

COMPARISON OF 15-INCH-CLASS LAPTOPS

We compared the Dell XPS 15 laptop to others in its class from vendors including Acer®, GIGABYTE, 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 11/04/2021, and report only what each vendor disclosed on their website.

According to vendor-provided data, the Dell XPS 15 is the smallest 15.6-inch performance-class laptop and has the longest battery life of any 15-inch performance-class laptop.

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Dell	XPS 15 (9500) XPS 15 (9510)	15.6	Intel Core i7-10750H Intel Core i9-10885H Intel Core i5-11400H Intel Core i7-11800H Intel Core i9-11900H	NVIDIA GeForce GTX 1650 Ti 4GB GDDR6 NVIDIA GeForce RTX 3050 NVIDIA GeForce RTX 3050 Ti	122.9
Dell	ALIENWARE M15 R4	15.6	Intel Core i7-10870H	NVIDIA GeForce RTX 3080 NVIDIA® GeForce RTX 3060 NVIDIA GeForce RTX 3070	154.1
Dell	ALIENWARE M15 R6	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3080 NVIDIA® GeForce RTX 3060 NVIDIA GeForce RTX 3070	150.4
Dell	ALIENWARE M15 RYZEN EDITION R5	15.6	AMD Ryzen 7 5800H AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3050 Ti NVIDIA® GeForce RTX 3060 NVIDIA GeForce RTX 3070	150.4
Dell	ALIENWARE X15	15.6	Intel Core i7-11800H Intel Core i7-11900H	NVIDIA® GeForce RTX 3060 NVIDIA GeForce RTX 3070	154.6



Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Dell	G15 5510	15.6	Intel Core i7-10870H	NVIDIA GeForce RTX 3060	151.0
Dell	G15 5511	15.6	Intel Core i5-11400H Intel Core i7-11800H	NVIDIA GeForce RTX 3050 NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3060	151.0
Dell	G15 5511 Special Edition	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3060	150.7
Dell	G15 5515 Ryzen Edition	15.6	AMD Ryzen 5 5600H AMD Ryzen 7 5800H	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3050	150.4
Dell	Inspiron 15 3511	15.6	Intel Celeron N4020 Intel Pentium N5030 Intel Core i3-1115G4 Intel Core i5-1135G7 Intel Core i7-1165G7	Intel UHD Intel Iris Xe	130.8
Dell	Inspiron 15 5510	15.6	Intel Core i5-11320H Intel Core i7-11390H AMD Ryzen 5 5500U AMD Ryzen 7 5700U	Intel Iris Xe Graphics AMD Radeon Graphics	126.3
Dell	Latitude 3520	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe	134.9
Dell	Latitude 5520	15.6	Intel Core i3-1125G4 Intel Core i5-1135G7 Intel Core i5-1145G7 Intel Core i7-1185G7	Intel Iris Xe NVIDIA GeForce MX450	129.5

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Dell	Latitude 5521	15.6	Intel Core i5-11400H Intel Core i5-11500H Intel Core i7-11850H	Intel Iris Xe NVIDIA GeForce MX450	129.5
Dell	Latitude 7520	15.6	Intel Core i5-1135G7 Intel Core i7-1185G7	Intel Iris Xe	127.4
Dell	Latitude 9520	15.0	Intel Core i5-1145G7 Intel Core i7-1185G7	Intel Iris Xe	113.8
Dell	Precision 3560	15.6	Intel Core i5-1135G7 Intel Core i5-1145G7 Intel Core i7-1165G7 Intel Core i7-1185G7	Intel Iris Xe NVIDIA T500	128.6
Dell	Precision 3561	15.6	Intel Core i5-11400H Intel Core i5-11500H Intel Core i7-11800H Intel Core i7-11850H	Intel UHD NVIDIA T600 NVIDIA T1200	129.5
Dell	Precision 5560	15.6	Intel Core i5-11500H Intel Core i7-11800H Intel Core i7-11850H	Intel UHD NVIDIA T1200 NVIDIA RTX A2000	123.0
Dell	Precision 7550	15.6	Intel Core i7-10850H Intel Xeon W-10855M	NVIDIA Quadro RTX 5000	135.0
Dell	Precision 7560	15.6	Intel Core i5-11500H Intel Core i7-11850H Intel Xeon W-11855M	Intel UHD NVIDIA T1200 NVIDIA RTX A2000 NVIDIA RTX A5000	135.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Dell	Vostro 3500	15.6	Intel Core i5-1135G7	Intel Iris Xe	140.4
Dell	Vostro 3510	15.6	Intel Core i3-1115G4 Intel Core i5-1135G7 Intel Core i7-1165G7	Intel UHD graphics	130.8
Dell	Vostro 5510	15.6	Intel Core i5-11320H Intel Core i5-11300H Intel Core i7-11390H	Intel Iris Xe Graphics	126.3
Dell	Vostro 7500	15.6	Intel Core i5-10300H	NVIDIA GeForce GTX 1650 Ti	129.4
Dell	Vostro 7510	15.6	Intel Core i5-11400H Intel Core i7-11800H	NVIDIA GeForce RTX 3050 NVIDIA GeForce RTX 3050 Ti	126.3
Acer					
Acer	Aspire 1 (A115-32-C6FQ)	15.6	Intel Celeron N4500	Intel UHD Graphics 600	134.4
Acer	Aspire 1 (A115-32-C28P)	15.6	Intel Celeron N4500	Intel UHD Graphics 600	134.4
Acer	Aspire 1 (A115-32-C44C)	15.6	Intel Celeron N4500	Intel UHD Graphics 600	134.4
Acer	Aspire 1 (A115-32-C6LV)	15.6	Intel Celeron N4500	Intel UHD Graphics 600	134.4

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Aspire 3 (A315-21-95KF)	15.6	AMD A9-9420	AMD Radeon R5 Graphics	153.0
Acer	Aspire 3 (A315-23-R4PF)	15.6	AMD Athlon Silver 3050U	AMD Radeon Graphics	141.6
Acer	Aspire 3 (A315-23-R252)	15.6	AMD Athlon Silver 3050U	AMD Radeon Graphics	141.6
Acer	Aspire 3 (A315-23-A8GY)	15.6	AMD Athlon 3020E	AMD Radeon Graphics	141.6
Acer	Aspire 3 (A315-56-38UT)	15.6	Intel Core i3-1005G1	Intel UHD Graphics	138.7
Acer	Aspire 3 (A315-56-51N1)	15.6	Intel Core i5-1035G1	Intel UHD Graphics	138.7
Acer	Aspire 3 (A315-35-C86R)	15.6	Intel Celeron N4500	Intel UHD Graphics	134.4
Acer	Aspire 3 (A315-35-P93H)	15.6	Intel Pentium Silver N6000	Intel UHD Graphics	134.4
Acer	Aspire 3 (A315-58-39QZ)	15.6	Intel Core i3-1115G4	Intel UHD Graphics	134.4
Acer	Aspire 3 (A315-58-3065)	15.6	Intel Core i3-1115G4	Intel UHD Graphics	134.4

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Aspire 3 (A315-58-5809)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-43-R6DE)	15.6	AMD Ryzen 7 3700U	AMD Radeon RX Vega 10	138.7
Acer	Aspire 5 (A515-55T-53AP)	15.6	Intel Core i5-1035G1	Intel UHD Graphics	141.6
Acer	Aspire 5 (A515-44-R6TV)	15.6	AMD Ryzen 3 4300U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-56-75B6)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-54KJ)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-56DJ)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-76J1)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56T-718X)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-55-39ND)	15.6	Intel Core i3-1005G1	Intel UHD Graphics	141.6

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Aspire 5 (A515-56-55J8)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-74B9)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-511M)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-3453)	15.6	Intel Core i3-1115G4	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-50RS)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-51AE)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56T-77S8)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-7404)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-34A3)	15.6	Intel Core i3-1115G4	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-363A)	15.6	Intel Core i3-1115G4	Intel Iris Xe Graphics	134.4

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Aspire 5 (A515-56T-58LT)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56T-77PS)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-45-R6WB)	15.6	AMD Ryzen 5 5500U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-45-R2B5)	15.6	AMD Ryzen 5 5500U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-46-R14K)	15.6	AMD Ryzen 3 3350U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-56-36UT)	15.6	Intel Core i3-1115G4	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56T-55FB)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-45-R3SU)	15.6	AMD Ryzen 7 5700U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-56-53AV)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Aspire 5 (A515-45-R9YK)	15.6	AMD Ryzen 3 5300U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-45-R1YC)	15.6	AMD Ryzen 5 5500U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-46-R57W)	15.6	AMD Ryzen 5 3500U	AMD Radeon Vega 8 Graphics	141.6
Acer	Aspire 5 (A515-56-54XJ)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-765W)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 7 (A715-42G-R20C)	15.6	AMD Ryzen 7 5700U	NVIDIA GeForce GTX 1650	143.0
Acer	Aspire 7 (A715-42G-R2M7)	15.6	AMD Ryzen 5 5500U	NVIDIA GeForce GTX 1650	143.0
Acer	Aspire Vero (AV15-51-5155)	15.6	Intel Core i5-1155G7	Intel Iris Xe Graphics	134.4
Acer	Aspire Vero (AV15-51-75QQ)	15.6	Intel Core i7-1195G7	Intel Iris Xe Graphics	134.4

