

HP LaserJet M109–M112 Printer Series and HP LaserJet MFP M139–M142 Series

AUGUST 2020



World's Smallest Monochrome Laser Printers In-class¹
World's Smallest Black and White Laser Printers In-class¹

Objective

In August 2020, Keypoint Intelligence - Buyers Lab was contracted by HP to conduct a study to determine if the new HP LaserJet M109–M112 printer series and the HP LaserJet MFP M139–M142 series are “the world’s smallest monochrome laser printers in-class” and the “world’s smallest black and white laser printers in class.” Using HP’s stated dimensions (13.6 inches x 7.5 inches x 6.3 inches for the HP LaserJet M109–M112 series and 14.17 inches x 10.39 inches x 7.76 inches for the HP LaserJet MFP M139–M142 series), Keypoint Intelligence analysts have determined that, based on available specification data for laser models worldwide, no other in-class monochrome laser models available on the market as of this date are smaller than the HP LaserJet M109–M112 printer series and the HP LaserJet MFP M139–M142 series.

¹Smallest in-class footprint compared only to dimensions of majority of personal monochrome laser printers and MFPs less than \$179 USD or 152€ and less than \$249 USD or 211€, respectively. Minimum dimensions used in this analysis. Buyers Lab August 2020 study commissioned by HP, based on a research survey OEM published specifications publicly available information as of 07/31/2020. Per HP, measured footprint for the HP LaserJet M109–M112 series is 102.0 square inches, and for the HP LaserJet MFP M139–M142 series is 147.226 square inches. Market share as reported by IDC Quarterly Hardcopy Peripherals Tracker - Final Historical 2020Q1 Worldwide. For details, please see: keypointintelligence.com/HPSmallestLaser

Methodology & Findings

Using publicly available specification information, Keypoint Intelligence analysts compiled product dimensions for in-class models (based on IDC segmentation of monochrome laser printers ≤\$179 USD and monochrome laser MFPs ≤\$249 USD) and calculated the total footprint area (obtained by multiplying the claimed width by the depth of the devices). Using the dimensions 13.6 inches x 7.5 inches for the HP LaserJet M109–M112 series, its footprint area of 102.0 square inches was found to be the smallest in class. Using the dimensions 14.17 inches x 10.39 inches for the HP LaserJet MFP M139–M142 series, its footprint area of 147.226 was also found to be the smallest in-class.

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Supporting Data Tables

HP LaserJet M109 Series Single-Function Printers (Smallest to Largest)

Vendor	Model Name	Width (in)	Depth (in)	Height (in)	Footprint Area (sq in)
HP Inc.	HP LaserJet M109–M112	13.60	7.50	6.30	102.000
HP Inc.	Laser 103a	13.03	8.46	7.01	110.293
HP Inc.	Laser 107a	13.03	8.46	7.01	110.293
HP Inc.	Laser 107w	13.03	8.46	7.01	110.293
HP Inc.	Laser 108a	13.03	8.46	7.01	110.293
HP Inc.	Laser 108w	13.03	8.46	7.01	110.293
Xerox	Phaser 3020Bi	13.03	8.46	7.40	110.293
HP Inc.	SL-M2030	13.00	8.50	7.01	110.500
HP Inc.	SL-M2027	13.07	8.46	7.01	110.572
Aurora	AD200PS	13.26	8.66	7.01	114.832
Pantum	P2206NW	13.27	8.66	7.09	114.917
Pantum	P2207	13.27	8.66	7.09	114.917
Pantum	P2506	13.27	8.66	7.01	114.917
Brother	HL-1110	13.39	9.37	7.44	125.426
Brother	HL-1210W	13.39	9.37	7.44	125.426
Brother	HL-1208	13.39	9.37	7.44	125.464
Brother	HL-1212W	13.39	9.37	7.44	125.464
Brother	HL-1200	13.40	9.40	7.40	125.960
Brother	HL-1202	13.40	9.40	7.40	125.960
Konica Minolta	bizhub 2200P	14.57	8.66	7.01	126.176
HP Inc.	LaserJet Pro M12a	13.74	9.37	7.72	128.744
HP Inc.	LaserJet Pro P1106	13.74	9.38	7.71	128.881
HP Inc.	LaserJet Pro P1108	13.74	9.38	7.71	128.881
Canon Group	LBP6018L	14.13	9.80	7.83	138.474
HP Inc.	LaserJet 1020 Plus	14.57	9.53	8.23	138.852
HP Inc.	LaserJet Pro M102a	14.36	9.74	7.50	139.795
HP Inc.	LaserJet Pro M102w	14.36	9.74	7.50	139.795
Canon Group	LBP6030w	14.33	9.80	7.83	140.434
Canon Group	LBP6030	14.33	9.80	7.83	140.486
Canon Group	LBP6030B	14.33	9.80	7.83	140.486
Canon Group	LBP2900B	14.57	9.88	8.54	143.949
Canon Group	LBP2900	14.57	9.88	8.54	143.952
Canon Group	LBP2900+	14.57	9.88	8.53	143.952
Kyocera Group	FS-1040	14.09	10.32	9.49	145.409
Lexmark	B2236dw	14.00	13.10	8.50	183.400

