

COMPARISON OF 15-INCH-CLASS LAPTOPS

We compared the Dell XPS 15 laptop to others in its class from vendors including Acer®, AORUS, Apple®, ASUS®, Chuwi, Dynabook, Fujitsu®, HP, Huawei, Lenovo®, LG, 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 05/19/2020, and report only what each vendor disclosed on their website.

According to vendor-provided data, the Dell XPS 15 is the smallest performance-class 15.6-inch laptop, has the highest screen-to-body ratio of any 15.6-inch laptop, and has the best battery life of any 15-inch performance-class laptop.¹

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
DELL				
Dell	XPS 15 (9500)	Intel Core i5-10300H	NVIDIA GeForce GTX 1650 Ti	122.9
Acer				
Acer	Aspire 3 (A315-21-95KF)	AMD A9-9420	AMD Radeon R5 Graphics	153.0
Acer	Aspire 3 (A315-51-31RD)	Intel Core i3-7100U	Intel UHD Graphics 620	153.0
Acer	Aspire 3 (A315-41-R3RF)	AMD Ryzen 3 2200U	AMD Radeon Vega 3	154.5
Acer	Aspire 3 (A315-53-52CF)	Intel Core i5-8250U	Intel UHD Graphics 620	154.5
Acer	Aspire 3 (A315-53-57WF)	Intel Core i5-8250U	Intel UHD Graphics 620	154.5

¹ In this report, "performance-class laptop" refers to devices containing both an H-level processor (or better) and a discrete graphics card.



Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Acer	Aspire 3 (A315-41-R3BW)	AMD Ryzen 5 2500U	AMD Radeon Vega 8	154.5
Acer	Aspire 3 (A315-41-R132)	AMD Ryzen 5 2500U	AMD Radeon Vega 8	154.5
Acer	Aspire 3 (A315-41-R98U)	AMD Ryzen 5 2500U	AMD Radeon Vega 8	154.5
Acer	Aspire 3 (A315-41-R14K)	AMD Ryzen 7 2700U	AMD Radeon Vega 10	154.5
Acer	Aspire 3 (A315-32-C0S5)	Intel Celeron N4100	Intel UHD Graphics 600	153.0
Acer	Aspire 3 (A315-32-C3KK)	Intel Celeron N4100	Intel UHD Graphics 600	153.0
Acer	Aspire 3 (A315-53-578V)	Intel Core i5-8250U	Intel UHD Graphics 620	154.5
Acer	Aspire 3 (A315-53-59PF)	Intel Core i5-8250U	Intel UHD Graphics 620	154.5
Acer	Aspire 3 (A315-53-35ZY)	Intel Core i3-8130U	Intel UHD Graphics 620	154.5
Acer	Aspire 3 (A315-53-32TF)	Intel Core i3-8130U	Intel UHD Graphics 620	154.5
Acer	Aspire 3 (A315-21-90LC)	AMD A9-9420e	AMD Radeon R5 Graphics	153.0
Acer	Aspire 3 (A315-53-56ER)	Intel Core i5-8250U	Intel UHD Graphics 620	154.5
Acer	Aspire 3 (A315-54-530D)	Intel Core i5-10210U	Intel UHD Graphics	138.7

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Acer	Aspire 3 (A315-21G-27XB)	AMD E2-9000e	AMD Radeon 520	153.0
Acer	Aspire 3 (A315-56-59DU)	Intel Core i5-1035G1	Intel UHD Graphics	138.7
Acer	Aspire 3 (A315-56-533A)	Intel Core i5-1035G1	Intel UHD Graphics	138.7
Acer	Aspire 3 (A315-56-38MZ)	Intel Core i3-1005G1	Intel UHD Graphics	138.7
Acer	Aspire 5 (A515-43-R19L)	AMD Ryzen 3 3200U	AMD Radeon Vega 3	138.7
Acer	Aspire 5 (A515-54-51DJ)	Intel Core i5-8265U	Intel UHD Graphics 620	141.6
Acer	Aspire 5 (A515-54G-70TZ)	Intel Core i7-8565U	NVIDIA GeForce MX250	141.6
Acer	Aspire 5 (A515-54G-54QQ)	Intel Core i5-8265U	NVIDIA GeForce MX250	141.6
Acer	Aspire 5 (A515-54-55ZD)	Intel Core i5-8265U	Intel UHD Graphics 620	141.6
Acer	Aspire 5 (A515-54-79J5)	Intel Core i7-8565U	Intel UHD Graphics 620	141.6
Acer	Aspire 5 (A515-54-597W)	Intel Core i5-8265U	Intel UHD Graphics 620	141.6
Acer	Aspire 5 (A515-54G-73WC)	Intel Core i7-8565U	NVIDIA GeForce MX250	141.6
Acer	Aspire 5 (A515-51-523X)	Intel Core i5-8250U	Intel UHD Graphics 620	156.0

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Acer	Aspire 5 (A515-43-R4Z2)	AMD Ryzen 5 3500U	AMD Radeon Vega 8	138.7
Acer	Aspire 5 (A515-54-75VH)	Intel Core i7-8565U	Intel UHD Graphics 620	141.6
Acer	Aspire 5 (A515-52-368R)	Intel Core i3-8145U	Intel UHD Graphics 620	138.7
Acer	Aspire 5 (A515-54G-797L)	Intel Core i7-10510U	NVIDIA GeForce MX250	141.6
Acer	Aspire 5 (A515-54-5649)	Intel Core i5-10210U	Intel UHD Graphics	141.6
Acer	Aspire 5 (A515-52-760G)	Intel Core i7-8565U	Intel UHD Graphics 620	138.7
Acer	Aspire 5 (A515-52-53QM)	Intel Core i7-8565U	Intel UHD Graphics 620	138.7
Acer	Aspire 5 (A515-54-76TA)	Intel Core i7-10510U	Intel UHD Graphics	141.6
Acer	Aspire 5 (A515-55-588C)	Intel Core i5-1035G1	Intel UHD Graphics	141.6
Acer	Aspire 5 (A515-51G-53F6)	Intel Core i5-8250U	NVIDIA GeForce MX150	156.0
Acer	Aspire 5 (A515-54-50CY)	Intel Core i5-8265U	Intel UHD Graphics 620	141.6
Acer	Aspire 5 (A515-54G-73Q2)	Intel Core i7-10510U	NVIDIA GeForce MX350	141.6
Acer	Aspire 5 (A515-54-55AA)	Intel Core i5-10210U	Intel UHD Graphics	141.6

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Acer	Aspire 7 (A715-72G-79R9)	Intel Core i7-8750H	NVIDIA GeForce GTX 1050 Ti	154.5
Acer	Aspire 7 (A715-73G-75BW)	Intel Core i7-8705G	AMD Radeon RX Vega M GL	134.9
Acer	Aspire 7 (A715-73G-726G)	Intel Core i7-8705G	AMD Radeon RX Vega M GL	134.9
Acer	Aspire 7 (A715-72G-739V)	Intel Core i7-8750H	NVIDIA GeForce GTX 1050 Ti	154.5
Acer	Aspire 7 (A715-74G-71WS)	Intel Core i7-9750H	NVIDIA GeForce GTX 1050	143.0
Acer	Aspire 7 (A715-74G-73QX)	Intel Core i7-9750H	NVIDIA GeForce GTX 1650	143.0
Acer	Aspire 7 (A715-41G-R7X4)	AMD Ryzen 5 3550H	NVIDIA GeForce GTX 1650	135.0
Acer	Aspire 7 (A715-75G-544V)	Intel Core i5-9300H	NVIDIA GeForce GTX 1650	143.0
Acer	Nitro 5 (AN515-53-70AQ)	Intel Core i7-8750H	NVIDIA GeForce GTX 1050 Ti	161.7
Acer	Nitro 5 (AN515-42-R5ED)	AMD Ryzen 5 2500U	AMD Radeon RX 560X	161.7
Acer	Nitro 5 (AN515-54-54W2)	Intel Core i5-9300H	NVIDIA GTX 1050	143.0
Acer	Nitro 5 (AN515-54-51M5)	Intel Core i5-9300H	NVIDIA GTX 1650	143.0
Acer	Nitro 5 (AN515-43-R0YM)	AMD Ryzen 5 3550H	AMD Radeon RX 560X	143.0

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Acer	Nitro 5 (AN515-43-R1QT)	AMD Ryzen 7 3750H	AMD Radeon RX 560X	143.0
Acer	Nitro 5 (AN515-55-53AG)	Intel Core i5-10300H	NVIDIA GTX 1650	143.0
Acer	Predator Helios 300 (PH315-52-78VL)	Intel Core i7-9750H	NVIDIA GeForce GTX 1660Ti	142.0
Acer	Predator Helios 300 (PH315-52-72RG)	Intel Core i7-9750H	NVIDIA GeForce GTX 1660Ti	142.0
Acer	Predator Helios 300 (PH315-52-72EV)	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	142.0
Acer	Predator Triton 500 (PT515-51-75BH)	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	141.0
Acer	Predator Triton 500 (PT515-51-7848)	Intel Core i7-9750H	NVIDIA GeForce RTX 2080	141.0
Acer	Predator Triton 500 (PT515-51-75Q2)	Intel Core i7-9750H	NVIDIA GeForce RTX 2080	141.0
Acer	Predator Triton 500 (PT515-51-73Z5)	Intel Core i7-9750H	NVIDIA GeForce RTX 2080	141.0
Acer	Predator Triton 500 (PT515-51-7746)	Intel Core i7-9750H	NVIDIA GeForce RTX 2070	141.0
Acer	Swift 3 (SF315-52-52YN)	Intel Core i5-8250U	Intel UHD Graphics 620	135.4
Acer	Swift 3 (SF315-52-51NV)	Intel Core i5-8250U	Intel UHD Graphics 620	135.4
Acer	Swift 3 (SF315-52G-55MH)	Intel Core i5-8250U	NVIDIA GeForce MX150	135.4

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Acer	Swift 5 (SF515-51T-507P)	Intel Core i5-8265U	Intel UHD Graphics 620	128.3
Acer	Swift 5 (SF515-51T-53AY)	Intel Core i5-8265U	Intel UHD Graphics 620	128.3
Acer	TravelMate P2 (TMP2510-G2-M-320E)	Intel Core i3-8130U	Intel UHD Graphics 620	149.0
Acer	TravelMate P2 (TMP2510-G2-M-56AT)	Intel Core i5-8250U	Intel UHD Graphics 620	149.0
Acer	TravelMate P2 (TMP2510-G2-M-317P)	Intel Core i3-8130U	Intel UHD Graphics 620	149.0
Acer	TravelMate P2 (TMP215-51-51RB)	Intel Core i5-8250U	Intel UHD Graphics 620	145.4
Acer	TravelMate P2 (TMP215-51-56BF)	Intel Core i5-8250U	Intel UHD Graphics 620	144.8
Acer	TravelMate P6 (TMP658-MG-749P)	Intel Core i7-6500U	NVIDIA GeForce 940M	150.0
Acer	ConceptD 7 (CN715-71-70LR)	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	141.0
Acer	ConceptD 7 (CN715-71-73A9)	Intel Core i7-9750H	NVIDIA GeForce RTX 2080	141.0
Acer	ConceptD 7 (CN715-71-77QK)	Intel Core i7-9750H	NVIDIA GeForce RTX 2080	141.0
Acer	ConceptD 7 (CN715-71-71TE)	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	141.0
Acer	ConceptD 5 (CN515-51-72FX)	Intel Core i7-8705G	AMD Radeon RX Vega M GL	134.9

