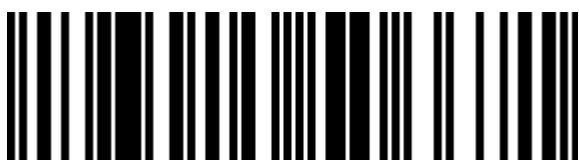
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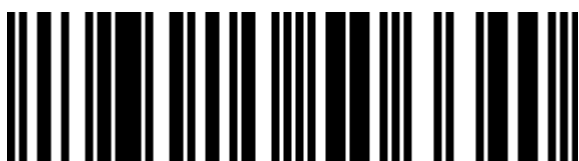
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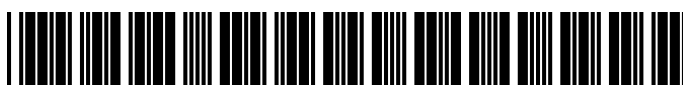
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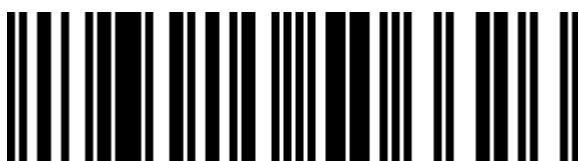
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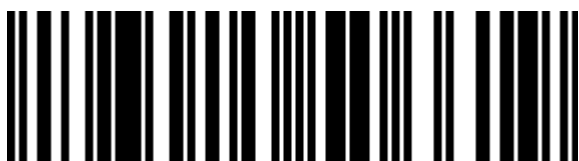
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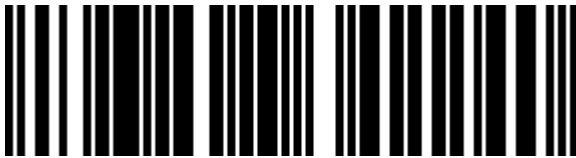
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