

COMPARISON OF 17-INCH-CLASS LAPTOPS

We compared the Dell XPS 17 laptop to others in its class from vendors including Acer®, Aorus, Apple®, ASUS®, Chuwi, Dynabook, Fujitsu®, HP, Huawei, Lenovo®, LG, Microsoft, Razer, Sager, and Samsung®. 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 08/25/2020, and report only what each vendor disclosed on their website.

According to vendor-provided data, the Dell XPS 17 is the smallest 17-inch laptop, has the highest screen-to-body ratio of any 17-inch laptop at 93.7 percent, and has a total area smaller than 36 percent of 15-inch laptops.

Brand	Model	Dimensions (in)	Total area (in ²)
Dell			
Dell	XPS 17 (9700)	14.74 x 9.76	143.9
ACER			
Acer	Nitro 5 (AN517-52-52T3)	15.9 x 11	174.9
Acer	Nitro 5 (AN517-51-784H)	15.9 x 11	174.9
Acer	Nitro 5 (AN517-51-76V6)	15.9 x 11	174.9
Acer	ConceptD 5 (CN517-71-75ZU)	15.9 x 11	174.9



Acer	ConceptD 5 (CN517-71-70R8)	15.9 x 11	174.9
Acer	ConceptD 5 Pro (CN517-71P-72DN)	15.9 x 11	174.9
Acer	Predator Helios 700 (PH717-71-75RX)	16.9 x 11.8	199.4
Acer	Predator Helios 500 (PH517-51-79E8)	16.9 x 11.7	197.7
Acer	Predator Helios 300 (PH317-51-787B)	17 x 11.4	193.8
Acer	Predator Helios 300 (PH317-51-70KH)	17 x 11.4	193.8
Acer	Predator Helios 300 (PH317-51-7578)	17 x 11.4	193.8
Acer	Predator Helios 300 (PH317-52-77A4)	17 x 11.4	193.8
Acer	Predator Helios 300 (PH317-52-78ZL)	17 x 11.4	193.8
Acer	Predator Helios 300 (PH317-52-74KR)	17 x 11.4	193.8
Acer	Predator Helios 300 (PH317-53-77X3)	15.9 x 11	174.9
Acer	Predator Helios 300 (PH317-53-71D6)	15.9 x 11	174.9
Acer	Predator Helios 300 (PH317-53-7777)	15.9 x 11	174.9
Acer	Predator Helios 300 (PH317-53-77HB)	15.9 x 11	174.9
Acer	Predator Helios 300 (PH317-53-79KB)	15.9 x 11	174.9
Acer	Predator Helios 300 (PH317-52-716C)	17 x 11.4	193.8
Acer	Predator Helios 300 (PH317-53-77YL)	15.9 x 11	174.9
Acer	Predator Helios 300 (PH317-54-77TH)	15.9 x 11	174.9
Acer	Predator Helios 300 (PH317-54-75K8)	15.9 x 11	174.9
ASUS			
ASUS	TUF Gaming A17	15.7 x 10.6	166.4
ASUS	TUF Gaming FX705DD	15.74 x 11	173.1
ASUS	TUF Gaming FX705DT	15.74 x 11	173.1

ASUS	TUF Gaming FX705DU	15.74 x 11	173.1
ASUS	TUF Gaming FX705DY	15.7 x 11	172.7
ASUS	VivoBook 17 M712DA	16.02 x 10.1	161.8
ASUS	VivoBook Pro 17 N705FD	16.2 x 10.6	171.7
ASUS	VivoBook Pro 17 N705FN	16.2 x 10.6	171.7
ASUS	VivoBook 17 F705MA	16.2 x 10.6	171.7
ASUS	VivoBook 17 F705QA	16.2 x 10.6	171.7
ASUS	ProArt StudioBook 17 H700GV	15.03 x 11.25	169.1
ASUS	ProArt StudioBook Pro 17 W700G3T	15.03 x 11.25	169.1
ASUS	ProArt StudioBook Pro X W730G5T	15.03 x 10.43	156.8
ASUS	ROG G703	16.73 x 12.56	210.1
ASUS	ROG Strix GL703	16.3 x 11	179.3
ASUS	ROG Strix SCAR III (G731GU)	15.7 x 11.53	181.0
ASUS	ROG Strix SCAR III (G731GV)	15.7 x 11.53	181.0
ASUS	ROG Strix SCAR III (G731GW)	15.7 x 11.53	181.0
ASUS	ROG ZEPHYRUS S17 (GX701GVR)	15.7 x 10.7	168.0
ASUS	ROG ZEPHYRUS S17 (GX701GWR)	15.7 x 10.7	168.0
ASUS	ROG ZEPHYRUS S17 (GX701GXR)	15.7 x 10.7	168.0
Gigabyte			
Gigabyte	Aorus 17G (Intel 10th Gen)	15.9 x 10.8	171.7
Gigabyte	Aorus 17X (Intel 10th Gen)	15.59 x 11.53	179.8
Gigabyte	Aorus 17 (Intel 9th Gen)	15.59 x 11.53	179.8
Gigabyte	Aorus 7 (Intel 9th Gen)	15.7 x 11.1	174.3

Gigabyte	Aorus 7 (Intel 10th Gen)	15.55 x 10.23	159.1
Gigabyte	AERO 17 HDR (Intel 10th Gen)	15.6 x 10.6	165.4
Gigabyte	AERO 17 (Intel 10th Gen)	15.6 x 10.6	165.4
Gigabyte	AERO 17 HDR (Intel 9th Gen)	15.6 x 10.6	165.4
Gigabyte	AERO 17 (Intel 9th Gen)	15.6 x 10.6	165.4
HP			
HP	HP Laptop 17t touch	16.33 x 10.72	175.1
HP	HP Laptop 17z touch	16.33 x 10.72	175.1
HP	HP Pavilion Gaming Laptop 17t	15.94 x 11.1	176.9
HP	HP Pavilion Gaming 17-cd0095nr	15.34 x 11.1	170.3
HP	HP Zbook 17 G6 Mobile Workstation	16.4 x 11.3	185.3
HP	OMEN Laptop 17t	15.94 x 11.01	175.5
HP	OMEN by HP 17-an188nr	16.65 x 11.97	199.3
HP	OMEN by HP 17-cb0092nr	15.94 x 11.22	178.8
HP	HP Envy Laptop 17t touch	15.94 x 10.47	166.9
Lenovo			
Lenovo	IdeaPad L340 (Intel)	16.3 x 11.2	182.6
Lenovo	Legion Y740	16.2 x 12	194.4
Lenovo	Legion Y540	15.74 x 11.42	179.8
Lenovo	Legion 5i	15.84 x 11.41	180.7
Lenovo	ThinkPad P73 Mobile Workstation	16.4 x 11.1	182.0
LG			