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Nitro 5 (AN515-55-54Q0)	15.6	Intel Core i5-10300H	NVIDIA GeForce GTX 1650Ti	143.0
Acer	Nitro 5 (AN515-54-599H)	15.6	Intel Core i5-9300H	NVIDIA GeForce GTX 1650	143.0
Acer	Nitro 5 (AN515-44-R078)	15.6	AMD Ryzen 5 4600H	NVIDIA GeForce GTX 1650Ti	143.0
Acer	Nitro 5 (AN515-55-55SD)	15.6	Intel Core i5-10300H	NVIDIA GeForce GTX 1650	143.0
Acer	Nitro 5 (AN515-55-72VN)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 3060	143.0
Acer	Nitro 5 (AN515-55-53E5)	15.6	Intel Core i5-10300H	NVIDIA GeForce RTX 3050	143.0
Acer	Nitro 5 (AN515-55-56AP)	15.6	Intel Core i5-10300H	NVIDIA GeForce RTX 3050	143.0
Acer	Nitro 5 (AN515-57-584Y)	15.6	Intel Core i5-11400H	NVIDIA GeForce GTX 1650	143.0
Acer	Nitro 5 (AN515-55-57BK)	15.6	Intel Core i5-10300H	NVIDIA GeForce RTX 3050	143.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Nitro 5 (AN515-57-73DH)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050	143.0
Acer	Nitro 5 (AN515-57-700J)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050 Ti	143.0
Acer	Nitro 5 (AN515-57-56FC)	15.6	Intel Core i5-11400H	NVIDIA GeForce GTX 1650	143.0
Acer	Nitro 5 (AN515-57-57WX)	15.6	Intel Core i5-11400H	NVIDIA GeForce RTX 3050 Ti	143.0
Acer	Nitro 5 (AN515-55-57C4)	15.6	Intel Core i5-10300H	NVIDIA GeForce RTX 3050 Ti	143.0
Acer	Nitro 5 (AN515-57-5700)	15.6	Intel Core i5-11400H	NVIDIA GeForce RTX 3050 Ti	143.0
Acer	Nitro 5 (AN515-55-55M1)	15.6	Intel Core i5-10300H	NVIDIA GeForce GTX 1650	143.0
Acer	Nitro 5 (AN515-57-75ZA)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050 Ti	143.0
Acer	Nitro 5 (AN515-57-536Q)	15.6	Intel Core i5-11400H	NVIDIA GeForce GTX 1650	143.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Nitro 5 (AN515-57-74TT)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050 Ti	143.0
Acer	Nitro 5 AMD (AN515-44-R99Q)	15.6	AMD Ryzen 5 4600H	NVIDIA GeForce GTX 1650	143.0
Acer	Nitro 5 AMD (AN515-45-R92M)	15.6	AMD Ryzen 7 5800H	NVIDIA GeForce RTX 3060	143.0
Acer	Nitro 5 AMD (AN515-45-R9QH)	15.6	AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3080	143.0
Acer	Nitro 5 AMD (AN515-45-R83Z)	15.6	AMD Ryzen 5 5600H	NVIDIA GeForce GTX 1650	143.0
Acer	Nitro 5 AMD (AN515-45-R9FU)	15.6	AMD Ryzen 7 5800H	NVIDIA GeForce RTX 3070	143.0
Acer	Nitro 5 AMD (AN515-45-R7S0)	15.6	AMD Ryzen 7 5800H	NVIDIA GeForce RTX 3070	143.0
Acer	Nitro 5 AMD (AN515-45-R21A)	15.6	AMD Ryzen 5 5600H	NVIDIA GeForce RTX 3060	143.0
Acer	Nitro 5 AMD (AN515-45-R0FN)	15.6	AMD Ryzen 5 5600H	NVIDIA GeForce RTX 3050	143.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Nitro 5 AMD (AN515-45-R1XY)	15.6	AMD Ryzen 7 5800H	NVIDIA GeForce RTX 3050 Ti	143.0
Acer	Nitro 5 AMD (AN515-45-R1JF)	15.6	AMD Ryzen 7 5800H	NVIDIA GeForce GTX 1650	143.0
Acer	Predator Helios 300 (PH315-53-72XD)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 2060	143.0
Acer	Predator Helios 300 (PH315-53-736J)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 2060	143.0
Acer	Predator Helios 300 (PH315-53-71VG)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 2070	143.0
Acer	Predator Helios 300 (PH315-53-71HN)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 3060	143.0
Acer	Predator Helios 300 (PH315-53-70QE)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 3060	143.0
Acer	Predator Helios 300	15.6	Intel Core i7-10870H	NVIDIA GeForce RTX 3080	143.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
	(PH315-53-76JX)				
Acer	Predator Helios 300 (PH315-53-78XB)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 3070	143.0
Acer	Predator Helios 300 (PH315-54-760S)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3060	143.0
Acer	Predator Helios 300 (PH315-54-731M)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3060	143.0
Acer	Predator Helios 300 (PH315-54-78WN)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3070	143.0
Acer	Predator Helios 300 (PH315-54-748Y)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050 Ti	143.0
Acer	Predator Triton 300 (PT315-52-7337)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 2070	143.0
Acer	Predator Triton 300	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 2070	143.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
	(PT315-52-73WT)				
Acer	Predator Triton 300 (PT315-53-70RT)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3060	139.0
Acer	Predator Triton 300 (PT315-53-7691)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3070	139.0
Acer	Predator Triton 300 (PT315-53-79FG)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3060	139.0
Acer	Predator Triton 500 (PT515-51-73Z5)	15.6	Intel Core i7-9750H	NVIDIA GeForce RTX 2080	141.0
Acer	Predator Triton 500 (PT515-52-71K5)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 2070 SUPER	141.0
Acer	Predator Triton 500 (PT515-52-77P9)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 2080 SUPER	141.0
Acer	Predator Triton 500	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 2080 SUPER	141.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
	(PT515-52-742J)				
Acer	TravelMate P2 (TMP215-52-7299)	15.6	Intel Core i7-10510U	Intel UHD Graphics	143.0
Acer	TravelMate P2 (TMP215-52-574C)	15.6	Intel Core i5-10210U	Intel UHD Graphics	143.0
Acer	TravelMate P2 (TMP215-53-58YF)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	143.0
Acer	TravelMate P2 (TMP215-53-57QD)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	143.0
Acer	TravelMate P2 (TMP215-53-704M)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	143.0
Acer	ConceptD 7 (CN715-72G-703T)	15.6	Intel Core i7-10875H	NVIDIA GeForce RTX 2080	141.0
Acer	ConceptD 7 Pro (CN715-71P-727W)	15.6	Intel Core i7-9750H	NVIDIA Quadro RTX 3000	141.0
Acer	ConceptD 5 (CN515-51-72FX)	15.6	Intel Core i7-8705G	AMD Radeon RX Vega M GL	134.9

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	ConceptD 5 Pro (CN515-71P-75XP)	15.6	Intel Core i7-9750H	NVIDIA Quadro RTX 3000	143.0
Acer	ConceptD 5 Pro (CN515-71P-72PQ)	15.6	Intel Core i7-9750H	NVIDIA Quadro T1000	143.0
Acer	ConceptD 3 Pro (CN315-71P-58N0)	15.6	Intel Core i5-9300H	NVIDIA Quadro T1000	143.0
Acer	ConceptD 3 (CN315-72G-70NP)	15.6	Intel Core i7-10750H	NVIDIA GeForce GTX 1650	140.1
GIGABYTE					
GIGABYTE	Aero 15 OLED (Intel 11th Gen)	15.6	Intel Core i9-11980HK Intel Core i7-11800H	NVIDIA GeForce RTX 3080	137.2
GIGABYTE	AORUS 15P (Intel 11th Gen)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3080	134.4
GIGABYTE	G5 (Intel 11th Gen)	15.6	Intel Core i5-11400H	NVIDIA GeForce RTX 3050 Ti	144.2
GIGABYTE	A5 (AMD)	15.6	AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3070	144.2
GIGABYTE	AERO 15 OLED (RTX 30 Series)	15.6	Intel Core i9-10980HK	NVIDIA GeForce RTX 3080	137.2
GIGABYTE	AERO 15 (RTX 30 Series)	15.6	Intel Core i7-10870H	NVIDIA GeForce RTX 3070	138.1