Vendor	Model Name	Width (in)	Depth (in)	Height (in)	Footprint Area (sq in)
Brother	HL-L2310D	14.02	14.17	7.20	198.593
Brother	HL-L2321D	14.02	14.17	7.20	198.602
Brother	HL-2260	14.02	14.17	7.20	198.663
Brother	HL-L2370DN	14.02	14.17	7.2	198.663
Brother	HL-L2375DW	14.02	14.17	7.20	198.663
Brother	HL-L2320D	14.00	14.20	7.20	198.800
Brother	HL-L2350DW	14.00	14.20	7.20	198.800
Brother	HL-L2370DW	14.00	14.20	7.20	198.800
HP Inc.	LaserJet Pro M304a	15.00	14.06	8.50	210.900
Brother	HL-L5100DN	14.70	15.30	10.00	224.910
HP Inc.	LaserJet Pro M203dn	14.60	16.00	8.80	233.600
HP Inc.	LaserJet Pro M203dw	14.60	16.00	8.80	233.600
HP Inc.	LaserJet Pro M118dw	14.59	16.04	8.81	233.954

HP LaserJet MFP M139 Series (Smallest to Largest)

Vendor	Model Name	Width (in)	Depth (in)	Height (in)	Footprint Area (sq in)
HP Inc.	HP LaserJet MFP M139-M142	14.17	10.39	7.76	147.226
Lenovo	M7268W	13.78	10.83	5.31	149.237
Lenovo	M100W	14.17	10.63	7.68	150.627
Canon Group	i-SENSYS MF3010	14.65	10.83	10.00	158.660
Canon Group	imageCLASS MF3010	14.65	10.87	10.00	159.199
HP Inc.	LaserJet Pro M1136 MFP	16.34	10.43	9.84	170.426
HP Inc.	Neverstop Laser MFP 1200w	14.98	11.55	11.30	173.019
HP Inc.	LaserJet Pro MFP M130a	15.67	11.34	9.10	177.698
HP Inc.	LaserJet Pro MFP M130nw	15.67	11.34	9.10	177.698
HP Inc.	LaserJet Pro MFP M132a	15.67	11.34	9.10	177.698
HP Inc.	LaserJet Pro MFP M130fn	16.34	11.34	11.00	185.296
HP Inc.	LaserJet Pro MFP M130fw	16.66	11.34	11.00	188.924
Canon Group	imageCLASS MF113w	14.90	12.80	10.20	190.720
Pantum	M6500	16.40	12.00	9.60	196.800
Pantum	M6500W	16.40	12.00	9.60	196.800