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Acer	ConceptD 5 (CN515-71-712T)	Intel Core i7-9750H	NVIDIA GeForce GTX 1660Ti	143.0
Acer	ConceptD 3 Pro (CN315-71P-78QP)	Intel Core i7-9750H	NVIDIA Quadro T1000	143.0
GIGABYTE (Formerly Aorus)				
GIGABYTE	Aorus 15-W9	Intel Core i7-8750H	NVIDIA GeForce RTX 2060	137.6
GIGABYTE	Aorus 15-X9	Intel Core i7-8750H	NVIDIA GeForce RTX 2070	137.6
GIGABYTE	Aorus 15-XA	Intel Core i7-9750H	NVIDIA GeForce RTX 2070	137.6
GIGABYTE	Aorus 15-WA	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	137.6
GIGABYTE	Aorus 15-SA	Intel Core i7-9750H	NVIDIA GeForce GTX 1660Ti	137.6
GIGABYTE	Aorus 5-GA	Intel Core i7-9750H	NVIDIA GeForce GTX 1050	136.9
GIGABYTE	Aorus 5-NA	Intel Core i7-9750H	NVIDIA GeForce GTX 1650	136.9
GIGABYTE	Aorus 5 KB	Intel Core i7-10750H	NVIDIA GeForce RTX 2060	144.2
GIGABYTE	Aorus 5 SB	Intel Core i7-10750H	NVIDIA GeForce GTX 1660 Ti	144.2
GIGABYTE	Aorus 5 MB	Intel Core i7-10750H	NVIDIA GeForce GTX 1650 Ti	144.2
GIGABYTE	Aorus 15G YB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2080 SUPER	137.8
GIGABYTE	Aorus 15G XB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070 SUPER	137.8
GIGABYTE	Aorus 15G WB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070	137.8

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
GIGABYTE	Aorus 15G KB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	Aorus 15G SB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce GTX 1660 Ti	137.8
GIGABYTE	AERO 15S OLED YB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2080 SUPER	137.8
GIGABYTE	AERO 15S OLED XB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070 SUPER	137.8
GIGABYTE	AERO 15S OLED WB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070	137.8
GIGABYTE	AERO 15S OLED KB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	AERO 15S OLED SB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce GTX 1660 Ti	137.8
GIGABYTE	AERO 15 OLED YB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2080 SUPER	137.8
GIGABYTE	AERO 15 OLED XB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070 SUPER	137.8

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
GIGABYTE	AERO 15 OLED WB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070	137.8
GIGABYTE	AERO 15 OLED KB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	AERO 15 OLED SB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce GTX 1660 Ti	137.8
GIGABYTE	AERO 15S YB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2080 SUPER	137.8
GIGABYTE	AERO 15S XB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070 SUPER	137.8
GIGABYTE	AERO 15S WB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070	137.8
GIGABYTE	AERO 15S KB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	AERO 15S SB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce GTX 1660 Ti	137.8
GIGABYTE	AERO 15 YB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2080 SUPER	137.8

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
GIGABYTE	AERO 15 XB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070 SUPER	137.8
GIGABYTE	AERO 15 WB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070	137.8
GIGABYTE	AERO 15 KB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	AERO 15 SB	Intel Core i9-10980HK Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce GTX 1660 Ti	137.8
GIGABYTE	AERO 15 OLED YA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2080	137.8
GIGABYTE	AERO 15 OLED XA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2070	137.8
GIGABYTE	AERO 15 OLED WA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	AERO 15 OLED SA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce GTX 1660 Ti	137.8
GIGABYTE	AERO 15 OLED NA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce GTX 1650	137.8
GIGABYTE	AERO 15S OLED YA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2080	137.8
GIGABYTE	AERO 15S OLED XA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2070	137.8

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
GIGABYTE	AERO 15S OLED WA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	AERO 15S OLED SA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce GTX 1660 Ti	137.8
GIGABYTE	AERO 15S OLED NA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce GTX 1650	137.8
GIGABYTE	AERO 15 XA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2070	137.8
GIGABYTE	AERO 15S XA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2070	137.8
GIGABYTE	AERO 15S WA	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	AERO 15S SA	Intel Core i7-9750H	NVIDIA GeForce GTX 1660 Ti	137.8
GIGABYTE	AERO 15 Classic-YA	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2080	137.8
GIGABYTE	AERO 15 Classic-XA	Intel Core i7-9750H	NVIDIA GeForce RTX 2070	137.8
GIGABYTE	AERO 15 Classic-WA	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	AERO 15 Classic-SA	Intel Core i7-9750H	NVIDIA GeForce GTX 1660 Ti	137.8
GIGABYTE	AERO 15-Y9	Intel Core i9-8950HK Intel Core i7-8750H	NVIDIA GeForce RTX 2080	137.8
GIGABYTE	AERO 15-X9	Intel Core i9-8950HK Intel Core i7-8750H	NVIDIA GeForce RTX 2070	137.8
GIGABYTE	AERO 15-W9	Intel Core i7-8750H	NVIDIA GeForce RTX 2060	137.8
GIGABYTE	AERO 15-X8	Intel Core i7-8750H	NVIDIA GeForce GTX 1070	137.8
GIGABYTE	AERO 15-W8	Intel Core i7-8750H	NVIDIA GeForce GTX 1060	137.8

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS				
ASUS	FX503	Intel Core i7 7700HQ Intel Core i5 7300HQ	NVIDIA GeForce GTX 1050 NVIDIA GeForce GTX 1060	155.8
ASUS	TUF Gaming FX505GT	Intel Core i7-9750H Intel Core i5-9300H	NVIDIA GeForce GTX 1650	146.0
ASUS	FX570	Intel Core i7-8550U Intel Core i5-8250U	NVIDIA GeForce GTX 1050	148.8
ASUS	TUF Gaming FX502VD	Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 1050	160.7
ASUS	TUF Gaming F15	Intel Core i7-10750HQ Intel Core i5-10300HQ	NVIDIA GeForce GTX 1660 Ti NVIDIA GeForce GTX 1650 Ti NVIDIA GeForce GTX 1650	142.8
ASUS	TUF Gaming FX504	Intel Core i5-8300H Intel Core i7-8750H	NVIDIA GeForce GTX 1050 NVIDIA GeForce GTX 1050 Ti NVIDIA GeForce GTX 1060	155.7
ASUS	TUF Gaming A15	AMD Ryzen 7 4800H AMD Ryzen 5 4600H	NVIDIA GeForce GTX 1660 Ti NVIDIA GeForce RTX 2060	142.8
ASUS	FX753VE	Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 1050Ti	165.3
ASUS	TUF Gaming FX505DD/DT/DU	AMD Ryzen 7 3750H AMD Ryzen 5 3550H	NVIDIA GeForce GTX 1050 NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1660Ti	146.0
ASUS	ZenBook Pro UX550VE	Intel Core i7-7700HQ	NVIDIA GeForce GTX 1050 Ti	142.0
ASUS	ZenBook Pro 15 UX550GD	Intel Core i9-8950HK Intel Core i7-8750H Intel Core i5-8300H	NVIDIA GeForce GTX 1050	142.0

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	ZenBook Pro 15 UX580GD	Intel Core i9-8950HK	NVIDIA GeForce GTX 1050 Ti	136.4
ASUS	ZenBook Pro 15 UX550GE	Intel Core i7-8750H	NVIDIA GeForce GTX 1050 Ti	142.0
ASUS	ZenBook Pro 15 UX580GE	Intel Core i9-8950HK Intel Core i7-8750H Intel Core i5-8300H	NVIDIA GeForce GTX 1050 Ti	136.4
ASUS	ZenBook 15 UX533FN	Intel Core i7-8565U Intel Core i5-8265U	NVIDIA GeForce GTX MX150	120.7
ASUS	ZenBook Pro UX550VD	Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 1050	142.0
ASUS	ZenBook 15 UX533FD	Intel Core i7-8565U Intel Core i5-8265U	NVIDIA GeForce GTX 1050 Max-Q	120.7
ASUS	ZenBook UX510UX	Intel Core i7-6500U Intel Core i5-6200U	NVIDIA GeForce GTX 950M	150.8
ASUS	ZenBook UX510UW	Intel Core i7-6500U Intel Core i5-6200U	NVIDIA GeForce GTX 960M	150.8
ASUS	ZenBook 15 UX534FT	Intel Core i7-8565U Intel Core i5-8265U	NVIDIA GeForce GTX 1650 Max-Q	120.6
ASUS	ZenBook UX530UX	Intel Core i7-7500U Intel Core i5-7200U Intel Core i3-7100U	NVIDIA GeForce GTX 950	137.3
ASUS	ZenBook 15 UX534FTC	Intel Core i7-10510U Intel Core i5-10210U	NVIDIA GeForce GTX 1650 Max-Q	120.6
ASUS	ZenBook 15 UX534FA	Intel Core i7-8565U Intel Core i5-8265U	Intel UHD Graphics	120.7
ASUS	ZenBook 15 UX534FAC	Intel Core i7-10510U Intel Core i5-10210U	Intel UHD Graphics	120.6

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	ZenBook 15 UX533FAC	Intel Core i7 10510U Intel Core i5 10210U	Intel UHD Graphics	120.6
ASUS	ZenBook 15 UX533FTC	Intel Core i7-10510U Intel Core i5-10210U	NVIDIA GeForce GTX 1650 Max-Q	120.6
ASUS	VivoBook 15 X505BP	AMD A9-9420 AMD A6-9220 AMD E2-9000	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	136.3
ASUS	VivoBook 15 X505BA	AMD A9-9420 AMD A6-9220 AMD E2-9000	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	136.3
ASUS	VivoBook S15 S510UQ	Intel Core i7-8550U Intel Core i7-8250U Intel Core i7-7500U Intel Core i5-7200U Intel Core i3-7100U	NVIDIA GeForce 940MX	136.3
ASUS	VivoBook S15 S510UN	Intel Core i7-8550U Intel Core i7-8250U Intel Core i7-7500U Intel Core i5-7200U Intel Core i3-7100U	NVIDIA GeForce MX150	136.3
ASUS	VivoBook Pro 15 N580VD	Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 1050	150.8
ASUS	VivoBook 15 X512DA	AMD Ryzen 7 3700U AMD Ryzen 5 3500U AMD Ryzen 3 3200U AMD Athlon II 300U	Radeon RX Vega 10 Radeon Vega 8 Radeon Vega 3	127.4
ASUS	VivoBook S15 S532FL	Intel Core i7-8565U Intel Core i5-8265U	NVIDIA GeForce MX250	127.4

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	VivoBook 15 X512UF	Intel Core i7-8550U Intel Core i5-8250U	NVIDIA GeForce MX130	127.4
ASUS	VivoBook 15 X512FL	Intel Core i7-8550U Intel Core i5-8250U	NVIDIA GeForce MX130	127.4
ASUS	VivoBook Pro 15 N580GD	Intel Core i7-8750H Intel Core i5-8300H	NVIDIA GeForce GTX 1050	150.8
ASUS	VivoBook S15 S531FL	Intel Core i7-10510U Intel Core i5-10210U Intel Core i7-8565U Intel Core i5-8265U	NVIDIA GeForce MX250	127.4
ASUS	VivoBook 15 X540UA	Intel Core i5-8250U Intel Core i5-7200U	Intel UHD Graphics	148.2
ASUS	VivoBook 15 X510UA	Intel Core i7 7500U Intel Core i5 7200U Intel Core i3 7100U Intel Core i7-8550U Intel Core i5-8250U	NVIDIA GeForce MX150	136.3
ASUS	VivoBook S15 S530UF	Intel Core i7-8550U Intel Core i7-8250U Intel Core i3-8130U	NVIDIA GeForce MX130	136.2
ASUS	VivoBook 15 X542UQ	Intel Core i5-7200U Intel Core i7-7500U Intel Core i3-7100U	NVIDIA GeForce 940MX	147.8
ASUS	VivoBook 15 X542UA	Intel Core i7-8550U Intel Core i5-8250U Intel Core i7-7500U Intel Core i3-8130U	NVIDIA GeForce 940MX	147.8