LG	LG gram 17" 17Z90N-R.AAS9U1	15 x 10.3	154.5
LG	LG gram 17" 17U70N-R.AAS8U1	15 x 10.8	162.0
LG	LG gram 17" 17U70N-R.AAS7U1	15 x 10.8	162.0
LG	LG gram 17" 17Z90N-R.AAS9U1Z	15 x 10.3	154.5
LG	LG gram 17" 17Z90N-R.AAC8U1	15 x 10.3	154.5
LG	LG gram 17" 17Z990-R.AAS8U1	15 x 10.5	157.5
LG	LG gram 17" 17Z990-RAAS9U1	15 x 10.5	157.5
LG	LG gram 17" 17Z990-RAAC9U1	15 x 10.5	157.5
LG	LG gram 17" 17Z990-R.AAS7U1	15 x 10.5	157.5
Razer			
Razer	Razer Blade Pro 17	15.55 x 10.24	159.2
Sager			
Sager	NP9670M-G3	15.71 x 12.56	197.3
Sager	NP9670M-G2	15.71 x 12.56	197.3
Sager	NP9670M-G1	15.71 x 12.56	197.3
Sager	NP8770N2	15.6 x 10.43	162.7
Sager	NP8378F2	15.71 x 10.83	170.1
Sager	NP8770F1	15.6 x 10.43	162.7
Sager	NP8770D2	15.6 x 10.43	162.7
Sager	NP6877CQ	15.59 x 10.32	160.9
Sager	NP6877BQ	15.59 x 10.32	160.9

Figure 1: Size comparison of 17-inch laptops. All links and data current as of 08/25/2020.

Brand	Model	Screen size	Screen/body ratio
Dell			
Dell	XPS 17 (9700)	17.3	93.7%
ACER			
Acer	Nitro 5 (AN517-52-52T3)	17.3	Not reported
Acer	Nitro 5 (AN517-51-784H)	17.3	NR
Acer	Nitro 5 (AN517-51-76V6)	17.3	NR
Acer	ConceptD 5 (CN517-71-75ZU)	17.3	NR
Acer	ConceptD 5 (CN517-71-70R8)	17.3	NR
Acer	ConceptD 5 Pro (CN517-71P-72DN)	17.3	NR
Acer	Predator Helios 700 (PH717-71-75RX)	17.3	NR
Acer	Predator Helios 500 (PH517-51-79E8)	17.3	NR
Acer	Predator Helios 300 (PH317-51-787B)	17.3	NR
Acer	Predator Helios 300 (PH317-51-70KH)	17.3	NR
Acer	Predator Helios 300 (PH317-51-7578)	17.3	NR
Acer	Predator Helios 300 (PH317-52-77A4)	17.3	NR
Acer	Predator Helios 300 (PH317-52-78ZL)	17.3	NR
Acer	Predator Helios 300 (PH317-52-74KR)	17.3	NR
Acer	Predator Helios 300 (PH317-53-77X3)	17.3	NR
Acer	Predator Helios 300 (PH317-53-71D6)	17.3	NR
Acer	Predator Helios 300 (PH317-53-7777)	17.3	NR
Acer	Predator Helios 300 (PH317-53-77HB)	17.3	NR

Brand	Model	Screen size	Screen/body ratio
Acer	Predator Helios 300 (PH317-53-79KB)	17.3	NR
Acer	Predator Helios 300 (PH317-52-716C)	17.3	NR
Acer	Predator Helios 300 (PH317-53-77YL)	17.3	NR
Acer	Predator Helios 300 (PH317-54-77TH)	17.3	NR
Acer	Predator Helios 300 (PH317-54-75K8)	17.3	NR
ASUS			
ASUS	TUF Gaming A17	17.3	NR
ASUS	TUF Gaming FX705DD	17.3	NR
ASUS	TUF Gaming FX705DT	17.3	NR
ASUS	TUF Gaming FX705DU	17.3	NR
ASUS	TUF Gaming FX705DY	17.3	NR
ASUS	VivoBook 17 M712DA	17.0	85.0%
ASUS	VivoBook Pro 17 N705FD	17.3	NR
ASUS	VivoBook Pro 17 N705FN	17.3	NR
ASUS	VivoBook 17 F705MA	17.3	NR
ASUS	VivoBook 17 F705QA	17.3	NR
ASUS	ProArt StudioBook 17 H700GV	17.0	84.0%
ASUS	ProArt StudioBook Pro 17 W700G3T	17.0	84.0%
ASUS	ProArt StudioBook Pro X W730G5T	17.0	92.0%
ASUS	ROG G703	17.3	NR
ASUS	ROG Strix GL703	17.3	NR

Brand	Model	Screen size	Screen/body ratio
ASUS	ROG Strix SCAR III (G731GU)	17.3	81.5%
ASUS	ROG Strix SCAR III (G731GV)	17.3	81.5%
ASUS	ROG Strix SCAR III (G731GW)	17.3	81.5%
ASUS	ROG ZEPHYRUS S17 (GX701GVR)	17.3	81.0%
ASUS	ROG ZEPHYRUS S17 (GX701GWR)	17.3	81.0%
ASUS	ROG ZEPHYRUS S17 (GX701GXR)	17.3	81.0%
Gigabyte			
Gigabyte	Aorus 17G (Intel 10th Gen)	17.3	NR
Gigabyte	Aorus 17X (Intel 10th Gen)	17.3	NR
Gigabyte	Aorus 17 (Intel 9th Gen)	17.3	NR
Gigabyte	Aorus 7 (Intel 9th Gen)	17.3	NR
Gigabyte	Aorus 7 (Intel 10th Gen)	17.3	NR
Gigabyte	AERO 17 HDR (Intel 10th Gen)	17.3	NR
Gigabyte	AERO 17 (Intel 10th Gen)	17.3	NR
Gigabyte	AERO 17 HDR (Intel 9th Gen)	17.3	NR
Gigabyte	AERO 17 (Intel 9th Gen)	17.3	NR
HP			
HP	HP 470 G7 Notebook PC	17.3	NR
HP	HP ENVY Laptop - 17t-cg000	17.3	NR
HP	HP Laptop - 17t-by300	17.3	NR
HP	HP Laptop 17z	17.3	NR