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GIGABYTE	AORUS 15G (RTX 30 Series)	15.6	Intel Core i7-10875H	NVIDIA GeForce RTX 3080	134.4
GIGABYTE	AORUS 15P (RTX 30 Series)	15.6	Intel Core i7-10870H	NVIDIA GeForce RTX 3070	134.4
GIGABYTE	G5 (RTX 30 Series)	15.6	Intel Core i7-10870H Intel Core i5-10500H	NVIDIA GeForce RTX 3060	144.2
ASUS					
ASUS	ProArt StudioBook One W590	15.6	Intel Core i9-9980HK	NVIDIA Quadro RTX 6000	138.7
ASUS	ProArt StudioBook Pro 15 W500	15.6	Intel Core i7-9750H	NVIDIA Quadro RTX 5000	140.6
ASUS	ProArt StudioBook 15 H500	15.6	Intel Core i7-9750H	NVIDIA GeForce RTX 2060	140.6
ASUS	ZenBook Pro Duo 15 OLED UX582	15.6	Intel Core i7-10870H Intel Core i9-10980HK	NVIDIA GeForce RTX 3070	139.0
ASUS	ZenBook Pro 15 OLED UX535	15.6	Intel Core i7-10750H Intel Core i7-10870H Intel Core i5-10300H	NVIDIA GeForce GTX 1650Ti	127.8
ASUS	ZenBook Pro Duo UX581	15.6	Intel Core i9-9980HK Intel Core i7-9750H Intel Core i7-10750H Intel Core i9-10980HK	NVIDIA GeForce RTX 2060	123.7

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
ASUS	ZenBook Pro 15 UX535	15.6	Intel Core i7-10750H	NVIDIA GeForce GTX 1650Ti	127.7
ASUS	ZenBook Pro 15 UX580	15.6	Intel Core i9-8950HK Intel Core i7-8750H Intel Core i5-8300H	NVIDIA GeForce GTX 1050 Ti	136.4
ASUS	ZenBook Pro 15 UX550	15.6	Intel Core i7-8750H Intel Core i5-8300H Intel Core i7-7700HQ Intel Core i5-7300HQ	NVIDIA GeForce GTX 1050 Ti	142.0
ASUS	ZenBook UX530	15.6	Intel Core i7-7500U Intel Core i5-7200U Intel Core i3-7100U	NVIDIA GeForce GTX 950	137.3
ASUS	ZenBook 15 UX534	15.6	Intel Core i7-10510U	NVIDIA GeForce GTX 1650	109.7
ASUS	ZenBook 15 UX533	15.6	Intel Core i7-10510U	NVIDIA GeForce GTX 1650	109.7
ASUS	ExpertBook L1 L1500	15.6	AMD Ryzen 3 3250U AMD Ryzen 5 3500U	AMD Radeon Graphics	131.2
ASUS	ExpertBook B1 B1500	15.6	Intel Core i3-1115G4 Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe NVIDIA GeForce MX330	131.2
ASUS	ExpertBook P1 P1510 (AMD Ryzen 3000 series)	15.6	AMD Ryzen 7 3700U AMD Ryzen 5 3500U AMD Ryzen 3 3200U	AMD Radeon Graphics	131.1

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
ASUS	ASUSPRO P3540	15.6	Intel Core i7 8565UU Intel Core i5 8265U Intel Core i3 8145U	NVIDIA GeForce MX110	130.6
ASUS	ExpertBook P1 P1510	15.6	Intel Core i3-1005G1 Intel Core i5-1035G1 Intel Core i7-1065G7	Intel UHD Intel Iris Plus Graphics	131.1
ASUS	VivoBook Pro 15 N580	15.6	Intel Core i7-8750H Intel Core i5-8300H	NVIDIA GeForce GTX 1050	150.8
ASUS	VivoBook Pro 15 N552	15.6	Intel Core i7-6700HQ Intel Core i5-6300HQ	NVIDIA GeForce GTX 950M	154.4
ASUS	VivoBook S15 S532 (11th Gen Intel)	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe NVIDIA GeForce MX350	127.4
ASUS	VivoBook S15 S533 (11th Gen Intel)	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe NVIDIA GeForce MX350	130.4
ASUS	VivoBook S15 S533	15.6	Intel Core i7-10510U Intel Core i5-10210U	NVIDIA GeForce MX250	130.4
ASUS	VivoBook S15 S530	15.6	Intel Core i7-8565U Intel Core i5-8265U Intel Core i3-8145U	NVIDIA GeForce MX150	136.2
ASUS	VivoBook S15 S531	15.6	Intel Core i7-10510U Intel Core i5-10210U Intel Core i7-8565U Intel Core i5-8265U	NVIDIA GeForce MX250	127.4
ASUS	VivoBook S15 S532	15.6	Intel Core i7-10510U Intel Core i5-10210U	Intel UHD Graphics NVIDIA GeForce MX250	127.4

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
			Intel Core i5-8265U Intel Core i7-8565U		
ASUS	VivoBook S15 M533 (AMD Ryzen 5000 series)	15.6	AMD Ryzen 7 5700U AMD Ryzen 5 5500U	AMD Radeon Graphics	130.4
ASUS	VivoBook 15 M513 (AMD Ryzen 5000 series)	15.6	AMD Ryzen 7 5700U AMD Ryzen 5 5500U	AMD Radeon Graphics	131.2
ASUS	VivoBook 15 X513 (11th Gen Intel)	15.6	Intel Core i3-1115G4 Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics NVIDIA GeForce MX330	130.7
ASUS	VivoBook 15 K513 (11th Gen Intel)	15.6	Intel Core i3-1115G4 Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics NVIDIA GeForce MX330 NVIDIA GeForce MX350	130.7
ASUS	VivoBook 15 M513	15.6	AMD Ryzen 7 4700U AMD Ryzen 5 4500U	AMD Radeon Graphics	131.2
ASUS	VivoBook 15 X512	15.6	Intel Core i3-10110U Intel Core i5-10210U Intel Core i7-10510U AMD Ryzen 3 3200U AMD Ryzen 5 3500U AMD Ryzen 7 3700U	Intel UHD Graphics AMD Radeon Graphics NVIDIA GeForce MX250 NVIDIA GeForce MX330	127.4
ASUS	VivoBook 15 X571	15.6	Intel Core i5-10300H Intel Core i7-10750H Intel Core i7-10870H	Intel UHD Graphics NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1650Ti	137.9

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
ASUS	VivoBook 15 X510	15.6	Intel Core i7-8550U Intel Core i5-8250U AMD A12-9720P AMD A10-9620P	NVIDIA GeForce MX130 AMD Radeon 535	136.0
ASUS	VivoBook 15 X540	15.6	Intel Core i3-8130U Intel Core i5-8250U Intel Core i7-8550U	Intel HD Graphics	148.2
ASUS	VivoBook 15 X542	15.6	Intel Core i7-7500U Intel Core i7-8550U Intel Core i5-8250U	NVIDIA GeForce MX150	147.8
ASUS	M515 (AMD Ryzen 5000 series)	15.6	AMD Ryzen 7 5700U AMD Ryzen 5 5500U AMD Ryzen 3 5300U	AMD Radeon Graphics	131.2
ASUS	X515 (11th Gen Intel)	15.6	Intel Core i3-1115G4 Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics NVIDIA GeForce MX330	131.1
ASUS	X515	15.6	Intel Core i3-1005G1 Intel Core i5-1035G1 Intel Core i7-1065G7	Intel UHD Graphics NVIDIA GeForce MX330	131.2
ASUS	M515	15.6	AMD Athlon Silver 3050U AMD Ryzen 3 3250U AMD Ryzen 5 3500U AMD Ryzen 7 3700U AMD Athlon Gold 3150U	AMD Radeon Graphics	131.1
ASUS	E510	15.6	Intel Celeron N4020	Intel UHD Graphics 600	132.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
ASUS	M570	15.6	AMD Ryzen 5 3500U AMD Ryzen 7 3700U	Radeon Vega 8 Graphics NVIDIA GeForce GTX 1050	148.4
ASUS	X509	15.6	Intel Core i7-1065G7 Intel Core i5-1035G1 Intel Core i3-1005G1	Intel UHD NVIDIA GeForce MX250	131.1
ASUS	M509	15.6	AMD Ryzen 7 3700U AMD Ryzen 5 3500U AMD Ryzen 3 3200U	AMD Radeon Graphics NVIDIA GeForce MX250	131.1
ASUS	X545	15.6	Intel Core i7-10510U Intel Core i5-10210U Intel Core i3-10110U	Intel UHD Graphics NVIDIA GeForce MX230	130.5
ASUS	X507	15.6	Intel i3-8130U Intel i5-8250U Intel i7-8550U	Intel UHD Graphics NVIDIA GeForce MX130	150.5
ASUS	ROG Zephyrus G15 GA503	15.6	AMD Ryzen 9 5900HS	NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070	133.8
ASUS	ROG Zephyrus Duo 15 SE GX551	15.6	AMD Ryzen 7 5800H AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3080	149.5
ASUS	ROG Zephyrus Duo 15 GX550	15.6	Intel Core i7-10875H Intel Core i9-10980HK	NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2080	149.5
ASUS	ROG Zephyrus G15 GA502	15.6	AMD Ryzen 9 4900HS AMD Ryzen 7 3750H	NVIDIA GeForce RTX 2060 NVIDIA GeForce GTX 1660Ti	140.6
ASUS	ROG ZEPHYRUS M15 GU502	15.6	Intel Core i7-10875H Intel Core i7-10750H	NVIDIA GeForce RTX 2070	140.6
ASUS	ROG Zephyrus S GX531	15.6	Intel Core i7-8750H	NVIDIA GeForce RTX 2070	149.5