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	VivoBook Pro 15 N552VW	Intel Core i7-6700HQ Intel Core i5-6300HQ	NVIDIA GeForce GTX 960M	154.4
ASUS	VivoBook 15 X542UF	Intel Core i5-7200U Intel Core i7-7500U Intel Core i3-7100U	NVIDIA GeForce MX130	147.8
ASUS	VivoBook 15 X510UF	Intel Core i7-8550U Intel Core i5-8250U	NVIDIA GeForce MX130	136.2
ASUS	VivoBook S15 S530UN	Intel Core i7-8550U Intel Core i7-8250U Intel Core i3-8130U	NVIDIA GeForce MX150	136.2
ASUS	VivoBook 15 X540NA	Intel Pentium N4200 Intel Celeron N3350 Intel Celeron N3450	Intel HD Graphics	148.2
ASUS	VivoBook S15 S510UF	Intel Core i7-8550U Intel Core i5-8250U	NVIDIA GeForce MX130	136.3
ASUS	VivoBook 15 X512UA	Intel Core i5-8250U Intel Core i3-8130U Intel Core i3-7020U Intel Pentium 4417U	Intel HD Graphics	127.4
ASUS	VivoBook 15 X510QA	AMD FX-9800P AMD A12-9720P	AMD Radeon R7 Graphics	136.3
ASUS	VivoBook S15 S531FA	Intel Core i7-10510U Intel Core i5-10210U Intel Core i7-8565U Intel Core i5-8265U	Intel UHD Graphics 620	127.4
ASUS	VivoBook 15 X512DK	AMD Ryzen 5 3500U AMD Ryzen 3 3200U	Radeon Vega 8 Radeon Vega 3	127.4

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	VivoBook 15 X542UN	Intel Core i5-7200U Intel Core i7-7500U Intel Core i7-8550U Intel Core i5-8250U	NVIDIA GeForce MX150	147.8
ASUS	VivoBook Pro 15 N552VX	Intel Core i7-6700HQ Intel Core i5-6300HQ	NVIDIA GeForce GTX 950M	154.4
ASUS	VivoBook X510UN	Intel Core i7-8550U Intel Core i7-8250U Intel Core i7-7500U Intel Core i5-7200U Intel Core i3-7100U	NVIDIA GeForce MX150	136.3
ASUS	VivoBook 15 X510UQ	Intel Core i7 7500U Intel Core i5 7200U Intel Core i3 7100U	NVIDIA GeForce 940MX	136.3
ASUS	VivoBook S15 S532FA	Intel Core i7-8565U Intel Core i5-8265U	Intel UHD 630 Graphics	127.4
ASUS	VivoBook 15 X512FJ	Intel Core i7-8565U Intel Core i5-8265U	NVIDIA GeForce MX230	127.4
ASUS	VivoBook 15 X512JA	Intel Core i7-1065G7 Intel Core i5-1035G1 Intel Core i3-1005G1	Intel UHD	127.5
ASUS	VivoBook 15 X512JP	Intel Core i7-1065G7 Intel Core i5-1035G1	NVIDIA GeForce MX330	127.5
ASUS	TUF Gaming FX505DV	AMD Ryzen 7 3750H AMD Ryzen 5 3550H	NVIDIA GeForce RTX 2060	146.0
ASUS	TUF Gaming FX505DY	AMD Ryzen 5 3550H	AMD Radeon RX 560X	146.0

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	TUF Gaming FX505	Intel Core i5-8300H Intel Core i7-8750H	NVIDIA GeForce GTX 1050 NVIDIA GeForce GTX 1050 Ti NVIDIA GeForce GTX 1060	146.0
ASUS	ROG GL553VD	Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 1050 2GB/4GB	151.2
ASUS	ROG GL552VX	Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 950M	151.2
ASUS	ROG GL553VE	Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 1050Ti 4GB	151.2
ASUS	ROG Strix G	Intel Core i7-9750H Intel Core i5-9300H	NVIDIA GeForce GTX 1050 NVIDIA GeForce RTX 2060 NVIDIA GeForce RTX 2070 NVIDIA GeForce GTX 1660Ti NVIDIA GeForce GTX 1650	153.5
ASUS	ROG Strix G15 (G512LWS) (G512LW) (G512LV) (G512LU) (G512LI)	Intel Core i7-10875H Intel Core i7-10750H Intel Core i5-10300H	NVIDIA GeForce RTX 2070 SUPER NVIDIA GeForce RTX 2060 SUPER NVIDIA GeForce RTX 2060 NVIDIA GeForce GTX 1660Ti NVIDIA GeForce GTX 1650Ti	153.5
ASUS	ROG GL503	Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 1050	155.5
ASUS	ROG Strix Hero Edition	Intel Core i5-8300H Intel Core i7-8750H	NVIDIA GeForce GTX 1050 Ti	155.5
ASUS	ROG Strix SCAR II (GL504GW) (GL504GV)	Intel Core i7-8750H Intel Core i5-8300H	NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2060	146.5

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	ROG Strix SCAR II (G532LWS) (G532LW) (G532LV)	Intel Core i9-10980HK Intel Core i7-10875H	NVIDIA GeForce RTX 2070 SUPER NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2060	153.5
ASUS	ROG Strix Hero II	Intel Core i7-8750H Intel Core i5-8300H	NVIDIA GeForce RTX 2060	146.5
ASUS	ROG Strix Hero III (G531GW) (G531GV) (G531GU)	Intel Core i9-9880H Intel Core i7-9750H Intel Core i5-9300H	NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2060 NVIDIA GeForce GTX 1660 Ti	153.3
ASUS	ROG ZEPHYRUS S15 (GX502LXS) (GX502LWS)	Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2080 SUPER NVIDIA GeForce RTX 2070 SUPER	140.6
ASUS	ROG ZEPHYRUS M15 (GU502LW) (GU502LV)	Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2060	140.6
ASUS	ROG ZEPHYRUS (GX501)	Intel Core i7-7700HQ Intel Core i5-7300HQ Intel Core i7-8750HQ	NVIDIA GeForce GTX 1070 NVIDIA GeForce GTX 1080	153.5
ASUS	ROG Zephyrus M (GM501GS) (GM501GM)	Intel Core i7-8750H	NVIDIA GeForce GTX 1070 NVIDIA GeForce GTX 1060	155.5
ASUS	ROG Zephyrus S (GX531GX) (GX531GW) (GX531GV)	Intel Core i7-8750H	NVIDIA GeForce RTX 2080 NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2060	149.5
ASUS	ROG Zephyrus G15 GA502IV	AMD Ryzen 7 4800HS	NVIDIA GeForce RTX 2060	145.8

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	ROG Zephyrus Duo 15 (GX550LXS) (GX550LWS)	Intel Core i9-10980HK Intel Core i7-10875H	NVIDIA GeForce RTX 2080 SUPER NVIDIA GeForce RTX 2070 SUPER	149.5
ASUS	ZenBook Pro Duo UX581GV	Intel Core i9-9980HK Intel Core i7-9750H	NVIDIA GeForce RTX 2060	136.8
ASUS	ASUSPRO P3540FA	Intel Core i7 8565UU Intel Core i5 8265U Intel Core i3 8145U	Intel HD Graphcis 620	131.1
ASUS	ASUSPRO P3540FB	Intel Core i7 8565UU Intel Core i5 8265U Intel Core i3 8145U	NVIDIA GeForce MX110	131.1
ASUS	ASUSPRO P2540FB	Intel Core i7 8565U Intel Core i5 8265U	NVIDIA GeForce MX110	150.6
ASUS	ASUSPRO P2540UA	Intel Core i7 7500U Intel Core i5 7200U Intel Core i3 7100U	Intel HD Graphcis 620	150.6
ASUS	ASUSPRO P2540FA	Intel Core i7 10510U Intel Core i5 10210U Intel Core i3-10110U	Intel UHD Graphics	150.6
ASUS	ASUSPRO P2540UB	Intel Core i7 8550U Intel Core i7 8250U	NVIDIA GeForce MX110	150.6
ASUS	M570DD	AMD Ryzen 7 3700U AMD Ryzen 5 3500U AMD Ryzen 3 3200U	Radeon RX 540X	148.6
ASUS	Laptop E502NA	Intel Celeron N3350 Intel Celeron N3450 Intel Pentium N4200	Intel HD Graphics	123.4

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	Laptop 15 M509BA	AMD A9-9425 AMD A6-9225 AMD E2-9000	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	131.2
ASUS	Laptop 15 M509DJ	AMD Ryzen 7 3700U AMD Ryzen 5 3500U AMD Ryzen 3 3200U	NVIDIA GeForce MX250	131.2
ASUS	Laptop 15 M509DL	AMD Ryzen 7 3700U AMD Ryzen 5 3500U AMD Ryzen 3 3200U	NVIDIA GeForce MX250	131.2
ASUS	Laptop 15 M509DA	AMD Ryzen 7 3700U AMD Ryzen 5 3500U AMD Ryzen 3 3200U	AMD Radeon RX Vega 10 AMD Radeon Vega 8 AMD Radeon Vega 3	131.2
ASUS	Laptop X507MA	Intel Celeron N5000 Intel Celeron N4100 Intel Pentium N4000	Intel UHD Graphics	150.5
ASUS	Laptop X571GT	Intel Core i7-9750H Intel Core i5-9300H	NVIDIA GeForce GTX 1650	137.9
ASUS	Laptop X571GD	Intel Core i7-9750H Intel Core i5-9300H	NVIDIA GeForce GTX 1050	137.9
ASUS	Laptop X570ZD	AMD Ryzen 7 2700U AMD Ryzen 5 2500U	NVIDIA GeForce GTX 1050	148.6
ASUS	Laptop X570UD	Intel Core i5 8250U Intel Core i7 8550U	NVIDIA GeForce GTX 1050	148.6
ASUS	Laptop X540BP	AMD A9-9425 AMD A6-9225 AMD E2-9000	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	147.8

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	Laptop X540MA	Intel Celeron N5000 Intel Celeron N4100 Intel Pentium N4000	Intel UHD Graphics	147.8
ASUS	Laptop X541SC	Intel Pentium N3710 Intel Celeron N3160 Intel Celeron N3060	NVIDIA GeForce 810M	148.5
ASUS	Laptop X541SA	Intel Pentium N3710 Intel Celeron N3160 Intel Celeron N3060	Intel HD Graphics	148.5
ASUS	Laptop X541UJ	Intel Core i7-7500U Intel Core i5-7200U Intel Core i3-6006U	NVIDIA GeForce 920M	148.5
ASUS	Laptop X541UV	Intel Core i7-6500U Intel Core i5-6200U Intel Core i3-6100U Intel Core i7-7500U Intel Core i5-7200U Intel Core i3-7100U	NVIDIA GeForce 920MX	148.5
ASUS	Laptop X541UA	Intel Core i7-6500U Intel Core i5-6200U Intel Core i3-6100U Intel Core i7-7500U Intel Core i5-7200U Intel Core i3-7100U	Intel HD Graphics 520	148.5
ASUS	Laptop X540NV	Intel Celeron N3450 Intel Celeron N3350 Intel Pentium N4200	NVIDIA GeForce 920MX	147.8