Brand	Model	Screen size	Screen/body ratio
HP	HP Pavilion Gaming - 17	17.3	NR
HP	HP Pavilion Gaming Laptop 17t	17.3	NR
HP	HP Zbook 17 G6 Mobile Workstation	17.3	NR
HP	OMEN Laptop - 17	17.3	NR
HP	OMEN Laptop 17t	17.3	NR
Lenovo			
Lenovo	IdeaPad L340 (Intel)	17.3	NR
Lenovo	Legion Y740	17.3	NR
Lenovo	Legion Y540	17.3	NR
Lenovo	Legion 5i	17.3	NR
Lenovo	ThinkPad P73 Mobile Workstation	17.3	NR
LG			
LG	LG gram 17" 17Z90N-R.AAS9U1	17.0	NR
LG	LG gram 17" 17U70N-R.AAS8U1	17.0	NR
LG	LG gram 17" 17U70N-R.AAS7U1	17.0	NR
LG	LG gram 17" 17Z90N-R.AAS9U1Z	17.0	NR
LG	LG gram 17" 17Z90N-R.AAC8U1	17.0	NR
LG	LG gram 17" 17Z990-R.AAS8U1	17.0	NR
LG	LG gram 17" 17Z990-RAAS9U1	17.0	NR
LG	LG gram 17" 17Z990-RAAC9U1	17.0	NR
LG	LG gram 17" 17Z990-R.AAS7U1	17.0	NR

Brand	Model	Screen size	Screen/body ratio
Razer			
Razer	Razer Blade Pro 17	17.3	NR
Sager			
Sager	NP9670M-G3	17.3	NR
Sager	NP9670M-G2	17.3	NR
Sager	NP9670M-G1	17.3	NR
Sager	NP8770N2	17.3	NR
Sager	NP8378F2	17.3	NR
Sager	NP8770F1	17.3	NR
Sager	NP8770D2	17.3	NR
Sager	NP6877CQ	17.3	NR

Figure 2. Screen/body ratio comparison. All links and data current as of 08/25/2020.

Brand	Model	Width	Depth	Total area (in ²)
Dell				
Dell	XPS 17 (9700)	14.74	9.76	143.9
Dell	XPS 15 (9500)	13.57	9.06	122.9

Brand	Model	Width	Depth	Total area (in ²)
Acer				
Acer	Aspire 1 (A115-31-C23T)	14.3	9.9	141.6
Acer	Aspire 1 (A115-31-C2Y3)	14.3	9.9	141.6
Acer	Aspire 3 (A315-21-95KF)	15	10.2	153.0
Acer	Aspire 3 (A315-51-31RD)	15	10.2	153.0
Acer	Aspire 3 (A315-32-C0S5)	15	10.2	153.0
Acer	Aspire 3 (A315-32-C3KK)	15	10.2	153.0
Acer	Aspire 3 (A315-53-578V)	15	10.3	154.5
Acer	Aspire 3 (A315-53-59PF)	15	10.3	154.5
Acer	Aspire 3 (A315-53-35ZY)	15	10.3	154.5
Acer	Aspire 3 (A315-53-32TF)	15	10.3	154.5
Acer	Aspire 3 (A315-21-90LC)	15	10.2	153.0
Acer	Aspire 3 (A315-54-530D)	14.3	9.7	138.7

Brand	Model	Width	Depth	Total area (in ²)
Acer	Aspire 3 (A315-21G-27XB)	15	10.2	153.0
Acer	Aspire 3 (A315-56-59DU)	14.3	9.7	138.7
Acer	Aspire 3 (A315-56-533A)	14.3	9.7	138.7
Acer	Aspire 3 (A315-56-38MZ)	14.3	9.7	138.7
Acer	Aspire 3 (A315-56-58CY)	14.3	9.7	138.7
Acer	Aspire 3 (A315-23-R4PF)	14.3	9.9	141.6
Acer	Aspire 3 (A315-23-R252)	14.3	9.9	141.6
Acer	Aspire 3 (A315-55G-59LS)	14.3	9.9	141.6
Acer	Aspire 3 (A315-23-A8GY)	14.3	9.9	141.6
Acer	Aspire 5 (A515-54G-70TZ)	14.3	9.9	141.6
Acer	Aspire 5 (A515-54G-54QQ)	14.3	9.9	141.6
Acer	Aspire 5 (A515-54-55ZD)	14.3	9.9	141.6
Acer	Aspire 5 (A515-54-79J5)	14.3	9.9	141.6

Brand	Model	Width	Depth	Total area (in ²)
Acer	Aspire 5 (A515-54-597W)	14.3	9.9	141.6
Acer	Aspire 5 (A515-43-R4Z2)	14.3	9.7	138.7
Acer	Aspire 5 (A515-54-75VH)	14.3	9.9	141.6
Acer	Aspire 5 (A515-52-368R)	14.3	9.7	138.7
Acer	Aspire 5 (A515-54G-797L)	14.3	9.9	141.6
Acer	Aspire 5 (A515-54-5649)	14.3	9.9	141.6
Acer	Aspire 5 (A515-54-59W2)	14.3	9.9	141.6
Acer	Aspire 5 (A515-54-76TA)	14.3	9.9	141.6
Acer	Aspire 5 (A515-55-588C)	14.3	9.9	141.6
Acer	Aspire 5 (A515-54-55AA)	14.3	9.9	141.6
Acer	Aspire 5 (A515-44-R2HP)	14.3	9.9	141.6
Acer	Aspire 5 (A515-44-R4M5)	14.3	9.9	141.6
Acer	Aspire 5 (A515-55-378V)	14.3	9.9	141.6

