

COMPARISON OF 13-INCH-CLASS LAPTOPS

We compared the Dell™ XPS™ 13 laptop to others in its class from vendors including Acer®, Apple®, ASUS®, Fujitsu®, HP, Huawei®, Lenovo®, LG, Microsoft®, Panasonic®, Sager®, Samsung®, Toshiba®, and VAIO®. The figures below compare the systems using publicly available data. Click a system's name to visit its page on the vendor's website. We gathered this data at the links provided on 04/12/2018, and report only what each vendor disclosed on their website.

According to vendor-provided data, the Dell XPS 13:

- is the smallest 13-inch laptop¹
- has the highest screen-to-body ratio of any 13.3-inch laptop

Brand	Model	Thickness		Dimensions		Total area (sq. inches)	Weight	
		mm	inches	mm	inches		pounds	kg
Dell	XPS 13	7.8 -11.6	0.3-0.46	302 x 199	11.9 x 7.8	92.8	2.67 (non-touch) 2.68 (touch)	1.21 (non-touch) 1.21 (touch)
Acer	Swift 1 (SF113-31-P5CK) (SF113-31-P6XP) (SF113-31-P5C5) (SF113-31-P87M) (SF113-31-P2VH)		0.6	320 x 226	12.6 x 8.9	112.1	2.87	
Acer	Aspire S 13 (S5-371-3164)		0.57-0.6	328 x 287	12.9 x 11.3	145.8	2.87	
Acer	Swift 7 (SF713-51-M51W)		0.39	325 x 229	12.8 x 9	115.2	2.48	

¹ The smallest dimensions among laptops with a screen measuring 13.3 inches.



Brand	Model	Thickness		Dimensions		Total area (sq. inches)	Weight	
		mm	inches	mm	inches		pounds	kg
Apple	MacBook Air (13-inch)	3mm-17mm	0.11-0.68	325 x 227	12.8 x 8.94	114.4	2.96	1.35
Apple	MacBook Pro (13-inch)	14.9	0.59	304 x 212	11.97 x 8.36	100.1	3.02	1.37
ASUS	ZenBook UX303UA	19.2	0.8	323 x 223	12.7 x 8.8	111.8	3.2	
ASUS	ZenBook UX303UB	19.2	0.8	323 x 223	12.7 x 8.8	111.8	3.2	
ASUS	ZenBook UX305UA		0.63	323 x 226	12.7 x 8.89	112.9	2.86	
ASUS	Zenbook UX305FA		0.5	325 x 226	12.8 x 8.9	113.9	2.6	
ASUS	ZenBook UX306UA		0.54	324 x 226	12.76 x 8.89	113.4	2.9	
ASUS	ZenBook UX330UA		0.53	323 x 221	12.7 x 8.7	110.5	2.64	
ASUS	ZenBook UX331UN		0.5	309 x 215	12.2 x 8.5	103.7	2.5	
Fujitsu	LIFEBOOK U938		0.61-0.67	309 x 213	12.18 x 8.4	102.3	2.03	
Fujitsu	LIFEBOOK U937		0.61-0.67	309 x 213	12.18 x 8.4	102.3	2.03	
HP	Envy 13t		0.55	305 x 216	12.02 x 8.49	102.0	3.06	
HP	EliteBook 1030 G1		0.62	310 x 210	12.2 x 8.27	100.9	2.55	
HP	EliteBook 830 G5		0.7	310 x 229	12.22 x 9.03	110.3	2.94 (non-touch) 3.32 (touch)	