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	Laptop X540MB	Intel Celeron N5000 Intel Celeron N4100 Intel Pentium N4000	NVIDIA GeForce MX110	147.8
ASUS	Laptop X540UB	Intel Core i7-8550U Intel Core i5-8250U Intel Core i3-8130U Intel Pentium 4417U	NVIDIA GeForce MX110	147.8
ASUS	Laptop X540BA	AMD A9-9425 AMD A6-9225 AMD E2-9000	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	147.8
ASUS	Laptop X540LA	Intel Core i3-5020U Intel Core i3-5005U Intel Core i5-5200U Intel Core i7-5500U	Intel HD Graphics 4400	147.8
ASUS	Laptop X540YA	AMD E1-7010 AMD E2-7110 AMD A8-7410	AMD Radeon R5 Graphics AMD Radeon R2 Graphics	147.8
ASUS	Laptop X556UJ	Intel Core i7 6500U Intel i5 6200U Intel Core i3-6100U	NVIDIA GeForce 920M	152.7
ASUS	Laptop X556UA	Intel Core i7 7500U Intel i5 7200U Intel Core i3-7100U	Intel HD Graphics 520	152.7
ASUS	Laptop X556UR	Intel Core i7 6500U Intel Core i5-6200U Intel Core i3-6100U Intel Core i7-7500U Intel Core i7-7200U Intel Core i3-7100U	NVIDIA GeForce 930MX	152.7

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	Laptop X556UQ	Intel Core i7 6500U Intel Core i5-6200U Intel Core i3-6100U Intel Core i7-7500U Intel Core i7-7200U Intel Core i3-7100U	NVIDIA GeForce 940MX	152.7
ASUS	Laptop X556UV	Intel Core i7-6500U Intel Core i5-6200U Intel Core i3-6100U	NVIDIA GeForce 920MX	152.7
ASUS	Laptop X555YI	AMD A6-7310 AMD A4-7210 AMD E1-7010	AMD Radeon R4 Graphics AMD Radeon R3 Graphics AMD Radeon R2 Graphics	151.6
ASUS	Laptop X555YA	AMD A6-7310 AMD A4-7210 AMD E1-7010	AMD Radeon R4 Graphics AMD Radeon R3 Graphics AMD Radeon R2 Graphics	151.6
ASUS	Laptop X555DG	AMD A10-8700P AMD FX-8800P	AMD Radeon R7 Graphics AMD Radeon R6 Graphics	151.6
ASUS	Laptop X555BP	AMD A9-9410 AMD A6-9210 AMD E2-9010	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	151.6
ASUS	Laptop X555QA	AMD FX-9800P AMD A12-9700P AMD A10-9600P	AMD Radeon R7 Graphics AMD Radeon R5 Graphics	151.6
ASUS	Laptop X555QG	AMD FX-9800P AMD A12-9700P AMD A10-9600P	AMD Radeon R7 Graphics AMD Radeon R5 Graphics	151.6
ASUS	Laptop X555LJ	Intel Core i7-5500U Intel Core i5 Intel Core i3-5010U	NVIDIA GeForce 920M	151.6

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	Laptop X555LF	Intel Core i7-5500U Intel Core i5 Intel Core i3-5010U	NVIDIA GeForce 930M	151.6
ASUS	Laptop X543MB	Intel Celeron N5000 Intel Celeron N4100 Intel Pentium N4000	NVIDIA GeForce MX110	147.8
ASUS	Laptop X543MA	Intel Pentium N5000 Intel Celeron N4000 Intel Celeron N4100	Intel UHD Graphics 600 Intel UHD Graphics 605	147.8
ASUS	Laptop X543BP	AMD A9-9425 AMD A6-9225 AMD E2-9000	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	147.8
ASUS	Laptop X543BA	AMD A9-9425 AMD A6-9225 AMD E2-9000	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	147.8
ASUS	Laptop X543UA	Intel Core i7-8550U Intel Core i5-8250U Intel Core i3-8130U Intel Pentium 4417U	Intel UHD Graphics 620	147.8
ASUS	Laptop X543UB	Intel Core i7-8550U Intel Core i5-8250U Intel Core i3-8130U Intel Pentium 4417U	NVIDIA GeForce MX110	147.8
ASUS	Laptop 15 X545FA	Intel Core i7-10510U Intel Core i5-10210U	Intel UHD Graphics	130.5
ASUS	Laptop 15 X545FB	Intel Core i7-10510U Intel Core i5-10210U	NVIDIA GeForce MX110	130.5

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	Laptop 15 X545FJ	Intel Core i7-10510U Intel Core i5-10210U	NVIDIA GeForce MX130	130.5
ASUS	X560UD	Intel Core i5 8250U Intel Core i7 8550U	NVIDIA GeForce GTX 1050	146.2
ASUS	Laptop X507LA	Intel Core i3 5005U	Intel HD Graphics 4400	150.5
ASUS	Laptop X507UA	Intel Core i3 6006U Intel Core i5 7200U Intel Core i7 7500U Intel Core i3 7020U Intel Core i3 8250U Intel Core i5 8250U Intel Core i7 8550U	Intel HD Graphics 520 Intel HD Graphics 620 Intel UHD Graphics 620	150.5
ASUS	Laptop X507UB	Intel Core i3 6006U Intel Core i5 7200U Intel Core i7 7500U Intel Core i3 7020U Intel Core i3 8250U Intel Core i5 8250U Intel Core i7 8550U	NVIDIA GeForce MX110	150.5
ASUS	Laptop X507UF	Intel Core i3 6006U Intel Core i5 7200U Intel Core i7 7500U Intel Core i3 7020U Intel Core i3 8250U Intel Core i5 8250U Intel Core i7 8550U	NVIDIA GeForce MX130	150.5
ASUS	Laptop 15 X509UJ	Intel Core i3-7020U Intel Pentium 4417U	NVIDIA GeForce MX230	131.2

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	Laptop 15 X509JB	Intel Core i3 1005G1 Intel Core i5 1035G1 Intel Core i7 1065G7	NVIDIA GeForce MX110	131.2
ASUS	Laptop 15 X509UB	Intel Core i3-7020U Intel Pentium 4417U	NVIDIA GeForce MX110	131.2
ASUS	Laptop 15 X509FB	Intel Core i7-8565U Intel Core i5-8265U Intel Core i3-8145U	NVIDIA GeForce MX110	131.2
ASUS	Laptop 15 X509FL	Intel Core i7-8565U Intel Core i5-8265U Intel Core i3-8145U	NVIDIA GeForce MX250	131.2
ASUS	Laptop 15 X509FJ	Intel Core i7-8565U Intel Core i5-8265U Intel Core i3-8145U	NVIDIA GeForce MX230	131.2
ASUS	Laptop 15 X509FA	Intel Core i7-8565U Intel Core i5-8265U Intel Core i3-8145U	Intel UHD Graphics 620	131.2
ASUS	Laptop 15 X509UA	Intel Core i3 7020U Intel Pentium 4417U	Intel HD Graphics 620	131.2
ASUS	Laptop 15 X509MA	Intel Celeron N4000 Intel Celeron N4100 Intel Pentium Silver N5000	Intel UHD Graphics	131.2
ASUS	Laptop 15 X509JA	Intel Core i3 1005G1 Intel Core i5 1035G1 Intel Core i7 1065G7	Inte UHD Graphics	131.2

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	VivoBook X541NA	Intel Celeron N3350 Intel Celeron N3450 Intel Pentium N4200	Intel HD Graphics	148.5
ASUS	VivoBook 15 X505ZA	AMD Ryzen 7 2700U AMD Ryzen 5 2500U AMD Ryzen 3 2300U AMD Ryzen 3 2200U	AMD Radeon RX Vega 10 AMD Radeon Vega 8 AMD Radeon Vega 6 AMD Radeon Vega 3	136.3
ASUS	VivoBook 15 X542UR	Intel Core i5-7200U Intel Core i7-7500U Intel Core i3-7100U	NVIDIA GeForce 930MX	147.8
ASUS	VivoBook 15 X542BP	AMD A9-9420 AMD A6-9220 AMD E2-9000	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	147.8
ASUS	VivoBook 15 X542BA	AMD A9-9420 AMD A6-9220 AMD E2-9000	AMD Radeon R5 Graphics AMD Radeon R4 Graphics AMD Radeon R2 Graphics	147.8
ASUS	VivoBook 15 X510QR	AMD FX-9800P AMD A12-9720P	AMD Radeon 535	136.3
ASUS	VivoBook S15 S510UA	Intel Core i7 7500U Intel Core i5 7200U Intel Core i3 7100U Intel Core i7-8550U Intel Core i5-8250U	Intel HD Graphics	136.3
ASUS	VivoBook Pro 15 N580VD	Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 1050	150.6
ASUS	VivoBook S15 S530FA	Intel Core i7-8565U Intel Core i5-8265U Intel Core i3-8145U	Intel UHD Graphics 620	136.2

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
ASUS	VivoBook 15 X512UB	Intel Core i5-8250U Intel Core i3-8130U Intel Core i3-7020U Intel Pentium 4417U	NVIDIA GeForce MX110	127.4
ASUS	VivoBook 15 X512FA	Intel Core i7-8565U Intel Core i5-8265U Intel Core i3-8145U	Intel HD Graphics	127.4
ASUS	VivoBook 15 X512FB	Intel Core i7-8565U Intel Core i5-8265U Intel Core i3-8145U	NVIDIA GeForce MX110	127.4
ASUS	VivoBook 15 X510UR	Intel Core i7-8550U Intel Core i7-8250U Intel Core i7-7500U Intel Core i5-7200U Intel Core i3-7100U	NVIDIA GeForce 930MX	136.2
ASUS	VivoBook S15 S530UA	Intel Core i5-8250U Intel Core i3-8130U	Intel UHD Graphics 620	136.2
ASUS	VivoBook S15 S533FA	Intel Core i5-10210U	Intel UHD Graphics	130.4
ASUS	VivoBook S15 S533FL	Intel Core i7-10510U Intel Core i5-10210U	NVIDIA GeForce MX250	130.4
ASUS	VivoBook Pro 15 N580GD	Intel Core i7-8750H Intel Core i5-8300H	NVIDIA GeForce GTX 1050	150.8
ASUS	ProArt StudioBook Pro 15 W500G5T	Intel Core i7-9750H	NVIDIA Quadro RTX5000 with Max-Q	140.6
ASUS	ProArt StudioBook Pro 15 H500GV	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	140.6

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Chuwi				
CHUWI	LapBook Plus	Intel Atom X7-E3950	Intel HD Graphics 505	135.7
CHUWI	LapBook 15.6	Intel Atom x5-Z8350	Intel Graphics	138.1
Dynabook (Formerly Toshiba)				
Dynabook	Tecra A50 F1520	Intel Core i5-8265U	Intel UHD Graphics 620	152.0
Dynabook	Tecra A50 EC1520	Intel Core i5-8250U	Intel UHD Graphics 620	152.0
Dynabook	Tecra A50 F1521	Intel Core i5-8265U	Intel UHD Graphics 620	152.0
Dynabook	Tecra A50 EC1525	Intel Core i7-8550U	Intel UHD Graphics 620	152.0
Dynabook	Tecra A50 F1525	Intel Core i7-8565U	Intel UHD Graphics 620	152.0
Dynabook	Tecra A50 F1528	Intel Core i7-8565U	Intel UHD Graphics 620	152.0
Dynabook	Tecra A50 EC1528	Intel Core i7-8550U	Intel UHD Graphics 620	152.0
Dynabook	Tecra X50 F-BTO	Intel Core i5-8265U Intel Core i5-8365U Intel Core i7-8565U Intel Core i7-8665U	Intel UHD Graphics 620	138.2
Fujitsu				
Fujitsu	Lifebook E559	Intel Core i5-8265U Intel Core i3-8145U	Intel UHD Graphics 620	150.4