Brand	Model	Width	Depth	Total area (in ²)
Acer	Aspire 7 (A715-41G-R7X4)	13.5	10	135.0
Acer	Aspire 7 (A715-75G-544V)	14.3	10	143.0
Acer	Nitro 5 (AN515-53-70AQ)	15.4	10.5	161.7
Acer	Nitro 5 (AN515-42-R5ED)	15.4	10.5	161.7
Acer	Nitro 5 (AN515-54-51M5)	14.3	10	143.0
Acer	Nitro 5 (AN515-43-R1QT)	14.3	10	143.0
Acer	Nitro 5 (AN515-55-52KW)	14.3	10	143.0
Acer	Nitro 5 (AN515-54-5812)	14.3	10	143.0
Acer	Nitro 5 (AN515-54-5659)	14.3	10	143.0
Acer	Nitro 5 (AN515-54-70KK)	14.3	10	143.0
Acer	Nitro 5 (AN515-54-728C)	14.3	10	143.0
Acer	Nitro 5 (AN515-55-54Q0)	14.3	10	143.0
Acer	Nitro 5 (AN515-54-599H)	14.3	10	143.0

Brand	Model	Width	Depth	Total area (in ²)
Acer	Nitro 5 (AN515-44-R078)	14.3	10	143.0
Acer	Nitro 5 (AN515-54-547D)	14.3	10	143.0
Acer	Nitro 5 (AN515-43-R34S)	14.3	10	143.0
Acer	Nitro 5 (AN515-54-56ML)	14.3	10	143.0
Acer	Predator Helios 300 (G3-571-77QK)	15.4	10.5	161.7
Acer	Predator Helios 300 (G3-572-72YF)	15.4	10.5	161.7
Acer	Predator Helios 300 (G3-572-78JY)	15.4	10.5	161.7
Acer	Predator Helios 300 (G3-572-7742)	15.4	10.5	161.7
Acer	Predator Helios 300 (G3-572-7526)	15.4	10.5	161.7
Acer	Predator Helios 300 (G3-571-73H3)	15.4	10.5	161.7
Acer	Predator Helios 300 (G3-571-77KB)	15.4	10.5	161.7
Acer	Predator Helios 300 (PH315-51-78NP)	15.4	10.5	161.7
Acer	Predator Helios 300 (PH315-51-56KX)	15.4	10.5	161.7

Brand	Model	Width	Depth	Total area (in ²)
Acer	Predator Helios 300 (PH315-51-74V4)	15.4	10.5	161.7
Acer	Predator Helios 300 (PH315-51-785A)	15.4	10.5	161.7
Acer	Predator Helios 300 (PH315-51-71FS)	15.4	10.5	161.7
Acer	Predator Helios 300 (PH315-52-78VL)	14.2	10	142.0
Acer	Predator Helios 300 (PH315-52-72RG)	14.2	10	142.0
Acer	Predator Helios 300 (PH315-52-72EV)	14.2	10	142.0
Acer	Predator Helios 300 (PH315-52-71RT)	14.2	10	142.0
Acer	Predator Helios 300 (PH315-52-588F)	14.2	10	142.0
Acer	Predator Helios 300 (PH315-52-710B)	14.2	10	142.0
Acer	Predator Helios 300 (PH315-52-75DE)	14.2	10	142.0
Acer	Predator Helios 300 (PH315-53-72XD)	14.3	10	143.0
Acer	Predator Helios 300 (PH315-53-781R)	14.3	10	143.0
Acer	Predator Helios 300 (PH315-53-7426)	14.3	10	143.0

Brand	Model	Width	Depth	Total area (in ²)
Acer	Predator Triton 500 (PT515-51-75BH)	14.1	10	141.0
Acer	Predator Triton 500 (PT515-51-7848)	14.1	10	141.0
Acer	Predator Triton 500 (PT515-51-73EG)	14.1	10	141.0
Acer	Predator Triton 500 (PT515-51-75Q2)	14.1	10	141.0
Acer	Predator Triton 500 (PT515-51-73Z5)	14.1	10	141.0
Acer	Predator Triton 500 (PT515-52-71K5)	14.1	10	141.0
Acer	Predator Triton 500 (PT515-52-77P9)	14.1	10	141.0
Acer	Swift 5 (SF515-51T-507P)	14.1	9.1	128.3
Acer	Swift 5 (SF515-51T-53AY)	14.1	9.1	128.3
Acer	TravelMate P2 (TMP2510-G2-M-317P)	14.9	10	149.0
Acer	TravelMate P2 (TMP215-51-51RB)	14.4	10.1	145.4
Acer	TravelMate P2 (TMP215-51-56BF)	14.37	10.08	144.8
Acer	TravelMate P2 (TMP2510-G2-M-898T)	14.9	10	149.0

Brand	Model	Width	Depth	Total area (in ²)
Acer	TravelMate P2 (TMP215-52-547H)	14.3	10	143.0
Acer	TravelMate P2 (TMP215-52-7299)	14.3	10	143.0
Acer	TravelMate P2 (TMP215-52-574C)	14.3	10	143.0
Acer	ConceptD 7 (CN715-71-70LR)	14.1	10	141.0
Acer	ConceptD 7 (CN715-71-73A9)	14.1	10	141.0
Acer	ConceptD 7 (CN715-71-77QK)	14.1	10	141.0
Acer	ConceptD 7 (CN715-71-71TE)	14.1	10	141.0
Acer	ConceptD 7 Pro (CN715-71P-770L)	14.1	10	141.0
Acer	ConceptD 7 Pro (CN715-71P-727W)	14.1	10	141.0
Acer	ConceptD 5 (CN515-51-72FX)	14.2	9.5	134.9
Acer	ConceptD 5 (CN515-71-712T)	14.3	10	143.0
Acer	ConceptD 5 Pro (CN515-71P-71B6)	14.3	10	143.0
Acer	ConceptD 5 Pro (CN515-71P-75XP)	14.3	10	143.0