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
ASUS	ROG Strix G15 G513	15.6	AMD Ryzen 7 4800H	NVIDIA GeForce GTX 1650 NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070	142.2
ASUS	ROG Strix SCAR 15 G533	15.6	AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3080	142.2
ASUS	ROG Strix G15 G512	15.6	Intel Core i7-10875H	NVIDIA GeForce RTX 2070	153.5
ASUS	ROG Strix SCAR 15 G532	15.6	Intel Core i9-10980HK	NVIDIA GeForce RTX 2070 SUPER	153.5
ASUS	ROG Strix G G531	15.6	Intel Core i7-9750H	NVIDIA GeForce RTX 2070	153.5
ASUS	ROG Strix SCAR II GL504	15.6	Intel Core i7-8750H	NVIDIA GeForce RTX 2070	146.5
ASUS	ROG Strix Hero II GL504	15.6	Intel Core i7-8750H	NVIDIA GeForce GTX 1060	146.5
ASUS	ROG Strix Hero III G531	15.6	Intel Core i7-9750H	NVIDIA GeForce RTX 2070	146.5
ASUS	ROG Strix SCAR III G531	15.6	Intel Core i7-9750H	NVIDIA GeForce GTX 1660Ti	153.3
ASUS	2021 ASUS TUF Gaming F15	15.6	Intel Core i7-11800H Intel Core i5-11400H Intel Core i5-11260H Intel Core i9-11900H	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3050 NVIDIA GeForce RTX 3060	142.4
ASUS	2021 ASUS TUF DASH F15	15.6	Intel Core i5-11300H Intel Core i7-11370H Intel Core i7-11375H	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3050	140.6

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
				NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070	
ASUS	2021 ASUS TUF Gaming A15	15.6	AMD Ryzen 7 5800H AMD Ryzen 5 5600H AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3060	142.4
ASUS	TUF Gaming F15	15.6	Intel Core i5-10200H Intel Core i5-10300H Intel Core i7-10750H Intel Core i7-10870H	NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1660 Ti	142.4
ASUS	TUF Gaming A15	15.6	AMD Ryzen 9 4900H AMD Ryzen 7 4800H AMD Ryzen 5 4600H	NVIDIA GeForce GTX 1660 Ti NVIDIA GeForce RTX 2060	142.4
ASUS	TUF Gaming FX505DV	15.6	AMD Ryzen 7 3750H AMD Ryzen 5 3550H	NVIDIA GeForce RTX 2060	146.1
Chuwi					
CHUWI	CoreBook Xe	15.6	Intel Core i5-10210U	Intel iRIS Xe Max	N/A
CHUWI	CoreBook XPro	15.6	Intel Core i5-8259U	Intel Iris Plus Graphics	134.3
CHUWI	HeroBook Plus	15.6	Intel Celeron J4125	Intel UHD Graphics	134.0
Dynabook (Formerly Toshiba)					
Dynabook	Satellite Pro L50-G	15.6	Intel Core i7 10510U	NVIDIA GeForce MX250	135.9
Dynabook	Satellite Pro C50-H	15.6	Intel Core i3-1005G1 Intel Core i5-1035G1	Intel UHD Graphics	135.9

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Dynabook	Tecra A50-F	15.6	Intel Core i5-8250U Intel Core i5-8265U Intel Core i7-8565U	Intel UHD Graphics 620	152.0
Dynabook	Tecra A50-J	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics	131.1
Fujitsu					
Fujitsu	CELSIUS H780	15.6	Intel Core i7-8850H Intel Core i7-8750H	NVIDIA Quadro P600 NVIDIA Quadro P1000 NVIDIA Quadro P2000 NVIDIA Quadro P3200	152.0
Fujitsu	Lifebook A3510	15.6	Intel Core i5-1035G1 Intel Core i3-1005G1	Intel UHD Graphics	136.4
Fujitsu	Lifebook E459	15.6	Intel Core i3-7020U Intel Core i3-8130U Intel Core i5-8250U Intel Core i5-8350U Intel Core i7-8550U	Intel UHD Graphics 620	150.4
Fujitsu	Lifebook E5510	15.6	Intel Core i3-10110U Intel Core i5-10210U Intel Core i5-10310U Intel Core i7-10510U Intel Core i7-10610U	Intel UHD Graphics	150.4
Fujitsu	Lifebook U7510	15.6	Intel Core i3-10110U Intel Core i5-10210U Intel Core i5-10310U Intel Core i7-10510U Intel Core i7-10610U	Intel UHD Graphics	150.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Fujitsu	Lifebook U7511	15.6	Intel Core i3-1115G4 Intel Core i5-1145G7 Intel Core i5-1135G7 Intel Core i7-1185G7 Intel Core i7-1165G7	Intel UHD Graphics Intel Iris Xe Graphics	127.4
Fujitsu	CELSIUS H780	15.6	Intel Core i7-8850H Intel Core i7-8750H	NVIDIA Quadro P600 NVIDIA Quadro P1000 NVIDIA Quadro P2000 NVIDIA Quadro P3200	152.0
Fujitsu	Lifebook A3510	15.6	Intel Core i5-1035G1 Intel Core i3-1005G1	Intel UHD Graphics	136.4
HP					
HP	250 G8	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.3
HP	255 G8	15.6	AMD Ryzen 5 3500U	AMD Radeon Graphics	134.3
HP	EliteBook 850 G8	15.6	Intel Core i5-1135G7 Intel Core i5-1145G7 Intel Core i7-1185G7	Intel Iris Xe Graphics	128.9
HP	EliteBook 855 G8	15.6	AMD Ryzen 3 PRO 5450U AMD Ryzen 5 PRO 5650U AMD Ryzen 7 PRO 5850U	AMD Radeon Graphics	130.2

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
HP	ENVY Laptop - 15t	15.6	Intel Core i7-11800H Intel Core i9-11900H	NVIDIA GeForce RTX 3050 NVIDIA GeForce RTX 3060	131.3
HP	Laptop 15t	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics NVIDIA GeForce MX350	134.5
HP	Laptop 15z	15.6	AMD Athlon Gold 3150U AMD Ryzen 3 3250U AMD Ryzen 5 4500U AMD Ryzen 7 4700U	AMD Radeon Graphics	134.5
HP	Pavilion 15z	15.6	AMD Ryzen 5 5500U AMD Ryzen 7 5700U	AMD Radeon Graphics	130.6
HP	Pavilion 15t	15.6	Intel Core i7-1165G7	NVIDIA GeForce MX450	130.6
HP	Pavilion Gaming 15	15.6	Intel Core i5-11300H	NVIDIA GeForce RTX 3050 Ti	142.8
HP	Pavilion Gaming 15t	15.6	Intel Core i5-11300H Intel Core i7-11370H	NVIDIA GeForce GTX 1650 NVIDIA GeForce RTX 3050	142.8
HP	Pavilion Gaming 15z	15.6	AMD Ryzen 5 5600H AMD Ryzen 7 5800H	NVIDIA GeForce GTX 1650	143.4
HP	ProBook 450 G8	15.6	Intel Core i3-1115G4 Intel Core i5-1135G7 Intel Core i7-1165G7	Intel UHD Graphics Intel Iris Xe Graphics NVIDIA GeForce MX450	130.1
HP	ProBook 455 G8	15.6	AMD Ryzen 3 5400U AMD Ryzen 5 5600U AMD Ryzen 7 5800U	AMD Radeon Graphics	130.1
HP	ProBook 650 G8	15.6	Intel i3-1115G4 Intel i5-1135G7 Intel i7-1165G7	Intel UHD Graphics Intel Iris Xe Graphics NVIDIA GeForce MX450	130.1