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Fujitsu	Lifebook U759	Intel Core i5-8265U	Intel UHD Graphics 620	150.4
HP				
HP	250 G7	Intel Core i5-8265U	Intel UHD Graphics 620	143.3
HP	255 G7	AMD Ryzen 3 2200U	AMD Radeon Vega 3 Graphics	143.3
HP	OMEN 15t	Intel Core i7-9750H Intel Core i5-9300H	NVIDIA GeForce GTX 1650 NVIDIA GeForce RTX 2060 NVIDIA GeForce GTX 1660Ti NVIDIA GeForce RTX 2070	146.7
HP	OMEN X 2S	Intel Core i7-9750H Intel Core i9-9880H	NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2080	146.9
HP	OMEN 15-dh001nr	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	145.1
HP	OMEN X 2S RTX Studio	Intel Core i7-9750H	NVIDIA GeForce RTX 2070	146.9
HP	OMEN RTX Studio	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	145.1
HP	Pavilion Gaming laptop 15t	Intel Core i7-9750H Intel Core i5-9300H	NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1050 NVIDIA GeForce GTX 1660Ti	142.8
HP	Pavilion Gaming laptop 15z	AMD Ryzen 5 3550H AMD Ryzen 7 3750H	NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1050 NVIDIA GeForce GTX 1660Ti	143.4
HP	Pavilion 15-cs1067nr	Intel Core i7-8550U	Intel UHD Graphics 620	137.7
HP	HP Gaming Pavilion 15-dk0030nr	Intel Core i7-9750H	NVIDIA GeForce GTX 1660	142.7
HP	HP Gaming Pavilion 15-dk0046nr	Intel Core i7-9750H	NVIDIA GeForce GTX 1660	142.7
HP	Laptop 15t	Intel Core i7-8565U	NVIDIA GeForce MX250	134.3

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
HP	Laptop 15z	AMD Ryzen 3 3200U AMD Ryzen 5 3500U	AMD Radeon Vega 3 Graphics AMD Radeon Vega 8 Graphics	143.4
HP	Pavilion 15t	Intel Core i7-8565U	NVIDIA GeForce MX250	137.7
HP	Pavilion 15z Touch	AMD Ryzen 5 3500U AMD Ryzen 7 3700U	AMD Radeon Vega 8 Graphics AMD Radeon Vega 10 Graphics	137.7
HP	EliteBook 850 G5	Intel Core i7-8650U Intel Core i5-8250U	AMD Radeon RX 540	144.7
HP	EliteBook 850 G6	Intel Core i5-8265U Intel Core i5-8365U Intel Core i5-8565U Intel Core i5-8665U	AMD Radeon RX 550X	144.7
HP	ProBook 450 G6	Intel Core i7-8565U	NVIDIA GeForce MX130	145.3
HP	ProBook 450 G7	Intel Celeron 5250U Intel Core i3-10110U Intel Core i5-10210U Intel Core i7-10510U	NVIDIA GeForce MX130 NVIDIA GeForce MX250	145.3
HP	ProBook 455R G6	AMD Ryzen 3 3200U AMD Ryzen 3 3300U AMD Ryzen 5 3500U AMD Ryzen 7 3700U	AMD Radeon RX Vega 10 AMD Radeon Vega 8 AMD Radeon Vega 6 AMD Radeon Vega 3	145.3
HP	ProBook 650 G5	Intel Core i7-8565U	Intel UHD Graphics 620	150.3
HP	Zbook 15u G6	Intel Core i5-8265U	AMD Radeon Pro WX 3200	144.7
HP	Zbook 15 G6	Intel Core i5-9300H Intel Core i5-9400H Intel Core i7-9750H Intel Core i7-9850H Intel Core i9-9880H Intel Xeon E 2286M	NVIDIA Quadro T1000 NVIDIA Quadro T2000 NVIDIA Quadro RTX 3000	153.9

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
HP	Zbook 15v G5	Intel Core i5-9300H Intel Core i5-8300H Intel Core i5-9400H Intel Core i5-8400H Intel Core i7-9750H Intel Core i7-8750H Intel Core i7-8850H Intel Core i9-9880H Intel Xeon E 2176M	NVIDIA Quadro P600	145.1
HP	Zbook Studio G5 Mobile Workstation	Intel Core i5-8300H Intel Core i5-9400H Intel Core i7-8750H Intel Core i7-9750H Intel Core i7-9850H Intel Core i9-9880H Intel Core i7-9850H Intel Core i9-8950HK Intel Core i9-9980HK Intel Xeon E 2176M Intel Xeon E 2186M	NVIDIA Quadro P1000 NVIDIA Quadro P2000	141.7
Huawei				
Huawei	MateBook D 15	Intel Core i5-10210U	NVIDIA GeForce MX250	127.5
Lenovo				
Lenovo	Ideapad S145 (Intel)	Intel Core i3-8145U Intel Pentium Gold 5405U	Intel UHD Graphics	141.2
Lenovo	Ideapad S145 (AMD)	AMD A9-9425 AMD A6-9225 AMD A4-9125	AMD Radeon Graphics	141.2

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Lenovo	Ideapad S340 (Intel)	Intel Core i5-1035G1U Intel Core i5-8265U	Intel UHD Graphics	135.4
Lenovo	Ideapad S340 (AMD)	AMD Ryzen 3 3200U AMD Ryzen 5 3500U	AMD Radeon Vega 8 AMD Radeon Vega 3	135.4
Lenovo	Ideapad 5 15"	Intel Core i5-1035G1 Intel Core i7-1065G7	NVIDIA GeForce MX350	129.2
Lenovo	Ideapad L340 (Gaming Laptop)	Intel Core i5-9300H Intel Core i7-9750H	NVIDIA GeForce GTX 1050 NVIDIA GeForce GTX 1650	143.0
Lenovo	Ideapad L340 (Intel)	Intel Pentium Gold 5405U Intel Core i3-8145U Intel Core i5-8265U	Intel UHD Graphics	143.0
Lenovo	Ideapad L340 (AMD)	AMD Ryzen 3 3200U AMD Ryzen 5 3500U	AMD Radeon Vega 8 AMD Radeon Vega 3	143.0
Lenovo	Ideapad S540	Intel Core i5-10210U Intel Core i7-8565U	Intel UHD Graphics	135.4
Lenovo	Ideapad Slim 7 15"	Intel Core i7-1065G7	NVIDIA GeForce MX350	126.0
Lenovo	Ideapad S740	Intel Core i7-9750H	NVIDIA GeForce GTX 1650	129.7
Lenovo	Legion Y540	Intel Core i5-9300H Intel Core i7-9750H	NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1660Ti NVIDIA GeForce RTX 2060	146.9
Lenovo	Legion Y545	Intel Core i5-9300H Intel Core i7-9750H	NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1660Ti NVIDIA GeForce RTX 2060	149.3
Lenovo	Legion Y740	Intel Core i7-8750H	NVIDIA GeForce RTX 20170	149.1
Lenovo	ThinkPad P1 Gen 2	Intel Core i9-9850H Intel Xeon E-2276M	NVIDIA Quadro T1000 NVIDIA Quadro T2000	137.7

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Lenovo	ThinkPad P53	Intel Core i9-9850H Intel Xeon E-2276M	NVIDIA Quadro T1000 NVIDIA Quadro T2000 NVIDIA Quadro RTX 3000 NVIDIA Quadro RTX 4000 NVIDIA Quadro RTX 5000	146.8
Lenovo	ThinkPad P53s	Intel Core i7-8665U	NVIDIA Quadro P520	140.5
Lenovo	ThinkPad E595	AMD Ryzen 3 3200U AMD Ryzen 5 3500U AMD Ryzen 7 3700U	AMD Radeon RX Vega 10 AMD Radeon Vega 8 AMD Radeon Vega 3	143.6
Lenovo	ThinkPad T580	Intel Core i7-8650U	Intel UHD Graphics	142.6
Lenovo	ThinkPad T590	Intel Core i7-8665U Intel Core i5-8365U	NVIDIA GeForce MX250	140.5
Lenovo	ThinkPad L590	Intel Core i7-8665U Intel Celeron 4305U	AMD Radeon 535	148.5
Lenovo	ThinkPad X1 Extreme Gen 2	Intel Core i5-9300H Intel Core i5-9400H Intel Core i7-9750H Intel Core i7-9850H Intel Core i9-9880H	NVIDIA GeForce GTX 1650 Max-Q	137.7
Lenovo	ThinkPad E15	Intel Core i3-10110U Intel Core i5-10210U Intel Core i7-10510U	AMD Radeon RX 640	139.6
Lenovo	ThinkBook 15	Intel Core i7-1065G7	Intel Iris Plus	138.3
LG				
LG	gram (15Z90N)	Intel Core i5-1035G7	Intel Iris Plus	125.5

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
LG	gram (15Z980)	Intel Core i7-8550U	Intel UHD Graphics 620	126.9
LG	gram (15Z990)	Intel Core i7-8565U	Intel UHD Graphics 620	126.9
LG	gram (15Z975)	Intel Core i5-8250U	Intel UHD Graphics 620	126.9
LG	gram (15Z970)	Intel Core i5-7200U	Intel HD Graphics 620	126.9
Microsoft				
Microsoft	Surface Laptop 3 15"	AMD Ryzen 5 3580U AMD Ryzen 7 3780U	AMD Radeon Vega 9 AMD Radeon RX Vega 11	128.6
Microsoft	No 14" offerings			0.0
Panasonic	-			
Panasonic	No 15" offerings			0.0
	-			
Razer	-			
Razer	Blade 15	Intel Core i7-8750H Intel Core i7-9750H	NVIDIA GeForce GTX 1660 Ti NVIDIA GeForce RTX 2060 NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2080 NVIDIA Quadro RTX 5000	129.3
Razer	No 14" offerings			0.0
Sager	-			
Sager	NP6855	Intel Core i9-9750H	NVIDIA GeForce GTX 1650	144.4

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Sager	NP6856	Intel Core i7-9750H	NVIDIA GeForce GTX 1660Ti	144.4
Sager	NP8454	Intel Core i7-9750H Intel Core i9-9980HK	NVIDIA GeForce RTX 2070	143.6
Sager	NP9156-G3	Intel Core i5-9600K Intel Core i7-9700K Intel Core i9-9900K	NVIDIA GeForce RTX 2060 NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2080	156.9
Sager	NP9156-G2	Intel Core i5-9600K Intel Core i7-9700K Intel Core i9-9900K	NVIDIA GeForce RTX 2060 NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2080	156.9
Sager	NP9156-G1	Intel Core i5-9600K Intel Core i7-9700K Intel Core i9-9900K	NVIDIA GeForce RTX 2060 NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2080	156.9
Sager	NP3156	Intel Core i5-10210U Intel Core i7-10510U	Intel UHD Graphics	136.6
Samsung				
Samsung	Notebook 5 NP550XTA-K01US	AMD Ryzen 5 2500U	AMD Radeon Vega 8 Graphics	144.1
Samsung	Notebook 7 NP750XBE-X01US	Intel Core i7-8565U	NVIDIA GeForce MX250	132.7
Samsung	Notebook 7 (NP750XBE-K01US)	Intel Core i7-8565U	Intel UHD Graphics 620	132.7
Samsung	Notebook 7 (NP750XBE-K02US)	Intel Core i7-8565U	NVIDIA GeForce MX250	132.7
Samsung	Notebook 7 Force NP760XBE-X01US	Intel Core i7-8565U	NVIDIA GeForce GTX 1650	148.5

Brand	Model	Processor	Discrete graphics card	Total area (sq. in.)
Samsung	Notebook 9 NP900X5L-K02US	Intel Core i7-6500U	Intel HD Graphics 520	127.1
Samsung	Notebook Odyssey NP850XBC-X02US	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	150.0
Samsung	Notebook Odyssey NP850XBC-X01US	Intel Core i7-8750H	NVIDIA GeForce RTX 2060	150.0
Samsung	Notebook Odyssey NP850XBD-X02US	Intel Core i7-9750H	NVIDIA GeForce GTX 1650	150.0
Samsung	Notebook Odyssey Z NP850XAC-X01US	Intel Core i7-8750H	NVIDIA GeForce GTX 1060	148.5

Table 1. Processor, discrete graphics card, and total area. All links and data current as of 05/19/2020.