Vendor	Model Name	Width (in)	Depth (in)	Height (in)	Footprint Area (sq in)
Pantum	M6202NW	12.01	16.42	9.61	197.204
Pantum	M6506	16.42	12.01	11.85	197.204
Pantum	M6550NW	16.42	12.01	11.85	197.204
Kyocera Group	FS-1020MFP	15.35	13.11	12.48	201.239
Brother	DCP-1610W	15.16	13.39	10.04	202.917
Brother	DCP-1608	15.16	13.39	10.04	202.992
Brother	DCP-1618W	15.16	13.39	10.04	202.992
Lenovo	M7206	15.16	13.39	10.04	202.992
Lenovo	M7206w	15.16	13.39	10.04	202.992
Lenovo	M7216	15.16	13.39	10.04	202.992
Brother	DCP-1612W	15.20	13.40	10.00	203.680
Brother	DCP-1617NW	15.20	13.40	11.10	203.680
Toshiba	e-STUDIO 300D	15.60	13.90	9.80	216.840
Canon Group	i-SENSYS MF237w	15.35	14.61	12.28	224.264
Deli	M2500DW	15.60	14.40	10.51	224.640
HP Inc.	Laser MFP 135a	15.98	14.16	9.96	226.277
HP Inc.	Laser MFP 135w	15.98	14.16	9.96	226.277
HP Inc.	Laser MFP 136a	15.98	14.16	9.96	226.277
HP Inc.	Laser MFP 136nw	15.98	14.16	9.96	226.277
HP Inc.	Laser MFP 137fnw	15.98	14.16	12.15	226.277
HP Inc.	Laser MFP 136w	15.98	14.16	9.96	226.338
Canon Group	imageCLASS MF232w	15.40	14.70	12.30	226.380
Canon Group	imageCLASS MF236n	15.40	14.70	14.20	226.380
Canon Group	imageCLASS MF244dw	15.40	14.70	14.20	226.380
HP Inc.	Laser NS MFP 1005c	14.98	15.16	20.51	227.097
HP Inc.	Laser NS MFP 1005w	14.98	15.16	20.51	227.097
Xerox	WorkCentre 3025BI	16.00	14.20	10.10	227.200
Lexmark	MB2236adw	16.40	14.20	13.90	232.880
HP Inc.	LaserJet Pro MFP M126a	16.54	14.37	10.00	237.680
HP Inc.	LaserJet Pro MFP M126nw	16.54	14.37	12.16	237.680
HP Inc.	LaserJet Pro MFP M128fn	16.54	14.37	10.00	237.680
HP Inc.	LaserJet M1005 MFP	17.20	14.29	12.13	245.788
Brother	DCP-7080	16.10	15.69	10.51	252.609
Brother	DCP-7180DN	16.10	15.69	12.46	252.609
Brother	DCP-L2520D (30ppm)	16.10	15.69	10.51	252.609
Lenovo	M7400 Pro	16.10	15.69	10.51	252.609

Vendor	Model Name	Width (in)	Depth (in)	Height (in)	Footprint Area (sq in)
Lenovo	M7605D	16.10	15.69	10.51	252.609
Lenovo	M7615DNA	16.10	15.69	12.46	252.609
Brother	DCP-L2540DW	16.10	15.70	12.50	252.770
Brother	DCP-L2550DW	16.10	15.70	12.50	252.770
Brother	HL-L2390DW	16.10	15.70	10.70	252.770
Brother	MFC-L2710DW	16.10	15.70	12.50	252.770
Brother	MFC-L2750DW	16.10	15.70	12.50	252.770
Brother	DCP-L2510D	16.14	15.69	10.71	253.237
Brother	DCP-L2530DW	16.14	15.69	10.71	253.237
Brother	MFC-L2710DN	16.14	15.69	12.54	253.237
Brother	MFC-L2730DW	16.14	15.69	12.54	253.237
HP Inc.	LaserJet Pro MFP M148dw	15.90	16.00	12.30	254.400
HP Inc.	LaserJet Pro MFP M227sdn	15.87	16.04	12.26	254.555
Kyocera Group	ECOSYS M2235dn	16.42	16.22	17.20	266.332
HP Inc.	LaserJet Pro MFP M132nw	15.70	19.00	15.30	298.300

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