Brand	Model	Width	Depth	Total area (in ²)
GIGABYTE				
GIGABYTE	Aorus 15-W9	14.21	9.68	137.6
GIGABYTE	Aorus 15-X9	14.21	9.68	137.6
GIGABYTE	Aorus 15-XA	14.21	9.68	137.6
GIGABYTE	Aorus 15-WA	14.21	9.68	137.6
GIGABYTE	Aorus 15-SA	14.21	9.68	137.6
GIGABYTE	Aorus 5-GA	14.13	9.69	136.9
GIGABYTE	Aorus 5-NA	14.13	9.69	136.9
GIGABYTE	Aorus 5 KB	14.21	10.15	144.2
GIGABYTE	Aorus 5 SB	14.21	10.15	144.2
GIGABYTE	Aorus 5 MB	14.21	10.15	144.2
GIGABYTE	Aorus 15G YB	14	9.84	137.8
GIGABYTE	Aorus 15G XB	14	9.84	137.8
GIGABYTE	Aorus 15G WB	14	9.84	137.8
GIGABYTE	Aorus 15G KB	14	9.84	137.8
GIGABYTE	Aorus 15G SB	14	9.84	137.8
GIGABYTE	AERO 15S OLED YB	14	9.8	137.2
GIGABYTE	AERO 15S OLED XB	14	9.8	137.2
GIGABYTE	AERO 15S OLED WB	14	9.8	137.2
GIGABYTE	AERO 15S OLED KB	14	9.8	137.2
GIGABYTE	AERO 15S OLED SB	14	9.8	137.2

Brand	Model	Width	Depth	Total area (in ²)
GIGABYTE	AERO 15 OLED YB	14	9.8	137.2
GIGABYTE	AERO 15 OLED XB	14	9.8	137.2
GIGABYTE	AERO 15 OLED WB	14	9.8	137.2
GIGABYTE	AERO 15 OLED KB	14	9.8	137.2
GIGABYTE	AERO 15 OLED SB	14	9.8	137.2
GIGABYTE	AERO 15S YB	14	9.8	137.2
GIGABYTE	AERO 15S XB	14	9.8	137.2
GIGABYTE	AERO 15S WB	14	9.8	137.2
GIGABYTE	AERO 15S KB	14	9.8	137.2
GIGABYTE	AERO 15S SB	14	9.8	137.2
GIGABYTE	AERO 15 YB	14	9.8	137.2
GIGABYTE	AERO 15 XB	14	9.8	137.2
GIGABYTE	AERO 15 WB	14	9.8	137.2
GIGABYTE	AERO 15 KB	14	9.8	137.2
GIGABYTE	AERO 15 SB	14	9.8	137.2
GIGABYTE	AERO 15 OLED YA	14	9.8	137.2
GIGABYTE	AERO 15 OLED XA	14	9.8	137.2
GIGABYTE	AERO 15 OLED WA	14	9.8	137.2
GIGABYTE	AERO 15 OLED SA	14	9.8	137.2
GIGABYTE	AERO 15 OLED NA	14	9.8	137.2
GIGABYTE	AERO 15S OLED YA	14	9.8	137.2
GIGABYTE	AERO 15S OLED XA	14	9.8	137.2

Brand	Model	Width	Depth	Total area (in ²)
GIGABYTE	AERO 15S OLED WA	14	9.8	137.2
GIGABYTE	AERO 15S OLED SA	14	9.8	137.2
GIGABYTE	AERO 15S OLED NA	14	9.8	137.2
GIGABYTE	AERO 15 XA	14	9.8	137.2
GIGABYTE	AERO 15 SA	14	9.8	137.2
GIGABYTE	AERO 15S XA	14	9.8	137.2
GIGABYTE	AERO 15S WA	14	9.8	137.2
GIGABYTE	AERO 15S SA	14	9.8	137.2
GIGABYTE	AERO 15 Classic-YA	14	9.8	137.2
GIGABYTE	AERO 15 Classic-XA	14	9.8	137.2
GIGABYTE	AERO 15 Classic-WA	14	9.8	137.2
GIGABYTE	AERO 15 Classic-SA	14	9.8	137.2
GIGABYTE	AERO 15-Y9	14	9.8	137.2
GIGABYTE	AERO 15-X9	14	9.8	137.2
GIGABYTE	AERO 15-W9	14	9.8	137.2
GIGABYTE	AERO 15-X8	14	9.8	137.2
GIGABYTE	AERO 15-W8	14	9.8	137.2
ASUS				
ASUS	ZenBook Pro 15 UX550GD	14.37	9.88	142.0
ASUS	ZenBook Pro 15 UX550GE	14.37	9.88	142.0
ASUS	ZenBook Pro 15 UX580GD	14.37	9.49	136.4

Brand	Model	Width	Depth	Total area (in ²)
ASUS	ZenBook Pro 15 UX580GE	14.37	9.49	136.4
ASUS	ZenBook Pro UX550VD	14.37	9.88	142.0
ASUS	ZenBook Pro UX550VE	14.37	9.88	142.0
ASUS	ZenBook UX510UX	15.03	10.03	150.8
ASUS	ZenBook UX530UX	14.17	9.69	137.3
ASUS	ZenBook Pro Duo UX581GV	14.13	9.68	136.8
ASUS	ZenBook Pro Duo UX581LV	14.13	9.68	136.8
ASUS	VivoBook 15 K513FA	14.13	9.25	130.7
ASUS	VivoBook 15 K513FF	14.13	9.25	130.7
ASUS	VivoBook 15 K513FP	14.13	9.25	130.7
ASUS	VivoBook 15 M513IA	14.2	9.3	132.1
ASUS	VivoBook 15 X505BA	14.2	9.6	136.3
ASUS	VivoBook 15 X505BP	14.2	9.6	136.3
ASUS	VivoBook 15 X505ZA	14.2	9.6	136.3
ASUS	VivoBook 15 X510QA	14.2	9.6	136.3
ASUS	VivoBook 15 X510QR	14.2	9.6	136.3
ASUS	VivoBook 15 X510UA	14.2	9.6	136.3
ASUS	VivoBook 15 X510UF	14.22	9.58	136.2
ASUS	VivoBook 15 X510UN	14.2	9.6	136.3
ASUS	VivoBook 15 X510UQ	14.2	9.6	136.3
ASUS	VivoBook 15 X510UR	14.22	9.58	136.2
ASUS	VivoBook 15 X512DA	14.06	9.06	127.4