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
HP	ZBook Fury 15 G8	15.6	Intel Core i5-11500H Intel Core i7-11800H Intel Core i7-11850H Intel Core i9-11900H Intel Core i9-11950H Intel Xeon W-11955M	Intel UHD NVIDIA T1200 NVIDIA RTX A2000 NVIDIA RTX A3000 NVIDIA RTX A4000 NVIDIA RTX A5000 AMD Radeon Pro W6600M	135.7
HP	ZBook Power G7	15.6	Intel Core i5-10400H	NVIDIA Quadro P620	130.3
HP	ZBook Power G8	15.6	Intel Core i5-11400H Intel Core i7-11800H Intel Core i7-11850H Intel Core i9-11900H Intel Core i9-11950H	Intel UHD NVIDIA Quadro T600 NVIDIA Quadro RTX A2000 NVIDIA Quadro T1200	130.3
HP	Zbook Firefly G8	15.6	Intel Core i5-1135G7 Intel Core i5-1145G7 Intel Core i7-1165G7 Intel Core i7-1185G7	Intel Iris X ^e Graphics NVIDIA T500 Graphics	130.0
HP	Zbook Studio G7	15.6	Intel Core i5-10400H	NVIDIA Quadro T1000	128.7
HP	Zbook Studio G8	15.6	Intel Core i7-11800H Intel Core i7-11850H Intel Core i9-11900H Intel Core i9-11950H	Intel Iris X ^e Graphics NVIDIA T1200 NVIDIA RTX A2000 NVIDIA RTX A3000	128.7

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
				NVIDIA RTX A4000 NVIDIA RTX 3070	
HP	OMEN 15t	15.6	Intel Core i5-10300H Intel Core i7-10870H	NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070	133.0
HP	OMEN 15z	15.6	AMD Ryzen 5 4600H AMD Ryzen 7 4800H	NVIDIA GeForce GTX 1650Ti NVIDIA GeForce GTX 1660Ti	133.0
Huawei					
Huawei	MateBook D 15 2020 AMD	15.6	AMD Ryzen 5 4500U AMD Ryzen 7 4700U	AMD Radeon Graphics	127.5
Huawei	MateBook D 15 2021	15.6	Intel Core i5-1135G7	Intel Xe Graphics	127.5
Lenovo					
Lenovo	Ideapad 3 15" (AMD)	15.6	AMD Ryzen 3 5300U AMD Ryzen 5 5500U	AMD Radeon Graphics	131.6
Lenovo	Ideapad 3 15" (Intel)	15.6	Intel Core i3-10110U	Intel UHD Graphics	142.2
Lenovo	Ideapad Gaming 3 15"	15.6	AMD Ryzen 5 4600H	NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1650Ti	138.9
Lenovo	Ideapad 3i 15" (Intel)	15.6	Intel Core i3-1115G4 Intel Core i5-1135G7	Intel Iris Xe Graphics	131.6
Lenovo	Ideapad 5 15" (Intel)	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics	129.2
Lenovo	Ideapad Gaming 3i 15"	15.6	Intel Core i5-10300H Intel Core i7-10750H	NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1660Ti	138.9

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Lenovo	IdeaPad Gaming 3 15" (AMD)	15.6	AMD Ryzen 5 5600H	NVIDIA GeForce GTX 1650	140.5
Lenovo	IdeaPad Slim 7 15"	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	126.0
Lenovo	Legion 5i 15"	15.6	Intel Core i7-10750H	NVIDIA GeForce GTX 1660Ti NVIDIA GeForce RTX 2060	145.9
Lenovo	Legion 5 Gen 6 15" AMD	15.6	AMD Ryzen 7 5800H	NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3050 NVIDIA GeForce RTX 3050 Ti AMD Radeon RX 6600M	146.1
Lenovo	Legion 5i Gen 6 15" Intel	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3050 NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 1650	146.1
Lenovo	Legion 5 15" AMD	15.6	AMD Ryzen 7 4800H	NVIDIA GeForce GTX 1650 NVIDIA GeForce GTX 1650Ti NVIDIA GeForce GTX 1660Ti NVIDIA GeForce RTX 2060	145.9
Lenovo	Legion Slim 7 Gen 6 AMD	15.6	AMD Ryzen 7 5800H AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3060	139.1
Lenovo	Legion 7i 15"	15.6	Intel Core i9-10980HK	NVIDIA GeForce RTX 2060 NVIDIA GeForce RTX 2070 NVIDIA GeForce RTX 2080	141.0
Lenovo	Legion Slim 7i	15.6	Intel Core i7-10875H	NVIDIA GeForce RTX 2060	138.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Lenovo	Legion Y540	15.6	Intel Core i5-9300HF Intel Core i7-9750H	NVIDIA GeForce RTX 2060	149.1
Lenovo	Legion Y740	15.6	Intel Core i7-9750H	NVIDIA GeForce RTX 2070	149.1
Lenovo	ThinkPad E15 Gen 2 (Intel)	15.6	Intel Core i3-1115G4 Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics	135.7
Lenovo	ThinkPad E15 Gen 2 (AMD)	15.6	AMD Ryzen 5 4500U AMD Ryzen 7 4700U	AMD Radeon Graphics	135.4
Lenovo	ThinkPad E15 Gen 3 (AMD)	15.6	AMD Ryzen 3 5300U AMD Ryzen 5 5500U AMD Ryzen 7 5700U	AMD Radeon Graphics	135.7
Lenovo	ThinkPad L15 Gen 2 (Intel)	15.6	Intel Core i3-1115G4 Intel Core i7-1165G7	NVIDIA GeForce MX450	142.0
Lenovo	ThinkPad L15 Gen 2 (AMD)	15.6	AMD Ryzen 3 PRO 5450U AMD Ryzen 5 Pro 5650U	AMD Radeon Graphics	142.0
Lenovo	ThinkPad T15 15" (Intel)	15.6	Intel Core i7-10610U	NVIDIA GeForce MX330	139.7
Lenovo	ThinkPad T15p	15.6	Intel Core i5-10300H Intel Core i5-10400H Intel Core i7-10750H Intel Core i7-10850H	NVIDIA GeForce GTX 1050	141.9
Lenovo	ThinkPad T15 Gen 2	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics NVIDIA GeForce MX450	140.5
Lenovo	ThinkPad P15s Gen 2	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	NVIDIA Quadro T500	140.5

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Lenovo	ThinkPad T15p Gen 2 (Intel)	15.6	Intel Core i5-11400H Intel Core i7-11800H	NVIDIA GeForce GTX 1650	142.0
Lenovo	ThinkPad X1 Extreme Gen 1	15.6	Intel Core i7-8750H	NVIDIA GeForce GTX 1050Ti	137.7
Lenovo	ThinkPad P15	15.6	Intel Core i9-10980HK Intel Xeon W-10885M	NVIDIA Quadro T1000 NVIDIA Quadro T2000 NVIDIA Quadro RTX 3000 NVIDIA Quadro RTX 4000 NVIDIA Quadro RTX 5000	146.8
Lenovo	ThinkPad P15v Gen 2 (Intel)	15.6	Intel Core i5-11400H Intel Core i7-11800H Intel Core i9-11950H	NVIDIA Quadro T600 NVIDIA Quadro T1200 NVIDIA Quadro RTX A2000	142.0
Lenovo	ThinkPad X1 Extreme Gen 3	15.6	Intel Core i7-10750H	NVIDIA GeForce GTX 1650Ti	137.7
Lenovo	ThinkPad P15 Gen 2 (Intel)	15.6	Intel Core i5-11500H Intel Core i7-11800H Intel Core i9-11950H Intel Xeon W-11855M	NVIDIA Quadro T1200 NVIDIA Quadro RTX A2000 NVIDIA Quadro RTX A3000 NVIDIA Quadro RTX A4000 NVIDIA Quadro RTX A5000	145.5
Lenovo	ThinkPad T15g Gen 2 (Intel)	15.6	Intel Core i7-11800H Intel Core i9-11950H Intel Xeon W-11855M	NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3080	145.5
Lenovo	ThinkPad P1 Gen 3	15.6	Intel Core i9-10885H Intel Xeon W-10855M	NVIDIA Quadro T1000 NVIDIA Quadro T2000	137.7
Lenovo	ThinkPad L15	15.6	Intel Core i7-10610U	AMD Radeon 625	142.0
Lenovo	ThinkBook 15 Gen 2 Intel	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	130.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
LG					
LG	gram (15Z90P)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	123.9
LG	Ultra PC (15U70P)	15.6	Intel Core i7-1165G7	NVIDIA GeForce GTX 1650Ti	138.2
LG	gram (15Z90N)	15.6	Intel Core i5-1035G7	Intel Iris Plus	125.5
LG	gram (15Z990)	15.6	Intel Core i7-8565U	Intel UHD Graphics 620	126.9
LG	gram (15Z95N-G)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	125.5
LG	gram (15Z95N-H)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	125.5
LG	gram (15Z995)	15.6	Intel Core i7-10510U	Intel UHD Graphics	126.9
Microsoft					
Microsoft	Surface Laptop 3 15"	15.0	AMD Ryzen 5 3580U AMD Ryzen 7 3780U	AMD Radeon Vega 9 AMD Radeon RX Vega 11	Microsoft
Microsoft	Surface Laptop 4 15"	15.0	Intel Core i7-1185G7 AMD Ryzen 7 4980U	Intel Iris Xe Graphics AMD Radeon Graphics	Microsoft
Razer					
Razer	Blade 15 Base Edition	15.6	Intel Core i7-11800H Intel Core i7-10750H	NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070 GeForce GTX 1660 Ti	129.3

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
				GeForce RTX 2060 GeForce RTX 2070	
Razer	Blade 15 Advanced Edition	15.6	Intel Core i7-11800H Intel Core i7-10875H	NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3080 GeForce RTX 2070 GeForce RTX 2080	129.3
Razer	Blade 15 Studio Edition	15.6	Intel Core i7-10875H	NVIDIA Quadro RTX 5000	129.3
Sager					
Sager	NP8753S	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3080	131.8
Sager	NP8753R	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3070	131.8
Sager	NP7859PQ-S	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3060	144.4
Sager	NP7859KQ	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050 Ti	144.4
Sager	NP7859JQ	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050	144.4
Sager	NP3550U	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics	122.0
Samsung					
Samsung	Galaxy Book Pro 15.6"	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics	124.4

Figure 1: Processor, graphics, and size information. All links and data current as of 11/04/2021.