Brand	Model	Thickness		Dimensions		Total area (sq. inches)	Weight	
		mm	inches	mm	inches		pounds	kg
HP	Spectre - 13 (af051nr)		0.41	312 x 224	12.13 x 8.83	107.1	2.45	
HP	Spectre - 13t		0.41	325 x 229	12.8 x 9.03	115.6	2.45	
HP	ProBook 430 G5		0.78	326 x 234	12.83 x 9.21	118.2	3.28	
Huawei	MateBook X		0.49	286 x 211	11.26 x 8.31	93.6	2.31	
Huawei	MateBook X Pro		0.57	304 x 217	11.96 x 8.54	102.1	2.93	
Lenovo	ThinkPad 13 2nd Gen		0.77	322 x 223	12.69 x 8.77	111.3	3.17	
Lenovo	ThinkPad L380		0.74	321 x 224	12.67 x 8.82	111.7	3.22	
Lenovo	Ideapad 720S		0.5	305.9 x 213.8	12 x 8.4	100.8	2.2	
Lenovo	Ideapad 720S AMD		0.5	305.9 x 213.8	12 x 8.4	100.8	2.5	
Lenovo	Ideapad 710S Plus Touch		0.58	309 x 220	12.16 x 8.66	105.3	2.6	
Lenovo	Ideapad 710S Plus		0.58	309 x 220	12.16 x 8.66	105.3	2.6	
LG	gram (13Z980-A.AAS7U1)		0.6	304 x 211	12 x 8.3	99.6	3.6	
LG	gram (13Z975-A.AAS7U1)		0.6	307 x 211	12.1 x 8.3	100.4	2.07	
LG	gram (13Z980-A.AAS5U1)		0.6	304 x 211	12 x 8.3	99.6	3.6	

Brand	Model	Thinness		Dimensions		Total area (sq. inches)	Weight	
		mm	inches	mm	inches		pounds	kg
LG	gram (13Z980-U.AAW5U1)		0.6	304 x 211	12 x 8.3	99.6	3.6	
LG	gram (13Z970-A.AAS5U1) (13Z970-U.AAW5U1)		0.6	307 x 211	12.1 x 8.3	100.4	2.07	
Microsoft	Surface Laptop		0.57	308 x 223	12.13 x 8.79	106.6	2.76	
Panasonic	Toughbook 31		2.9	292 x 302	11.5 x 11.9	136.9	7.9	
Sager	NP3132 Notebook		0.7	330 x 225	12.98 x 8.86	115.0	2.87	
Samsung	Notebook 9 Pro (NP940X3M-K01US) (NP940X3M-K03US)		0.63	310 x 217	12.21 x 8.54	104.3	2.9	
Samsung	Notebook 9 (NP900X3L-K06US)		0.53	314 x 218	12.35 x 8.6	106.2	2.8	
Samsung	Notebook 9 (NP900X3N-K01US) (NP900X3N-K04US)		0.55	309 x 208	12.18 x 8.19	99.8	1.8	
Sony	VAIO S (VJZ131X0111S)		0.59-0.66	322 x 217	12.76 x 8.48	108.2	2.58	

Brand	Model	Thickness		Dimensions		Total area (sq. inches)	Weight	
		mm	inches	mm	inches		pounds	kg
Sony	VAIO S (VJS132X0611S) (VJS132X0511S) (VJS132X0411S) (VJS132X0311S)		0.59-0.70	320 x 216	12.61 x 8.53	107.6	2.34	
Toshiba	Portege X30		0.6	315 x 226	12.4 x 8.9	110.4	2.31	
Toshiba	Portege A30		0.84	315 x 229	12.4 x 9	111.6	3.44	
Toshiba	Portege Z30		0.55-0.70	315 x 226	12.4 x 8.9	110.4	2.65	

Figure 1: Dimensional information. All links and data current as of 04/12/2018.

Brand	Model	Panel active area (sq. mm)	System active area (sq. mm)	Screen-to-body ratio	Aspect ratio
Dell	XPS 13	48,764	60,098	81.1%	16:9
Acer	Swift 1 (SF113-31-P5CK) (SF113-31-P6XP) (SF113-31-P5C5) (SF113-31-P87M) (SF113-31-P2VH)	48,764	72,320	67.4%	16:9
Acer	Aspire S 13 (S5-371-3164)	48,764	94,136	51.8%	16:9
Acer	Swift 7 (SF713-51-M51W)	48,764	74,425	65.5%	16:9
Apple	MacBook Air (13-inch)	51,291	73,775	69.5%	16:10
Apple	MacBook Pro (13-inch)	51,291	64,448	79.6%	16:10
ASUS	ZenBook UX303UA	48,764	72,029	67.7%	16:9
ASUS	ZenBook UX303UB	48,764	72,029	67.7%	16:9
ASUS	ZenBook UX305UA	48,764	72,998	66.8%	16:9
ASUS	Zenbook UX305FA	48,764	73,450	66.4%	16:9
ASUS	ZenBook UX306UA	48,764	73,224	66.6%	16:9