Brand	Model	Width	Depth	Total area (in ²)
ASUS	VivoBook 15 X512DK	14.06	9.06	127.4
ASUS	VivoBook 15 X512FB	14.06	9.06	127.4
ASUS	VivoBook 15 X512FJ	14.06	9.06	127.4
ASUS	VivoBook 15 X512FL	14.06	9.06	127.4
ASUS	VivoBook 15 X512JA	14.06	9.07	127.5
ASUS	VivoBook 15 X512JF	14.06	9.07	127.5
ASUS	VivoBook 15 X512JP	14.06	9.07	127.5
ASUS	VivoBook 15 X512UA	14.06	9.06	127.4
ASUS	VivoBook 15 X512UB	14.06	9.06	127.4
ASUS	VivoBook 15 X512UF	14.06	9.06	127.4
ASUS	VivoBook 15 X540NA	15	9.88	148.2
ASUS	VivoBook 15 X540UA	15	9.88	148.2
ASUS	VivoBook 15 X542BA	14.96	9.88	147.8
ASUS	VivoBook 15 X542BP	14.96	9.88	147.8
ASUS	VivoBook 15 X542UA	14.96	9.88	147.8
ASUS	VivoBook 15 X542UF	14.96	9.88	147.8
ASUS	VivoBook 15 X542UN	14.96	9.88	147.8
ASUS	VivoBook 15 X542UQ	14.96	9.88	147.8
ASUS	VivoBook 15 X542UR	14.96	9.88	147.8
ASUS	VivoBook 15 X571LH	14.1	9.8	138.2
ASUS	VivoBook 15 X571LI	14.1	9.8	138.2
ASUS	VivoBook X541NA	15	9.9	148.5

Brand	Model	Width	Depth	Total area (in ²)
ASUS	VivoBook Pro 15 N580GD	14.96	10.08	150.8
ASUS	VivoBook Pro 15 N580VD	14.96	10.08	150.8
ASUS	VivoBook Pro 15 N552VW	15.08	10.24	154.4
ASUS	VivoBook Pro 15 N552VX	15.08	10.24	154.4
ASUS	VivoBook S15 M533IA	14.17	9.2	130.4
ASUS	VivoBook S15 S510UA	14.2	9.6	136.3
ASUS	VivoBook S15 S510UF	14.2	9.6	136.3
ASUS	VivoBook S15 S510UN	14.2	9.6	136.3
ASUS	VivoBook S15 S510UQ	14.2	9.6	136.3
ASUS	VivoBook S15 S530FA	14.22	9.58	136.2
ASUS	VivoBook S15 S530FN	14.22	9.58	136.2
ASUS	VivoBook S15 S530UA	14.22	9.58	136.2
ASUS	VivoBook S15 S530UF	14.22	9.58	136.2
ASUS	VivoBook S15 S530UN	14.22	9.58	136.2
ASUS	VivoBook S15 S531FA	14.06	9.06	127.4
ASUS	VivoBook S15 S531FL	14.06	9.06	127.4
ASUS	VivoBook S15 S532FA	14.06	9.06	127.4
ASUS	VivoBook S15 S532FL	14.06	9.06	127.4
ASUS	VivoBook S15 S533FA	14.17	9.2	130.4
ASUS	VivoBook S15 S533FL	14.17	9.2	130.4
ASUS	ProArt StudioBook Pro 15 H500GV	14.17	9.92	140.6

Brand	Model	Width	Depth	Total area (in ²)
ASUS	ProArt StudioBook Pro 15 W500G5T	14.17	9.92	140.6
ASUS	Laptop 15 M509BA	14.18	9.25	131.2
ASUS	Laptop 15 M509DA	14.18	9.25	131.2
ASUS	Laptop 15 M509DJ	14.18	9.25	131.2
ASUS	Laptop 15 M509DL	14.18	9.25	131.2
ASUS	Laptop 15 X509FA	14.18	9.25	131.2
ASUS	Laptop 15 X509FB	14.18	9.25	131.2
ASUS	Laptop 15 X509FJ	14.18	9.25	131.2
ASUS	Laptop 15 X509FL	14.18	9.25	131.2
ASUS	Laptop 15 X509JA	14.18	9.25	131.2
ASUS	Laptop 15 X509JB	14.18	9.25	131.2
ASUS	Laptop 15 X509JP	14.18	9.25	131.2
ASUS	Laptop 15 X509MA	14.18	9.25	131.2
ASUS	Laptop 15 X509UA	14.18	9.25	131.2
ASUS	Laptop 15 X509UB	14.18	9.25	131.2
ASUS	Laptop 15 X509UJ	14.18	9.25	131.2
ASUS	Laptop 15 X545FA	14.17	9.21	130.5
ASUS	Laptop 15 X545FB	14.17	9.21	130.5

Brand	Model	Width	Depth	Total area (in ²)
ASUS	Laptop 15 X545FJ	14.17	9.21	130.5
ASUS	Laptop E502NA	13.34	9.25	123.4
ASUS	Laptop X507MA	14.37	10.47	150.5
ASUS	Laptop X507UA	14.37	10.47	150.5
ASUS	Laptop X507UB	14.37	10.47	150.5
ASUS	Laptop X507UF	14.37	10.47	150.5
ASUS	Laptop X540BA	14.96	9.88	147.8
ASUS	Laptop X540BP	14.96	9.88	147.8
ASUS	Laptop X540LA	14.96	9.88	147.8
ASUS	Laptop X540MA	14.96	9.88	147.8
ASUS	Laptop X540MB	14.96	9.88	147.8
ASUS	Laptop X540NV	14.96	9.88	147.8
ASUS	Laptop X540SA	15	9.9	148.5
ASUS	Laptop X540UB	14.96	9.88	147.8
ASUS	Laptop X540YA	14.96	9.88	147.8
ASUS	Laptop X541SA	15	9.9	148.5
ASUS	Laptop X541UA	15	9.9	148.5
ASUS	Laptop X541UJ	15	9.9	148.5
ASUS	Laptop X541UV	15	9.9	148.5
ASUS	Laptop X543BA	14.96	9.88	147.8
ASUS	Laptop X556UQ	15.04	10.15	152.7