Brand	Model	Screen size (in.)	Battery claim	Battery information
Dell	XPS 15 (9500) XPS 15 (9510)	15.6	(10th Gen) up to 25hrs *website quotes 16 hours 52 minutes (11th Gen) 13 hours 20 minutes	6 cell Lithium Ion 86Wh
Dell	ALIENWARE M15 R4	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	ALIENWARE M15 R6	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	ALIENWARE M15 RYZEN EDITION R5	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	ALIENWARE X15	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	G15 5510	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	G15 5511	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	G15 5511 Special Edition	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	G15 5515 Ryzen Edition	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	Inspiron 15 3511	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh

Brand	Model	Screen size (in.)	Battery claim	Battery information
Dell	Inspiron 15 5510	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	Latitude 3520	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	Latitude 5520	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	Latitude 5521	15.6	No official claim	40 Whr
Dell	Latitude 7520	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	Latitude 9520	15.0	No official claim	40 Whr
Dell	Precision 3560	15.6	No official claim	40 Whr
Dell	Precision 3561	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	Precision 5560	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dell	Precision 7550	15.6	No official claim	40 Whr
Dell	Precision 7560	15.6	No official claim	40 Whr
Dell	Vostro 3500	15.6	No official claim	4-cell 45.6 Wh
Dell	Vostro 3510	15.6	No official claim	4-cell 45.6 Wh
Dell	Vostro 5510	15.6	No official claim	40 Whr
Dell	Vostro 7500	15.6	No official claim	4-cell 45.6 Wh

Brand	Model	Screen size (in.)	Battery claim	Battery information
Dell	Vostro 7510	15.6	No official claim	4-cell 45.6 Wh
Acer				
Acer	Aspire 1 (A115-32-C6FQ)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 1 (A115-32-C28P)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 1 (A115-32-C44C)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 1 (A115-32-C6LV)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 3 (A315-21-95KF)	15.6	5.5 hours	2 cell Lithium Ion 4810 mAh
Acer	Aspire 3 (A315-23-R4PF)	15.6	No official claim	2 cell Lithium Ion
Acer	Aspire 3 (A315-23-R252)	15.6	No official claim	2 cell Lithium Ion
Acer	Aspire 3 (A315-23-A8GY)	15.6	9 hours	3 cell Lithium Ion
Acer	Aspire 3 (A315-56-38UT)	15.6	8 hours	2 cell Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	Aspire 3 (A315-56-51N1)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 3 (A315-35-C86R)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 3 (A315-35-P93H)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 3 (A315-58-39QZ)	15.6	9 hours	2 cell Lithium Ion
Acer	Aspire 3 (A315-58-3065)	15.6	9 hours	2 cell Lithium Ion
Acer	Aspire 3 (A315-58-5809)	15.6	9 hours	2 cell Lithium Ion
Acer	Aspire 5 (A515-43-R6DE)	15.6	7 hours	3-cell Lithium Ion
Acer	Aspire 5 (A515-55T-53AP)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-44-R6TV)	15.6	10 hours	3-cell Lithium Ion
Acer	Aspire 5 (A515-56-75B6)	15.6	8 hours	3 cell Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	Aspire 5 (A515-56-54KJ)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-56DJ)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-76J1)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56T-718X)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-55-39ND)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-55J8)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-74B9)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-511M)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-3453)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-50RS)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-51AE)	15.6	8 hours	3 cell Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	Aspire 5 (A515-56T-77S8)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-7404)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-34A3)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-363A)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56T-58LT)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56T-77PS)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-45-R6WB)	15.6	10 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-45-R2B5)	15.6	10 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-46-R14K)	15.6	10 hours	3 cell Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	Aspire 5 (A515-56-36UT)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56T-55FB)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-45-R3SU)	15.6	10 hours	3-cell Lithium Ion
Acer	Aspire 5 (A515-56-53AV)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-45-R9YK)	15.6	10 hours	3-cell Lithium Ion
Acer	Aspire 5 (A515-45-R1YC)	15.6	10 hours	3-cell Lithium Ion
Acer	Aspire 5 (A515-46-R57W)	15.6	10 hours	3-cell Lithium Ion
Acer	Aspire 5 (A515-56-54XJ)	15.6	8 hours	3 cell Lithium Ion
Acer	Aspire 5 (A515-56-765W)	15.6	8 hours	3 cell Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	Aspire 7 (A715-42G-R20C)	15.6	10 hours	3 cell Lithium Ion
Acer	Aspire 7 (A715-42G-R2M7)	15.6	10 hours	3 cell Lithium Ion
Acer	Aspire Vero (AV15-51-5155)	15.6	7.5 hours	3 cell Lithium Ion
Acer	Aspire Vero (AV15-51-75QQ)	15.6	7.5 hours	3 cell Lithium Ion
Acer	Nitro 5 (AN515-55-54Q0)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-54-599H)	15.6	8 hours	4-cell Lithium Ion
Acer	Nitro 5 (AN515-44-R078)	15.6	10 hours	4-cell Lithium Ion
Acer	Nitro 5 (AN515-55-55SD)	15.6	9 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-55-72VN)	15.6	11 hours	4-cell 3560 mAh Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	Nitro 5 (AN515-55-53E5)	15.6	11 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-55-56AP)	15.6	11 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-57-584Y)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-55-57BK)	15.6	11 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-57-73DH)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-57-700J)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-57-56FC)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-57-57WX)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-55-57C4)	15.6	11 hours	4-cell 3560 mAh Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	Nitro 5 (AN515-57-5700)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-55-55M1)	15.6	11 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-57-75ZA)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-57-536Q)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 (AN515-57-74TT)	15.6	8 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 AMD (AN515-44-R99Q)	15.6	10 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 AMD (AN515-45-R92M)	15.6	10 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 AMD (AN515-45-R9QH)	15.6	10 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 AMD (AN515-45-R83Z)	15.6	10 hours	4-cell 3560 mAh Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	Nitro 5 AMD (AN515-45-R9FU)	15.6	10 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 AMD (AN515-45-R750)	15.6	10 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 AMD (AN515-45-R21A)	15.6	10 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 AMD (AN515-45-ROFN)	15.6	10 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 AMD (AN515-45-R1XY)	15.6	10 hours	4-cell 3560 mAh Lithium Ion
Acer	Nitro 5 AMD (AN515-45-R1JF)	15.6	10 hours	4-cell 3560 mAh Lithium Ion
Acer	Predator Helios 300 (PH315-53-72XD)	15.6	6 hours	4-cell Lithium Ion
Acer	Predator Helios 300 (PH315-53-736J)	15.6	No official claim	4-cell Lithium Ion
Acer	Predator Helios 300	15.6	No official claim	4-cell Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
	(PH315-53-71VG)			
Acer	Predator Helios 300 (PH315-53-71HN)	15.6	6 hours	4-cell Lithium Ion
Acer	Predator Helios 300 (PH315-53-70QE)	15.6	6 hours	4-cell Lithium Ion
Acer	Predator Helios 300 (PH315-53-76JX)	15.6	6 hours	4-cell Lithium Ion
Acer	Predator Helios 300 (PH315-53-78XB)	15.6	6 hours	4-cell Lithium Ion
Acer	Predator Helios 300 (PH315-54-760S)	15.6	No official claim	4-cell Lithium Ion
Acer	Predator Helios 300 (PH315-54-731M)	15.6	No official claim	4-cell Lithium Ion
Acer	Predator Helios 300	15.6	No official claim	4-cell Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
	(PH315-54-78WN)			
Acer	Predator Helios 300 (PH315-54-748Y)	15.6	No official claim	4-cell Lithium Ion
Acer	Predator Triton 300 (PT315-52-7337)	15.6	No official claim	4-cell Lithium Ion
Acer	Predator Triton 300 (PT315-52-73WT)	15.6	No official claim	4-cell Lithium Ion
Acer	Predator Triton 300 (PT315-53-70RT)	15.6	8 hours	4-cell Lithium Ion
Acer	Predator Triton 300 (PT315-53-7691)	15.6	8 hours	4-cell Lithium Ion
Acer	Predator Triton 300 (PT315-53-79FG)	15.6	8 hours	4-cell Lithium Ion
Acer	Predator Triton 500	15.6	No official claim	4-cell 5400mAh Lithium Polymer