Brand	Model	Panel active area (sq. mm)	System active area (sq. mm)	Screen-to-body ratio	Aspect ratio
ASUS	ZenBook UX330UA	48,764	71,383	68.3%	16:9
ASUS	ZenBook UX331UN	48,764	66,435	73.4%	16:9
Fujitsu	LIFEBOOK U938	48,764	65,817	74.1%	16:9
Fujitsu	LIFEBOOK U937	48,764	65,817	74.1%	16:9
HP	Envy 13t	48,764	65,880	74.0%	16:9
HP	EliteBook 1030 G1	48,764	65,100	74.9%	16:9
HP	EliteBook 830 G5	48,764	70,990	68.7%	16:9
HP	Spectre - 13 (af051nr)	48,764	69,888	69.8%	16:9
HP	Spectre - 13t	48,764	74,425	65.5%	16:9
HP	ProBook 430 G5	48,764	76,284	63.9%	16:9
Huawei	MateBook X	50,322	60,346	83.4%	3:2
Huawei	MateBook X Pro	57,531	65,968	87.2%	3:2
Lenovo	ThinkPad 13 2nd Gen	48,764	71,806	67.9%	16:9
Lenovo	ThinkPad L380	48,764	71,904	67.8%	16:9
Lenovo	Ideapad 720S	48,764	65,401	74.6%	16:9
Lenovo	Ideapad 720S AMD	48,764	65,401	74.6%	16:9

Brand	Model	Panel active area (sq. mm)	System active area (sq. mm)	Screen-to-body ratio	Aspect ratio
Lenovo	Ideapad 710S Plus Touch	48,764	67,980	71.7%	16:9
Lenovo	Ideapad 710S Plus	48,764	67,980	71.7%	16:9
LG	gram (13Z980-A.AAS7U1)	48,764	64,144	76.0%	16:9
LG	gram (13Z975-A.AAS7U1)	48,764	64,777	75.3%	16:9
LG	gram (13Z980-A.AAS5U1)	48,764	64,144	76.0%	16:9
LG	gram (13Z980-U.AAW5U1)	48,764	64,144	76.0%	16:9
LG	gram (13Z970-A.AAS5U1) (13Z970-U.AAW5U1)	48,764	64,777	75.3%	16:9
Microsoft	Surface Laptop	54,268	68,684	79.0%	3:2
Panasonic	Toughbook 31	53,144	88,184	60.3%	4:3
Sager	NP3132 Notebook	48,764	74,250	65.7%	16:9
Samsung	Notebook 9 Pro (NP940X3M-K01US) (NP940X3M-K03US)	48,764	67,270	72.5%	16:9

Brand	Model	Panel active area (sq. mm)	System active area (sq. mm)	Screen-to-body ratio	Aspect ratio
Samsung	Notebook 9 (NP900X3L-K06US)	48,764	68,452	71.2%	16:9
Samsung	Notebook 9 (NP900X3N-K01US) (NP900X3N-K04US)	48,764	64,272	75.9%	16:9
Sony	VAIO S (VJZ131X0111S)	48,764	69,874	69.8%	16:9
Sony	VAIO S (VJS132X0611S) (VJS132X0511S) (VJS132X0411S) (VJS132X0311S)	48,764	69,120	70.6%	16:9
Toshiba	Portege X30	48,764	71,190	68.5%	16:9
Toshiba	Portege A30	48,764	72,135	67.6%	16:9
Toshiba	Portege Z30	48,764	71,190	68.5%	16:9

Figure 3: Screen information. All links and data current as of 04/12/2018.

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