Brand	Model	Width	Depth	Total area (in ²)
ASUS	Laptop X556UR	15.04	10.15	152.7
ASUS	Laptop X556UV	15.04	10.15	152.7
ASUS	Laptop X560UD	14.33	10.2	146.2
ASUS	Laptop X570UD	14.76	10.07	148.6
ASUS	Laptop X570ZD	14.76	10.07	148.6
ASUS	Laptop X571GD	14.13	9.76	137.9
ASUS	Laptop X571GT	14.13	9.76	137.9
ASUS	Laptop X543BP	14.96	9.88	147.8
ASUS	Laptop X543MA	14.96	9.88	147.8
ASUS	Laptop X543MB	14.96	9.88	147.8
ASUS	Laptop X543UA	14.96	9.88	147.8
ASUS	Laptop X543UB	14.96	9.88	147.8
ASUS	Laptop X555LF	15.04	10.08	151.6
ASUS	Laptop X555LJ	15.04	10.08	151.6
ASUS	Laptop X555QA	15.04	10.08	151.6
ASUS	Laptop X555QG	15.04	10.08	151.6
ASUS	Laptop X555YI	15.04	10.08	151.6
ASUS	Laptop X556UA	15.04	10.15	152.7
ASUS	Laptop X556UJ	15.04	10.15	152.7
ASUS	ROG GL553VD	15.07	10.03	151.2
ASUS	ROG GL553VE	15.07	10.03	151.2

Brand	Model	Width	Depth	Total area (in ²)
ASUS	ROG Strix G	14.17	10.83	153.5
ASUS	ROG Strix G15 (G512LWS) (G512LW) (G512LV) (G512LU) (G512LI)	14.17	10.83	153.5
ASUS	ROG GL503	15.1	10.3	155.5
ASUS	ROG Strix Hero Edition	15.1	10.3	155.5
ASUS	ROG Strix Hero II	14.21	10.31	146.5
ASUS	ROG Strix Hero III (G531GW) (G531GV) (G531GU)	14.17	10.82	153.3
ASUS	ROG Strix SCAR II (GL504GW) (GL504GV)	14.21	10.31	146.5
ASUS	ROG Strix SCAR II (G532LWS) (G532LW) (G532LV)	14.17	10.83	153.5
ASUS	ROG ZEPHYRUS (GX501)	14.9	10.3	153.5
ASUS	ROG Zephyrus Duo 15 (GX550LXS) (GX550LWS)	14.17	10.55	149.5
ASUS	ROG Zephyrus G15 GA502IV	14.7	9.92	145.8

Brand	Model	Width	Depth	Total area (in ²)
ASUS	ROG Zephyrus M (GM501GS) (GM501GM)	15.1	10.3	155.5
ASUS	ROG ZEPHYRUS M15 (GU502LW) (GU502LV)	14.17	9.92	140.6
ASUS	ROG Zephyrus S (GX531GX) (GX531GW) (GX531GV)	14.17	10.55	149.5
ASUS	ROG ZEPHYRUS S15 (GX502LXS) (GX502LWS)	14.17	9.92	140.6
ASUS	FX753VE	16.46	10.04	165.3
ASUS	TUF Gaming A15	14.17	10.08	142.8
ASUS	TUF Gaming F15	14.17	10.08	142.8
ASUS	TUF Gaming FX504	15.12	10.3	155.7
ASUS	TUF Gaming FX505DD/DT/DU	14.17	10.3	146.0
ASUS	TUF Gaming FX505GT	14.17	10.3	146.0
ASUS	TUF Gaming FX502VD	15.35	10.47	160.7
ASUS	FX503	15.11	10.31	155.8
ASUS	FX570	14.76	10.08	148.8
ASUS	TUF Gaming FX505	14.17	10.3	146.0
ASUS	TUF Gaming FX505DV	14.17	10.3	146.0
ASUS	TUF Gaming FX505DY	14.17	10.3	146.0

Brand	Model	Width	Depth	Total area (in ²)
ASUS	TUF Gaming FX505GT	14.17	10.3	146.0
ASUS	ASUSPRO P3540FA	14.05	9.33	131.1
ASUS	ASUSPRO P3540FB	14.05	9.33	131.1
ASUS	ASUSPRO P2540FA	14.96	10.07	150.6
ASUS	ASUSPRO P2540FB	14.96	10.07	150.6
ASUS	ASUSPRO P2540UA	14.96	10.07	150.6
ASUS	ASUSPRO P2540UB	14.96	10.07	150.6
CHUWI				
CHUWI	AeroBook Plus	14.25	9.53	135.8
CHUWI	LapBook Plus	14.25	9.52	135.7
CHUWI	LapBook 15.6	14.61	9.45	138.1
Dynabook				
Dynabook	Tecra A50-F1520	14.9	10.2	152.0
Dynabook	Tecra A50-EC1520	14.9	10.2	152.0
Dynabook	Tecra A50-F1521	14.9	10.2	152.0
Dynabook	Tecra A50-EC1525	14.9	10.2	152.0
Dynabook	Tecra A50-F1525	14.9	10.2	152.0

Brand	Model	Width	Depth	Total area (in ²)
Dynabook	Tecra A50-F1528	14.9	10.2	152.0
Dynabook	Tecra A50-EC1528	14.9	10.2	152.0
Dynabook	Tecra C50-E1516	14.9	10.2	152.0
Dynabook	Tecra X50-F-BTO	14.1	9.8	138.2
Dynabook	Portege X50-G-BTO	14.1	9.8	138.2
Fujitsu				
Fujitsu	Lifebook A359	14.88	10.08	150.0
Fujitsu	Lifebook E459	14.92	10.08	150.4
Fujitsu	Lifebook E5510	14.92	10.08	150.4
Fujitsu	Lifebook E559	14.92	10.08	150.4
Fujitsu	Lifebook U7510	14.88	10.08	150.0
Fujitsu	Lifebook U759	14.92	10.08	150.4
HP				
HP	ENVY Laptop - 15t	14.09	9.32	131.3
HP	250 G7	14.8	9.68	143.3
HP	255 G7	14.8	9.68	143.3
HP	OMEN 15	14.17	10.35	146.7
HP	OMEN 15t	14.09	9.44	133.0