Brand	Model	Screen size (in.)	Battery claim	Battery information
	(PT515-51-73Z5)			
Acer	Predator Triton 500 (PT515-52-71K5)	15.6	7 hours	4-cell Lithium Ion
Acer	Predator Triton 500 (PT515-52-77P9)	15.6	4 hours	4-cell Lithium Ion
Acer	Predator Triton 500 (PT515-52-742J)	15.6	4 hours	4-cell Lithium Ion
Acer	TravelMate P2 (TMP215-52-7299)	15.6	12 hours	3-cell Lithium Ion
Acer	TravelMate P2 (TMP215-52-574C)	15.6	12 hours	3-cell Lithium Ion
Acer	TravelMate P2 (TMP215-53-58YF)	15.6	12 hours	3-cell Lithium Ion
Acer	TravelMate P2 (TMP215-53-57QD)	15.6	12 hours	3-cell Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	TravelMate P2 (TMP215-53-704M)	15.6	12 hours	3-cell Lithium Ion
Acer	ConceptD 7 (CN715-72G-703T)	15.6	7 hours	4-cell 5400 mAh Li-ion
Acer	ConceptD 7 Pro (CN715-71P-727W)	15.6	8 hours	4-cell 5550 mAh Li-ion
Acer	ConceptD 5 (CN515-51-72FX)	15.6	7 hours	4-cell 3220 mAh Lithium Ion
Acer	ConceptD 5 Pro (CN515-71P-75XP)	15.6	6 hours	4-cell Lithium Ion
Acer	ConceptD 5 Pro (CN515-71P-72PQ)	15.6	6 hours	4-cell Lithium Ion
Acer	ConceptD 3 Pro (CN315-71P-58N0)	15.6	12 hours	4-cell Lithium Ion
Acer	ConceptD 3 (CN315-72G-70NP)	15.6	14 hours	4-cell Lithium Ion
Acer	Aspire 1 (A115-32-C6FQ)	15.6	8 hours	2 cell Lithium Ion

Brand	Model	Screen size (in.)	Battery claim	Battery information
Acer	Aspire 1 (A115-32-C28P)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 1 (A115-32-C44C)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 1 (A115-32-C6LV)	15.6	8 hours	2 cell Lithium Ion
Acer	Aspire 3 (A315-21-95KF)	15.6	5.5 hours	2 cell Lithium Ion 4810 mAh
Acer	Aspire 3 (A315-23-R4PF)	15.6	No official claim	2 cell Lithium Ion
GIGABYTE				
GIGABYTE	Aero 15 OLED (Intel 11th Gen)	15.6	8 hours	Li Polymer 99Wh
GIGABYTE	AORUS 15P (Intel 11th Gen)	15.6	8 hours	Li Polymer 99Wh
GIGABYTE	G5 (Intel 11th Gen)	15.6	No official claim	Li-ion 48.96Wh
GIGABYTE	A5 (AMD)	15.6	No official claim	Li-ion 48.96Wh
GIGABYTE	AERO 15 OLED (RTX 30 Series)	15.6	No official claim	Li Polymer 99Wh
GIGABYTE	AERO 15 (RTX 30 Series)	15.6	No official claim	Li Polymer 99Wh

Brand	Model	Screen size (in.)	Battery claim	Battery information
GIGABYTE	AORUS 15G (RTX 30 Series)	15.6	8 hours	Li Polymer 99Wh
GIGABYTE	AORUS 15P (RTX 30 Series)	15.6	8 hours	Li Polymer 99Wh
GIGABYTE	G5 (RTX 30 Series)	15.6	No official claim	Li-ion 48.96Wh
ASUS				
ASUS	ProArt StudioBook One W590	15.6	No official claim	12-Cell 90 Wh
ASUS	ProArt StudioBook Pro 15 W500	15.6	No official claim	4-Cell 76 Wh
ASUS	ProArt StudioBook 15 H500	15.6	No official claim	4-Cell 76 Wh
ASUS	ZenBook Pro Duo 15 OLED UX582	15.6	No official claim	92Wh 8-cell
ASUS	ZenBook Pro 15 OLED UM535	15.6	No official claim	92Wh 8-cell
ASUS	ZenBook Pro 15 UM535	15.6	No official claim	92Wh 8-cell

Brand	Model	Screen size (in.)	Battery claim	Battery information
ASUS	ZenBook Pro 15 OLED UX535	15.6	No official claim	96 Wh 6-cell Li-ion battery
ASUS	ZenBook Pro Duo UX581	15.6	7.5 hours	71Wh 8-cell Rechargeable Li-Polymer Battery Pack
ASUS	ZenBook Pro 15 UX535	15.6	No official claim	96 Wh 6-cell Li-ion battery
ASUS	ZenBook Pro 15 UX580	15.6	9.5 hours	8 cell 71 Wh lithium polymer
ASUS	ZenBook Pro 15 UX550	15.6	9.5 hours	8 cell 71 Wh lithium polymer
ASUS	ZenBook UX530	15.6	9 hours	50Wh 3-cell lithium-polymer battery
ASUS	ZenBook 15 UX534	15.6	14.9 hours	8 cell 71 Wh lithium polymer
ASUS	ZenBook 15 UX533	15.6	14.9 hours	8 cell 71 Wh lithium polymer
ASUS	ExpertBook L1 L1500	15.6	No official claim	3 cell 42 Wh
ASUS	ExpertBook B1 B1500	15.6	No official claim	3 cell 42 Wh
ASUS	ExpertBook P1 P1510 (AMD Ryzen 3000 series)	15.6	No official claim	2 cell 32 Wh
ASUS	ExpertBook P1 P1510	15.6	12 hours	2 cell 32 Wh

Brand	Model	Screen size (in.)	Battery claim	Battery information
ASUS	ExpertBook P2 P2540	15.6	16 hours with 70Wh	3-Cell 50 Whrs 4-Cell 70 Whrs
ASUS	VivoBook Go 15 E510	15.6	No official claim	3 cell 47 Whrs
ASUS	VivoBook Pro 15 OLED K3500	15.6	No official claim	3 cell 47 Whrs
ASUS	VivoBook Pro 15 OLED M3500	15.6	No official claim	3 cell 47 Whrs
ASUS	VivoBook Pro 15 M3500	15.6	No official claim	3 cell 47 Whrs
ASUS	VivoBook Pro 15 K3500	15.6	No official claim	3 cell 47 Whrs
ASUS	VivoBook Pro 15 N580	15.6	No official claim	3 cell 47 Whrs
ASUS	VivoBook Pro 15 N552	15.6	No official claim	4-Cell 3200 mAh
ASUS	VivoBook S15 S532 (11th Gen Intel)	15.6	No official claim	3 cell 42 Whrs
ASUS	VivoBook S15 S533 (11th Gen Intel)	15.6	11 hours	3 cell 50 Wh
ASUS	VivoBook 15 OLED M513	15.6	No official claim	3 cell 42 Whrs

Brand	Model	Screen size (in.)	Battery claim	Battery information
	(AMD Ryzen 5000 series)			
ASUS	VivoBook 15 OLED K513 (11th Gen Intel)	15.6	8.5 hours	3 cell 42 Whrs
ASUS	VivoBook S15 M533 (AMD Ryzen 5000 series)	15.6	11 hours	3 cell 50 Whrs
ASUS	VivoBook 15 M513 (AMD Ryzen 5000 series)	15.6	No official claim	3 cell 42 Whrs
ASUS	VivoBook 15 X513 (11th Gen Intel)	15.6	8.5 hours	3 cell 42 Whrs
ASUS	VivoBook 15 K513 (11th Gen Intel)	15.6	8.5 hours	3 cell 42 Whrs
ASUS	VivoBook 15 M513	15.6	No official claim	3 cell 42 Whrs
ASUS	VivoBook 15 X512	15.6	No official claim	2 cell 37 Whrs 2 cell 32 Whrs
ASUS	VivoBook 15 X571	15.6	No official claim	3 cell 42 Whrs
ASUS	VivoBook 15 X510	15.6	No official claim	3 cell 42 Whrs