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Dell				
Dell	XPS 15 (9500)	15.6	92.9%	25 hours (86WHr battery)
Dell	Latitude 15 (9510)	15.0	Not reported	34 hours
Acer				
Acer	Aspire 3 (A315-21-95KF)	15.6	Not reported	5.5 hours
Acer	Aspire 3 (A315-51-31RD)	15.6	Not reported	6.5 hours
Acer	Aspire 3 (A315-41-R3RF)	15.6	Not reported	6 hours
Acer	Aspire 3 (A315-53-52CF)	15.6	Not reported	No official claim
Acer	Aspire 3 (A315-53-57WF)	15.6	Not reported	No official claim
Acer	Aspire 3 (A315-41-R3BW)	15.6	Not reported	No official claim
Acer	Aspire 3 (A315-41-R132)	15.6	Not reported	No official claim
Acer	Aspire 3 (A315-41-R98U)	15.6	Not reported	No official claim
Acer	Aspire 3 (A315-41-R14K)	15.6	Not reported	No official claim
Acer	Aspire 3 (A315-32-C0S5)	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Acer	Aspire 3 (A315-32-C3KK)	15.6	Not reported	No official claim
Acer	Aspire 3 (A315-53-578V)	15.6	Not reported	7 hours
Acer	Aspire 3 (A315-53-59PF)	15.6	Not reported	7 hours
Acer	Aspire 3 (A315-53-35ZY)	15.6	Not reported	7 hours
Acer	Aspire 3 (A315-53-32TF)	15.6	Not reported	7 hours
Acer	Aspire 3 (A315-21-90LC)	15.6	Not reported	5.5 hours
Acer	Aspire 3 (A315-53-56ER)	15.6	Not reported	7 hours
Acer	Aspire 3 (A315-54-530D)	15.6	Not reported	8 hours 30 minutes
Acer	Aspire 3 (A315-21G-27XB)	15.6	Not reported	5.5 hours
Acer	Aspire 3 (A315-56-59DU)	15.6	Not reported	9.5 hours
Acer	Aspire 3 (A315-56-533A)	15.6	Not reported	8 hours
Acer	Aspire 3 (A315-56-38MZ)	15.6	Not reported	9.5 hours
Acer	Aspire 5 (A515-43-R19L)	15.6	Not reported	7 hours

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Acer	Aspire 5 (A515-54-51DJ)	15.6	Not reported	11 hours
Acer	Aspire 5 (A515-54G-70TZ)	15.6	Not reported	11 hours
Acer	Aspire 5 (A515-54G-54QQ)	15.6	Not reported	11 hours
Acer	Aspire 5 (A515-54-55ZD)	15.6	Not reported	9.5 hours
Acer	Aspire 5 (A515-54-79J5)	15.6	Not reported	11 hours
Acer	Aspire 5 (A515-54-597W)	15.6	Not reported	9.5 hours
Acer	Aspire 5 (A515-54G-73WC)	15.6	Not reported	9.5 hours
Acer	Aspire 5 (A515-51-523X)	15.6	Not reported	7 hours
Acer	Aspire 5 (A515-43-R4Z2)	15.6	Not reported	7 hours
Acer	Aspire 5 (A515-54-75VH)	15.6	Not reported	11 hours
Acer	Aspire 5 (A515-52-368R)	15.6	Not reported	7 hours
Acer	Aspire 5 (A515-54G-797L)	15.6	Not reported	11 hours
Acer	Aspire 5 (A515-54-5649)	15.6	Not reported	11 hours

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Acer	Aspire 5 (A515-52-760G)	15.6	Not reported	7 hours
Acer	Aspire 5 (A515-52-53QM)	15.6	Not reported	7 hours
Acer	Aspire 5 (A515-54-76TA)	15.6	Not reported	11 hours
Acer	Aspire 5 (A515-55-588C)	15.6	Not reported	9.5 hours
Acer	Aspire 5 (A515-51G-53F6)	15.6	Not reported	7 hours
Acer	Aspire 5 (A515-54-50CY)	15.6	Not reported	11 hours
Acer	Aspire 5 (A515-54G-73Q2)	15.6	Not reported	11 hours
Acer	Aspire 5 (A515-54-55AA)	15.6	Not reported	11 hours
Acer	Aspire 7 (A715-72G-79R9)	15.6	Not reported	No official claim
Acer	Aspire 7 (A715-73G-75BW)	15.6	Not reported	7 hours
Acer	Aspire 7 (A715-73G-726G)	15.6	Not reported	7 hours
Acer	Aspire 7 (A715-72G-739V)	15.6	Not reported	No official claim
Acer	Aspire 7 (A715-74G-71WS)	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Acer	Aspire 7 (A715-74G-73QX)	15.6	Not reported	7 hours
Acer	Aspire 7 (A715-41G-R7X4)	15.6	Not reported	7 hours
Acer	Aspire 7 (A715-75G-544V)	15.6	Not reported	8.5 hours
Acer	Nitro 5 (AN515-53-70AQ)	15.6	Not reported	No official claim
Acer	Nitro 5 (AN515-42-R5ED)	15.6	Not reported	No official claim
Acer	Nitro 5 (AN515-54-54W2)	15.6	Not reported	8 Hours
Acer	Nitro 5 (AN515-54-51M5)	15.6	Not reported	8 Hours
Acer	Nitro 5 (AN515-43-R0YM)	15.6	Not reported	7 hours
Acer	Nitro 5 (AN515-43-R1QT)	15.6	Not reported	7 hours
Acer	Nitro 5 (AN515-55-53AG)	15.6	Not reported	8 Hours
Acer	Predator Helios 300 (PH315-52-78VL)	15.6	Not reported	No official claim
Acer	Predator Helios 300 (PH315-52-72RG)	15.6	Not reported	No official claim
Acer	Predator Helios 300 (PH315-52-72EV)	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Acer	Predator Triton 500 (PT515-51-75BH)	15.6	Not reported	No official claim
Acer	Predator Triton 500 (PT515-51-7848)	15.6	Not reported	No official claim
Acer	Predator Triton 500 (PT515-51-75Q2)	15.6	Not reported	8 hours
Acer	Predator Triton 500 (PT515-51-73Z5)	15.6	Not reported	No official claim
Acer	Predator Triton 500 (PT515-51-7746)	15.6	Not reported	8 hours
Acer	Swift 3 (SF315-52-52YN)	15.6	Not reported	10 hours
Acer	Swift 3 (SF315-52-51NV)	15.6	Not reported	10 hours
Acer	Swift 3 (SF315-52G-55MH)	15.6	Not reported	10 hours
Acer	Swift 5 (SF515-51T-507P)	15.6	Not reported	10 hours
Acer	Swift 5 (SF515-51T-53AY)	15.6	Not reported	10 hours
Acer	TravelMate P2 (TMP2510-G2-M-320E)	15.6	Not reported	No official claim
Acer	TravelMate P2 (TMP2510-G2-M-56AT)	15.6	Not reported	No official claim
Acer	TravelMate P2 (TMP2510-G2-M-317P)	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Acer	TravelMate P2 (TMP215-51-51RB)	15.6	Not reported	No official claim
Acer	TravelMate P2 (TMP215-51-56BF)	15.6	Not reported	No official claim
Acer	TravelMate P6 (TMP658-MG-749P)	15.6	Not reported	No official claim
Acer	ConceptD 7 (CN715-71-70LR)	15.6	81.0%	No official claim
Acer	ConceptD 7 (CN715-71-73A9)	15.6	81.0%	No official claim
Acer	ConceptD 7 (CN715-71-77QK)	15.6	81.0%	No official claim
Acer	ConceptD 7 (CN715-71-71TE)	15.6	81.0%	No official claim
Acer	ConceptD 5 (CN515-51-72FX)	15.6	80.0%	7 hours
Acer	ConceptD 5 (CN515-71-712T)	15.6	80.0%	6 hours
Acer	ConceptD 3 Pro (CN315-71P-78QP)	15.6	Not reported	10 hours
GIGABYTE (Formerly Aorus)				
GIGABYTE	Aorus 15-W9	15.6	Not reported	No official claim
GIGABYTE	Aorus 15-X9	15.6	Not reported	No official claim
GIGABYTE	Aorus 15-XA	15.6	Not reported	No official claim
GIGABYTE	Aorus 15-WA	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
GIGABYTE	Aorus 15-SA	15.6	Not reported	No official claim
GIGABYTE	Aorus 5-GA	15.6	Not reported	No official claim
GIGABYTE	Aorus 5-NA	15.6	Not reported	No official claim
GIGABYTE	Aorus 5 KB	15.6	Not reported	No official claim
GIGABYTE	Aorus 5 SB	15.6	Not reported	No official claim
GIGABYTE	Aorus 5 MB	15.6	Not reported	No official claim
GIGABYTE	Aorus 15G YB	15.6	Not reported	No official claim
GIGABYTE	Aorus 15G XB	15.6	Not reported	No official claim
GIGABYTE	Aorus 15G WB	15.6	Not reported	No official claim
GIGABYTE	Aorus 15G KB	15.6	Not reported	No official claim
GIGABYTE	Aorus 15G SB	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED YB	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED XB	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED WB	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED KB	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED SB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED YB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED XB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED WB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED KB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED SB	15.6	Not reported	No official claim
GIGABYTE	AERO 15S YB	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
GIGABYTE	AERO 15S XB	15.6	Not reported	No official claim
GIGABYTE	AERO 15S WB	15.6	Not reported	No official claim
GIGABYTE	AERO 15S KB	15.6	Not reported	No official claim
GIGABYTE	AERO 15S SB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 YB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 XB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 WB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 KB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 SB	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED YA	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED XA	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED WA	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED SA	15.6	Not reported	No official claim
GIGABYTE	AERO 15 OLED NA	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED YA	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED XA	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED WA	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED SA	15.6	Not reported	No official claim
GIGABYTE	AERO 15S OLED NA	15.6	Not reported	No official claim
GIGABYTE	AERO 15 XA	15.6	Not reported	No official claim
GIGABYTE	AERO 15S XA	15.6	Not reported	No official claim
GIGABYTE	AERO 15S WA	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
GIGABYTE	AERO 15S SA	15.6	Not reported	No official claim
GIGABYTE	AERO 15 Classic-YA	15.6	Not reported	No official claim
GIGABYTE	AERO 15 Classic-XA	15.6	Not reported	No official claim
GIGABYTE	AERO 15 Classic-WA	15.6	Not reported	No official claim
GIGABYTE	AERO 15 Classic-SA	15.6	Not reported	No official claim
GIGABYTE	AERO 15-Y9	15.6	Not reported	No official claim
GIGABYTE	AERO 15-X9	15.6	Not reported	No official claim
GIGABYTE	AERO 15-W9	15.6	Not reported	No official claim
GIGABYTE	AERO 15-X8	15.6	Not reported	No official claim
GIGABYTE	AERO 15-W8	15.6	Not reported	No official claim
ASUS				
ASUS	FX503	15.6	Not reported	No official claim
ASUS	TUF Gaming FX505GT	15.6	Not reported	No official claim
ASUS	FX570	15.6	Not reported	10 hours movie playback
ASUS	TUF Gaming FX502VD	15.6	Not reported	No official claim
ASUS	TUF Gaming F15	15.6	Not reported	No official claim
ASUS	TUF Gaming FX504	15.6	Not reported	No official claim
ASUS	TUF Gaming A15	15.6	Not reported	No official claim
ASUS	FX753VE	15.6	Not reported	No official claim
ASUS	TUF Gaming FX505DD/DT/DU	15.6	Not reported	4 hours 6 minutes: PCMark 8 Work mode