Brand	Model	Width	Depth	Total area (in ²)
HP	OMEN 15z	14.09	9.44	133.0
HP	OMEN X 2S	14.26	10.3	146.9
HP	OMEN 15-dh001nr	14.17	10.24	145.1
HP	OMEN X 2S RTX Studio	14.26	10.3	146.9
HP	OMEN RTX Studio	14.17	10.24	145.1
HP	Pavilion Gaming laptop 15t	14.17	10.08	142.8
HP	Pavilion 15-cs1067nr	14.24	9.67	137.7
HP	HP Gaming Pavilion 15-dk0030nr	14.17	10.07	142.7
HP	HP Gaming Pavilion 15-dk1082nr	14.17	10.08	142.8
HP	Laptop 15t	14.11	9.52	134.3
HP	Laptop 15z	14.11	9.53	134.5
HP	Pavilion 15t	14.24	9.67	137.7
HP	Pavilion 15z Touch	14.24	9.67	137.7
HP	EliteBook 850 G6	14.6	9.91	144.7
HP	EliteBook 850 G7	14.16	9.2	130.3
HP	ProBook 450 G7	14.37	10.11	145.3
HP	ProBook 455 G7	14.37	10.11	145.3
HP	ProBook 455R G6	14.37	10.11	145.3
HP	ProBook 650 G5	14.85	10.12	150.3
HP	Zbook 15u G6	14.6	9.91	144.7
HP	Zbook Firefly G7	14.15	9.19	130.0
HP	Zbook 15 G6	14.8	10.4	153.9

Brand	Model	Width	Depth	Total area (in ²)
HP	Zbook 15v G5	14.37	10.1	145.1
HP	Zbook Studio G5 Mobile Workstation	14.17	10	141.7
Huawei				
Huawei	MateBook D 15	14.09	9.05	127.5
Lenovo				
Lenovo	Ideapad S145 (Intel)	14.26	9.9	141.2
Lenovo	Ideapad 3 15" (Intel)	14.25	9.98	142.2
Lenovo	Ideapad 3 15" (AMD)	14.25	9.98	142.2
Lenovo	Ideapad L340 (AMD)	14.3	10	143.0
Lenovo	Ideapad S540 (Intel)	14.1	9.6	135.4
Lenovo	Ideapad 5 15"	14.07	9.18	129.2
Lenovo	Ideapad Gaming 3i 15"	14.13	9.83	138.9
Lenovo	Ideapad Gaming 3 15" AMD	14.13	9.83	138.9
Lenovo	Ideapad S740	14.1	9.2	129.7
Lenovo	Legion Y540	14.4	10.2	146.9
Lenovo	Legion Y545	14.22	10.5	149.3
Lenovo	Legion Y740	14.2	10.5	149.1
Lenovo	Legion 5 AMD	14.3	10.2	145.9
Lenovo	Legion 5i 15"	14.3	10.2	145.9
Lenovo	Legion 7i 15"	14.1	10	141.0
Lenovo	ThinkPad P1 Gen 2	14.2	9.7	137.7

Brand	Model	Width	Depth	Total area (in ²)
Lenovo	ThinkPad P53	14.8	9.92	146.8
Lenovo	ThinkPad P52s	14.4	9.95	143.3
Lenovo	ThinkPad P15s	14.4	9.76	140.5
Lenovo	ThinkPad T590	14.4	9.76	140.5
Lenovo	ThinkPad T15	14.4	9.7	139.7
Lenovo	ThinkPad X1 Extreme Gen 2	14.2	9.7	137.7
Lenovo	ThinkPad X1 Extreme Gen 3	14.24	9.67	137.7
Lenovo	ThinkPad E15	14.48	9.64	139.6
Lenovo	ThinkPad E15 Gen 2	14.4	9.4	135.4
Lenovo	ThinkPad L15	14.43	9.84	142.0
Lenovo	ThinkBook 15	14.33	9.65	138.3
LG				
LG	gram (15Z90N)	14.1	8.9	125.5
LG	gram (15Z995)	14.1	9	126.9
LG	gram (15Z990)	14.1	9	126.9
LG	gram (15Z980)	14.1	9	126.9
LG	gram (15Z975)	14.1	9	126.9

Brand	Model	Width	Depth	Total area (in ²)
LG	gram (15Z970)	14.1	9	126.9
Microsoft				
Microsoft	Surface Laptop 3 15"	13.4	9.6	128.6
Razer				
Razer	Blade 15 Base Edition	13.98	9.25	129.3
Razer	Blade 15 Advanced Edition	13.98	9.25	129.3
Razer	Blade 15 Studio Edition	13.98	9.25	129.3
Sager				
Sager	NP8752N2	14.07	9.37	131.8
Sager	NP8458F2	14.13	10.16	143.6
Sager	NP8752F1	14.07	9.37	131.8
Sager	NP8752D2	14.07	9.37	131.8
Sager	NP7958F1	14.21	10.16	144.4
Sager	NP6858CQ	14.21	10.16	144.4
Sager	NP7958C	14.21	10.16	144.4
Sager	NP6858EQ	14.21	10.16	144.4
Sager	NP6858EQ	14.21	10.16	144.4

Brand	Model	Width	Depth	Total area (in ²)
Samsung				
Samsung	Notebook 7 NP750XBE-X01US	14.15	9.38	132.7
Samsung	Notebook 7 (NP750XBE-K02US)	14.15	9.38	132.7
Samsung	Notebook 7 Force NP760XBE-X01US	14.79	10.04	148.5
Samsung	Notebook Odyssey Z NP850XAC-X01US	14.79	10.04	148.5
Samsung	Galaxy Book Ion 15.6"	14.02	8.98	125.9

Figure 3. Size comparison of Dell XPS 17 vs. 15-inch laptops. All links and data current as of 08/25/2020.

ABOUT PRINCIPLED TECHNOLOGIES



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We provide industry-leading technology assessment and fact-based marketing services. We bring to every assignment extensive experience with and expertise in all aspects of technology testing and analysis, from researching new technologies, to developing new methodologies, to testing with existing and new tools.

When the assessment is complete, we know how to present the results to a broad range of target audiences. We provide our clients with the materials they need, from market-focused data to use in their own collateral to custom sales aids, such as test reports, performance assessments, and white papers. Every document reflects the results of our trusted independent analysis.

We provide customized services that focus on our clients' individual requirements. Whether the technology involves hardware, software, Web sites, or services, we offer the experience, expertise, and tools to help our clients assess how it will fare against its competition, its performance, its market readiness, and its quality and reliability.

Our founders, Mark L. Van Name and Bill Catchings, have worked together in technology assessment for over 20 years. As journalists, they published over a thousand articles on a wide array of technology subjects. They created and led the Ziff-Davis Benchmark Operation, which developed such industry-standard benchmarks as Ziff Davis Media's Winstone and WebBench. They founded and led eTesting Labs, and after the acquisition of that company by Lionbridge Technologies were the head and CTO of VeriTest.

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