Brand	Model	Screen size	Screen-to-body ratio	Battery life
				4 hours 20 minutes: Web Browsing 6 hours 15 minutes: Video Playback 1080p 10 hours 33 minutes: Maximum Runtime (Reader)
ASUS	ZenBook Pro UX550VE	15.6	83.0%	10 hours
ASUS	ZenBook Pro 15 UX550GD	15.6	83.0%	9 hours
ASUS	ZenBook Pro 15 UX580GD	15.6	83.0%	9.5 hours
ASUS	ZenBook Pro 15 UX550GE	15.6	83.0%	9 hours
ASUS	ZenBook Pro 15 UX580GE	15.6	83.0%	9.5 hours
ASUS	ZenBook 15 UX533FN	15.6	92.0%	16 hours
ASUS	ZenBook Pro UX550VD	15.6	83.0%	14 hours
ASUS	ZenBook 15 UX533FD	15.6	92.0%	17 hours
ASUS	ZenBook UX510UX	15.6	Not reported	No official claim
ASUS	ZenBook UX510UW	15.6	Not reported	No official claim
ASUS	ZenBook 15 UX534FT	15.6	92.0%	14.9 hours
ASUS	ZenBook UX530UX	15.6	81.0%	9 hours
ASUS	ZenBook 15 UX534FTC	15.6	92.0%	No official claim
ASUS	ZenBook 15 UX534FA	15.6	92.0%	16.4 hours
ASUS	ZenBook 15 UX534FAC	15.6	92.0%	No official claim
ASUS	ZenBook 15 UX533FAC	15.6	92.0%	17.7 hours
ASUS	ZenBook 15 UX533FTC	15.6	92.0%	17.7 hours

Brand	Model	Screen size	Screen-to-body ratio	Battery life
ASUS	VivoBook 15 X505BP	15.6	81.0%	No official claim
ASUS	VivoBook 15 X505BA	15.6	81.0%	No official claim
ASUS	VivoBook S15 S510UQ	15.6	80.0%	No official claim
ASUS	VivoBook S15 S510UN	15.6	80.0%	No official claim
ASUS	VivoBook Pro 15 N580VD	15.6	Not reported	No official claim
ASUS	VivoBook 15 X512DA	15.6	88.0%	No official claim
ASUS	VivoBook S15 S532FL	15.6	88.0%	No official claim
ASUS	VivoBook 15 X512UF	15.6	88.0%	No official claim
ASUS	VivoBook 15 X512FL	15.6	88.0%	No official claim
ASUS	VivoBook Pro 15 N580GD	15.6	Not reported	No official claim
ASUS	VivoBook S15 S531FL	15.6	88.0%	No official claim
ASUS	VivoBook 15 X540UA	15.6	Not reported	No official claim
ASUS	VivoBook 15 X510UA	15.6	80.0%	No official claim
ASUS	VivoBook S15 S530UF	15.6	86.0%	No official claim
ASUS	VivoBook 15 X542UQ	15.6	Not reported	No official claim
ASUS	VivoBook 15 X542UA	15.6	Not reported	No official claim
ASUS	VivoBook Pro 15 N552VW	15.6	Not reported	No official claim
ASUS	VivoBook 15 X542UF	15.6	Not reported	No official claim
ASUS	VivoBook 15 X510UF	15.6	80.0%	No official claim
ASUS	VivoBook S15 S530UN	15.6	86.0%	No official claim
ASUS	VivoBook 15 X540NA	15.6	Not reported	No official claim
ASUS	VivoBook S15 S510UF	15.6	80.0%	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
ASUS	VivoBook 15 X512UA	15.6	88.0%	No official claim
ASUS	VivoBook 15 X510QA	15.6	80.0%	No official claim
ASUS	VivoBook S15 S531FA	15.6	88.0%	No official claim
ASUS	VivoBook 15 X512DK	15.6	88.0%	No official claim
ASUS	VivoBook 15 X542UN	15.6	Not reported	No official claim
ASUS	VivoBook Pro 15 N552VX	15.6	Not reported	No official claim
ASUS	VivoBook X510UN	15.6	80.0%	No official claim
ASUS	VivoBook 15 X510UQ	15.6	80.0%	No official claim
ASUS	VivoBook S15 S532FA	15.6	88.0%	No official claim
ASUS	VivoBook 15 X512FJ	15.6	88.0%	No official claim
ASUS	VivoBook 15 X512JA	15.6	88.0%	No official claim
ASUS	VivoBook 15 X512JP	15.6	88.0%	No official claim
ASUS	TUF Gaming FX505DV	15.6	Not reported	5.3 hours Video playback 1080p
ASUS	TUF Gaming FX505DY	15.6	Not reported	No official claim
ASUS	TUF Gaming FX505	15.6	Not reported	No official claim
ASUS	ROG GL553VD	15.6	Not reported	No official claim
ASUS	ROG GL552VX	15.6	Not reported	No official claim
ASUS	ROG GL553VE	15.6	Not reported	No official claim
ASUS	ROG Strix G	15.6	Not reported	No official claim
ASUS	ROG Strix G15 (G512LWS) (G512LW)	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
	(G512LV) (G512LU) (G512LI)			
ASUS	ROG GL503	15.6	Not reported	No official claim
ASUS	ROG Strix Hero Edition	15.6	Not reported	No official claim
ASUS	ROG Strix SCAR II (GL504GW) (GL504GV)	15.6	Not reported	No official claim
ASUS	ROG Strix SCAR II (G532LWS) (G532LW) (G532LV)	15.6	Not reported	No official claim
ASUS	ROG Strix Hero II	15.6	Not reported	No official claim
ASUS	ROG Strix Hero III (G531GW) (G531GV) (G531GU)	15.6	Not reported	No official claim
ASUS	ROG ZEPHYRUS S15 (GX502LXS) (GX502LWS)	15.6	81.0%	106 minutes Web browsing 174 minutes 1080p video playback
ASUS	ROG ZEPHYRUS M15 (GU502LW) (GU502LV)	15.6	81.0%	106 minutes Web browsing 174 minutes 1080p video playback
ASUS	ROG ZEPHYRUS (GX501)	15.6	Not reported	2 hours

Brand	Model	Screen size	Screen-to-body ratio	Battery life
ASUS	ROG Zephyrus M (GM501GS) (GM501GM)	15.6	Not reported	5.5 hours
ASUS	ROG Zephyrus S (GX531GX) (GX531GW) (GX531GV)	15.6	Not reported	No official claim
ASUS	ROG Zephyrus G15 GA502IV	15.6	Not reported	No official claim
ASUS	ROG Zephyrus Duo 15 (GX550LXS) (GX550LWS)	15.6	Not reported	No official claim
ASUS	ZenBook Pro Duo UX581GV	15.6	89.0%	7.5 hours
ASUS	ASUSPRO P3540FA	15.6	Not reported	16 hours with 70Wh
ASUS	ASUSPRO P3540FB	15.6	Not reported	16 hours with 70Wh
ASUS	ASUSPRO P2540FB	15.6	Not reported	12 hours with 72 Wh
ASUS	ASUSPRO P2540UA	15.6	Not reported	12 hours
ASUS	ASUSPRO P2540FA	15.6	Not reported	12 hours
ASUS	ASUSPRO P2540UB	15.6	Not reported	12 hours
ASUS	M570DD	15.6	Not reported	10 hours FHD offline video playback
ASUS	Laptop E502NA	15.6	Not reported	No official claim
ASUS	Laptop 15 M509BA	15.6	82.5%	No official claim
ASUS	Laptop 15 M509DJ	15.6	82.5%	No official claim
ASUS	Laptop 15 M509DL	15.6	82.5%	No official claim
ASUS	Laptop 15 M509DA	15.6	82.5%	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
ASUS	Laptop X507MA	15.6	Not reported	No official claim
ASUS	Laptop X571GT	15.6	80.2%	No official claim
ASUS	Laptop X571GD	15.6	80.2%	No official claim
ASUS	Laptop X570ZD	15.6	Not reported	No official claim
ASUS	Laptop X570UD	15.6	Not reported	10 hours
ASUS	Laptop X540BP	15.6	Not reported	No official claim
ASUS	Laptop X540MA	15.6	Not reported	No official claim
ASUS	Laptop X541SC	15.6	Not reported	No official claim
ASUS	Laptop X541SA	15.6	Not reported	No official claim
ASUS	Laptop X541UJ	15.6	Not reported	No official claim
ASUS	Laptop X541UV	15.6	Not reported	No official claim
ASUS	Laptop X541UA	15.6	Not reported	No official claim
ASUS	Laptop X540NV	15.6	Not reported	No official claim
ASUS	Laptop X540MB	15.6	Not reported	No official claim
ASUS	Laptop X540UB	15.6	Not reported	No official claim
ASUS	Laptop X540BA	15.6	Not reported	No official claim
ASUS	Laptop X540LA	15.6	Not reported	No official claim
ASUS	Laptop X540YA	15.6	Not reported	No official claim
ASUS	Laptop X556UJ	15.6	Not reported	No official claim
ASUS	Laptop X556UA	15.6	Not reported	No official claim
ASUS	Laptop X556UR	15.6	Not reported	No official claim
ASUS	Laptop X556UQ	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
ASUS	Laptop X556UV	15.6	Not reported	No official claim
ASUS	Laptop X555YI	15.6	Not reported	No official claim
ASUS	Laptop X555YA	15.6	Not reported	No official claim
ASUS	Laptop X555DG	15.6	Not reported	No official claim
ASUS	Laptop X555BP	15.6	Not reported	No official claim
ASUS	Laptop X555QA	15.6	Not reported	No official claim
ASUS	Laptop X555QG	15.6	Not reported	No official claim
ASUS	Laptop X555LJ	15.6	Not reported	No official claim
ASUS	Laptop X555LF	15.6	Not reported	No official claim
ASUS	Laptop X543MB	15.6	Not reported	No official claim
ASUS	Laptop X543MA	15.6	Not reported	No official claim
ASUS	Laptop X543BP	15.6	Not reported	No official claim
ASUS	Laptop X543BA	15.6	Not reported	No official claim
ASUS	Laptop X543UA	15.6	Not reported	No official claim
ASUS	Laptop X543UB	15.6	Not reported	No official claim
ASUS	Laptop 15 X545FA	15.6	82.5%	No official claim
ASUS	Laptop 15 X545FB	15.6	82.5%	No official claim
ASUS	Laptop 15 X545FJ	15.6	82.5%	No official claim
ASUS	X560UD	15.6	Not reported	No official claim
ASUS	Laptop X507LA	15.6	75.4%	No official claim
ASUS	Laptop X507UA	15.6	75.4%	No official claim
ASUS	Laptop X507UB	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
ASUS	Laptop X507UF	15.6	Not reported	No official claim
ASUS	Laptop 15 X509UJ	15.6	82.5%	No official claim
ASUS	Laptop 15 X509JB	15.9	82.5%	No official claim
ASUS	Laptop 15 X509UB	15.6	82.5%	No official claim
ASUS	Laptop 15 X509FB	15.6	82.5%	No official claim
ASUS	Laptop 15 X509FL	15.6	82.5%	No official claim
ASUS	Laptop 15 X509FJ	15.6	82.5%	No official claim
ASUS	Laptop 15 X509FA	15.6	Not reported	No official claim
ASUS	Laptop 15 X509UA	15.6	Not reported	No official claim
ASUS	Laptop 15 X509MA	15.6	Not reported	No official claim
ASUS	Laptop 15 X509JA	15.6	Not reported	No official claim
ASUS	VivoBook X541NA	15.6	Not reported	No official claim
ASUS	VivoBook 15 X505ZA	15.6	81.0%	No official claim
ASUS	VivoBook 15 X542UR	15.6	Not reported	No official claim
ASUS	VivoBook 15 X542BP	15.6	Not reported	No official claim
ASUS	VivoBook 15 X542BA	15.6	Not reported	No official claim
ASUS	VivoBook 15 X510QR	15.6	80.0%	No official claim
ASUS	VivoBook S15 S510UA	15.6	80.0%	No official claim
ASUS	VivoBook Pro 15 N580VD	15.6	90.0%	No official claim
ASUS	VivoBook S15 S530FA	15.6	86.0%	No official claim
ASUS	VivoBook 15 X512UB	15.6	88.0%	No official claim
ASUS	VivoBook 15 X512FA	15.6	88.0%	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
ASUS	VivoBook 15 X512FB	15.6	88.0%	No official claim
ASUS	VivoBook 15 X510UR	15.6	80.0%	No official claim
ASUS	VivoBook S15 S530UA	15.6	90.0%	No official claim
ASUS	VivoBook S15 S533FA	15.6	86.0%	No official claim
ASUS	VivoBook S15 S533FL	15.6	86.0%	No official claim
ASUS	VivoBook Pro 15 N580GD	15.6	Not reported	No official claim
ASUS	ProArt StudioBook Pro 15 W500G5T	15.6	82.0%	No official claim
ASUS	ProArt StudioBook Pro 15 H500GV	15.6	82.0%	No official claim
Chuwi				
CHUWI	LapBook Plus	15.6	Not reported	9 hours
CHUWI	LapBook 15.6	15.6	Not reported	5 hours
Dynabook (Formerly Toshiba)				
Dynabook	Tecra A50 F1520	15.6	Not reported	10 hours (MobileMark 2014)
Dynabook	Tecra A50 EC1520	15.6	Not reported	10 hours (MobileMark 2014)
Dynabook	Tecra A50 F1521	15.6	Not reported	10 hours (MobileMark 2014)
Dynabook	Tecra A50 EC1525	15.6	Not reported	10 hours (MobileMark 2014)
Dynabook	Tecra A50 F1525	15.6	Not reported	8.5 hours (MobileMark 2014)

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Dynabook	Tecra A50 F1528	15.6	Not reported	8.5 hours (MobileMark 2014)
Dynabook	Tecra A50 EC1528	15.6	Not reported	10 hours (MobileMark 2014)
Dynabook	Tecra X50 F-BTO	15.6	Not reported	17 hours
Fujitsu				
Fujitsu	Lifebook E559	15.6	Not reported	14 hours
Fujitsu	Lifebook U759	15.6	Not reported	12 hours
HP				
HP	250 G7	15.6	Not reported	12 hours and 45 minutes
HP	255 G7	15.6	Not reported	10 hours 30 minutes
HP	OMEN 15t	15.6	Not reported	10 hours 45 minutes FHD 9 hours 30 minutes UHD 6 hours 30 minutes FHD video playback 6 hours 15 minutes UHD video playback
HP	OMEN X 2S	15.6	Not reported	No official claim No 3rd party claims
HP	OMEN 15-dh001nr	15.6	Not reported	Up to 4 hours and 30 minutes

Brand	Model	Screen size	Screen-to-body ratio	Battery life
HP	OMEN X 2S RTX Studio	15.6	Not reported	4 hours 30 minutes battery life 3 hours Video playback
HP	OMEN RTX Studio	15.6	Not reported	4 hours 30 minutes idle 2 hours 30 minutes of video playback
HP	Pavilion Gaming laptop 15t	15.6	Not reported	No official claim
HP	Pavilion Gaming laptop 15z	15.6	Not reported	No official claim
HP	Pavilion 15-cs1067nr	15.6	Not reported	No official claim
HP	HP Gaming Pavilion 15-dk0030nr	15.6	Not reported	6 hours and 15 minutes 4 hours 30 minutes video playback
HP	HP Gaming Pavilion 15-dk0046nr	15.6	Not reported	No official claim
HP	Laptop 15t	15.6	Not reported	No official claim
HP	Laptop 15z	15.6	Not reported	9 hours HD 6 hours 30 minutes video playback HD
HP	Pavilion 15t	15.6	Not reported	9 hours 30 minutes HD 9 hours FHD 7 hours 30 minutes video playback HD 7 hours 15 minutes video playback FHD

Brand	Model	Screen size	Screen-to-body ratio	Battery life
HP	Pavilion 15z Touch	15.6	Not reported	7 hours 30 minutes HD and AMD A9 7 hours FHD AMD A9 7 hours 45 minutes FHD and AMD Radeon R3/R5 6 hours HD and AMD A9 video playback 5 hours 30 minutes FHD and AMD A9 video playback 6 hours and 45 minutes FHD and AMD Radeon R3/R5 video playback
HP	EliteBook 850 G5	15.6	Not reported	No official claim
HP	EliteBook 850 G6	15.6	Not reported	No official claim
HP	ProBook 450 G6	15.6	Not reported	12 hours 30 minutes
HP	ProBook 450 G7	15.6	Not reported	No official claim
HP	ProBook 455R G6	15.6	Not reported	No official claim
HP	ProBook 650 G5	15.6	Not reported	No official claim
HP	Zbook 15u G6	15.6	Not reported	No official claim
HP	Zbook 15 G6	15.6	Not reported	No official claim
HP	Zbook 15v G5	15.6	Not reported	No official claim
HP	Zbook Studio G5 Mobile Workstation	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Huawei				
Huawei	MateBook D 15	15.6	87.0%	No official claim
Lenovo				
Lenovo	Ideapad S145 (Intel)	15.6	Not reported	5.5 hours
Lenovo	Ideapad S145 (AMD)	15.6	Not reported	4 hours local video playback
Lenovo	Ideapad S340 (Intel)	15.6	Not reported	10 hours (10th Gen processor) 8 hours (8th Gen processor)
Lenovo	Ideapad S340 (AMD)	15.6	Not reported	8 hours
Lenovo	Ideapad 5 15"	15.6	Not reported	12 hours (MobileMark 2014)
Lenovo	Ideapad L340 (Gaming Laptop)	15.6	Not reported	5.5 hours (MobileMark 2014)
Lenovo	Ideapad L340 (Intel)	15.6	Not reported	9.5 hours (MobileMark 2014)
Lenovo	Ideapad L340 (AMD)	15.6	Not reported	8.5 hours (MobileMark 2014)
Lenovo	Ideapad S540	15.6	Not reported	12 hours (MobileMark 2014)
Lenovo	Ideapad Slim 7 15"	15.6	Not reported	15 hours (MobileMark 2014)
Lenovo	Ideapad S740	15.6	Not reported	14 hours (MobileMark 2014)

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Lenovo	Legion Y540	15.6	Not reported	5 hours
Lenovo	Legion Y545	15.6	Not reported	No official claim
Lenovo	Legion Y740	15.6	Not reported	5 hours
Lenovo	ThinkPad P1 Gen 2	15.6	Not reported	13 hours (MobileMark 2014)
Lenovo	ThinkPad P53	15.6	Not reported	16.5 hours (MobileMark 2014)
Lenovo	ThinkPad P53s	15.6	Not reported	14 hours (MobileMark 2014)
Lenovo	ThinkPad E595	15.6	Not reported	13 hours local video playback
Lenovo	ThinkPad T580	15.6	Not reported	13.8 hours Standard with dual battery (32Wh + 24Wh)
Lenovo	ThinkPad T590	15.6	Not reported	14.98 hours (MobileMark 2014)
Lenovo	ThinkPad L590	15.6	Not reported	12 hours (MobileMark 2014)
Lenovo	ThinkPad X1 Extreme Gen 2	15.6	Not reported	14 hours (MobileMark 2014)
Lenovo	ThinkPad E15	15.6	Not reported	12.2 hours (MobileMark 2014)
Lenovo	ThinkBook 15	15.6	83.0%	9 hours (MobileMark 2014)

Brand	Model	Screen size	Screen-to-body ratio	Battery life
LG				
LG	gram (15Z90N)	15.6	Not reported	18.5 hours (MobileMark 2014)
LG	gram (15Z980)	15.6	Not reported	16.5 hours (MobileMark 2014)
LG	gram (15Z990)	15.6	Not reported	18.5 hours (MobileMark 2014)
LG	gram (15Z975)	15.6	Not reported	11.8 hours (MobileMark 2014)
LG	gram (15Z970)	15.6	Not reported	No official claim
Microsoft				
Microsoft	Surface Laptop 3 15"	15.0	Not reported	11.5 hours
Razer				
Razer	Blade 15	15.6	Not reported	No official claim
Sager				
Sager	NP6855	15.6	Not reported	No official claim
Sager	NP6856	15.6	Not reported	No official claim
Sager	NP8454	15.6	Not reported	No official claim
Sager	NP9156-G3	15.6	Not reported	No official claim
Sager	NP9156-G2	15.6	Not reported	No official claim
Sager	NP9156-G1	15.6	Not reported	No official claim
Sager	NP3156	15.6	Not reported	No official claim

Brand	Model	Screen size	Screen-to-body ratio	Battery life
Samsung				
Samsung	Notebook 5 NP550XTA-K01US	15.6	Not reported	6.5 hours
Samsung	Notebook 7 NP750XBE-X01US	15.6	Not reported	No official claim
Samsung	Notebook 7 (NP750XBE-K01US)	15.6	Not reported	No official claim
Samsung	Notebook 7 (NP750XBE-K02US)	15.6	Not reported	No official claim
Samsung	Notebook 7 Force NP760XBE-X01US	15.6	Not reported	9.5 hours
Samsung	Notebook 9 NP900X5L-K02US	15.0	Not reported	12 hours (MM2007)
Samsung	Notebook Odyssey NP850XBC-X02US	15.6	Not reported	3 hours
Samsung	Notebook Odyssey NP850XBC-X01US	15.6	Not reported	No official claim
Samsung	Notebook Odyssey NP850XBD-X02US	15.6	Not reported	No official claim
Samsung	Notebook Odyssey Z NP850XAC-X01US	15.6	Not reported	4.5 hours

Table 2. Screen size, screen-to-body ratio, and official battery life claims. All links and data current as of 05/19/2020.

About Principled Technologies



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