Brand	Model	Screen size (in.)	Battery claim	Battery information
ASUS	VivoBook 15 X540	15.6	6 hours	3-cell 33 Whrs
ASUS	VivoBook 15 X542	15.6	No official claim	2 cell 38 Whrs
ASUS	E510	15.6	8 hours	3 -Cell 42 Wh
ASUS	ROG ZEPHYRUS M15 GU502	15.6	8 hours 41 minutes	4 cell 76 Whrs Li-ion
ASUS	ROG ZEPHYRUS GX501	15.6	2 hours	4 cell 50 Whrs Li-ion
ASUS	ROG Strix G15 Advantage Edition G513	15.6	12 hours	4-cell 56 WHrs 4-cell 90 WHrs
ASUS	ROG Strix G15 G513	15.6	12 hours	4-cell 56 WHrs 4-cell 90 WHrs
ASUS	ROG Zephyrus G15 GA503	15.6	14 hours	4 cell 90Wh
ASUS	ROG Strix SCAR 15 G533	15.6	12 hours	4-cell 90 WHrs
ASUS	ROG Zephyrus Duo 15 SE GX551	15.6	No official claim	4 cell 90Wh
ASUS	ROG Zephyrus Duo 15 GX550	15.6	No official claim	4-cell 90 WHrs
ASUS	ROG Strix G15 G512	15.6	No official claim	4-cell 66 WHrs

Brand	Model	Screen size (in.)	Battery claim	Battery information
ASUS	ROG Strix SCAR 15 G532	15.6	No official claim	4 cell 66 Whrs
ASUS	ROG Zephyrus G15 GA502	15.6	10 hours	4-cell 76 WHrs
ASUS	ROG Strix G G531	15.6	No official claim	4-cell 66 WHrs
ASUS	ROG Strix SCAR II GL504	15.6	No official claim	4 cell 66 Whrs
ASUS	ROG Strix Hero II GL504	15.6	No official claim	4 cell 66 Whrs
ASUS	ROG Zephyrus S GX531	15.6	108 minutes	4-cell 60 WHrs
ASUS	ROG Zephyrus M GM501	15.6	No official claim	4-cell 55 WHrs
ASUS	ROG Zephyrus S15 GX502	15.6	106 minutes Web browsing 174 minutes 1080p video playback	4 cell 76 Whrs Li-ion
ASUS	ROG Strix SCAR III G531	15.6	No official claim	4 cell 66 Whrs
ASUS	ROG Strix Hero III G531	15.6	No official claim	4 cell 66 Whrs
ASUS	2021 ASUS TUF Gaming F15	15.6	14.7 hours	4 cell 90Wh
ASUS	2021 ASUS TUF DASH F15	15.6	16.6 hours	4 cell 76Wh
ASUS	2021 ASUS TUF Gaming A15	15.6	14.5 hours	4 cell 90Wh

Brand	Model	Screen size (in.)	Battery claim	Battery information
ASUS	TUF Gaming FX505DV	15.6	5.3 hours	3-cell 48 Whr
ASUS	TUF Gaming F15	15.6	12.5 hours	4 cell 90 Wh lithium-polymer 3 cell 48 Wh lithium-polymer
ASUS	TUF Gaming A15	15.6	12.3 hours	90 Wh lithium-polymer 48 Wh lithium-polymer
ASUS	ProArt StudioBook One W590	15.6	No official claim	12-Cell 90 Wh
ASUS	ProArt StudioBook Pro 15 W500	15.6	No official claim	4-Cell 76 Wh
ASUS	ProArt StudioBook 15 H500	15.6	No official claim	4-Cell 76 Wh
ASUS	ZenBook Pro Duo 15 OLED UX582	15.6	No official claim	92Wh 8-cell
ASUS	ZenBook Pro 15 OLED UM535	15.6	No official claim	92Wh 8-cell
ASUS	ZenBook Pro 15 UM535	15.6	No official claim	92Wh 8-cell
ASUS	ZenBook Pro 15 OLED UX535	15.6	No official claim	96 Wh 6-cell Li-ion battery
ASUS	ZenBook Pro Duo UX581	15.6	7.5 hours	71Wh 8-cell Rechargeable Li-Polymer Battery Pack

Brand	Model	Screen size (in.)	Battery claim	Battery information
ASUS	ZenBook Pro 15 UX535	15.6	No official claim	96 Wh 6-cell Li-ion battery
ASUS	ZenBook Pro 15 UX580	15.6	9.5 hours	8 cell 71 Wh lithium polymer
ASUS	ZenBook Pro 15 UX550	15.6	9.5 hours	8 cell 71 Wh lithium polymer
ASUS	ZenBook UX530	15.6	9 hours	50Wh 3-cell lithium-polymer battery
ASUS	ZenBook 15 UX534	15.6	14.9 hours	8 cell 71 Wh lithium polymer
Chuwi				
CHUWI	CoreBook Xe	15.6	6 hours	NA
CHUWI	CoreBook XPro	15.6	6 hours	NA
CHUWI	HeroBook Plus	15.6	8 hours	38 Whr
Dynabook (Formerly Toshiba)				
Dynabook	Satellite Pro L50-G	15.6	No official claim	40 Whr
Dynabook	Satellite Pro C50-H	15.6	No official claim	4-cell 45.6 Wh
Dynabook	Tecra A50-F	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh
Dynabook	Tecra A50-J	15.6	10 hours (MobileMark 2014)	4-cell 45 Wh

Brand	Model	Screen size (in.)	Battery claim	Battery information
Fujitsu				
Fujitsu	CELSIUS H780	15.6	12 hours	8 cell 96 Wh
Fujitsu	Lifebook A3510	15.6	No official claim	3 cell 45 Wh
Fujitsu	Lifebook E459	15.6	12 hours	Lithium polymer battery 4-cell, 50 Wh
Fujitsu	Lifebook E5510	15.6	9 hours 50 minutes	4 cell 50Whr
Fujitsu	Lifebook U7510	15.6	10.5 hours	Lithium polymer battery 4-cell, 50 Wh
Fujitsu	Lifebook U7511	15.6	No official claim	4 cell 65 Whr
Fujitsu	CELSIUS H780	15.6	12 hours	8 cell 96 Wh
Fujitsu	Lifebook A3510	15.6	No official claim	3 cell 45 Wh
HP				
HP	250 G8	15.6	No official claim	3 cell, 41 Wh Li-ion
HP	255 G8	15.6	No official claim	3 cell, 41 Wh Li-ion
HP	EliteBook 850 G8	15.6	No official claim	3-cell (56 WHr) lithium-Ion Battery
HP	EliteBook 855 G8	15.6	No official claim	3-cell (56 WHr) lithium-Ion Battery
HP	ENVY Laptop - 15t	15.6	18 hours 15 minutes	6-Cell 83 Wh Li-ion
HP	Laptop 15t	15.6	No official claim	3 cell (41 WHr) Lithium-ion prismatic Battery

Brand	Model	Screen size (in.)	Battery claim	Battery information
HP	Laptop 15z	15.6	No official claim	3 cell (41 WHr) Lithium-ion prismatic Battery
HP	Pavilion 15z	15.6	No official claim	3 cell (41 WHr) Lithium-ion prismatic Battery
HP	Pavilion 15t	15.6	No official claim	3 cell (41 WHr) Lithium-ion prismatic Battery
HP	Pavilion Gaming 15	15.6	No official claim	3-cell, 41 Wh Li-ion
HP	Pavilion Gaming 15t	15.6	No official claim	3 cell (52.5 WHr)
HP	Pavilion Gaming 15z	15.6	No official claim	3 cell (52.5 WHr)
HP	ProBook 450 G8	15.6	No official claim	3-cell, 45 Wh Li-ion
HP	ProBook 455 G8	15.6	No official claim	3-cell, 45 Wh Li-ion
HP	ProBook 650 G8	15.6	No official claim	3-cell (45 WHr) Long Life
HP	ZBook Fury 15 G8	15.6	No official claim	8-cell (94 Whr) Long Life
HP	ZBook Power G7	15.6	No official claim	6-cell (83 Whr) Long Life
HP	ZBook Power G8	15.6	No official claim	6-cell (83 Whr) Long Life
HP	Zbook Firefly G8	15.6	No official claim	3-cell (56 WHr) lithium-Ion Battery
HP	Zbook Studio G7	15.6	No official claim	6-cell (83 Whr) Long Life

Brand	Model	Screen size (in.)	Battery claim	Battery information
HP	Zbook Studio G8	15.6	No official claim	6-cell (83 Whr) Long Life
HP	OMEN 15t	15.6	12.5 hours	6-Cell 70.9 Wh Li-ion
HP	OMEN 15z	15.6	12.5 hours	6-Cell 70.9 Wh Li-ion
HP	250 G8	15.6	No official claim	3 cell, 41 Wh Li-ion
HP	255 G8	15.6	No official claim	3 cell, 41 Wh Li-ion
HP	EliteBook 850 G8	15.6	No official claim	3-cell (56 WHr) lithium-Ion Battery
HP	EliteBook 855 G8	15.6	No official claim	3-cell (56 WHr) lithium-Ion Battery
Huawei				
Huawei	MateBook D 15 2020 AMD	15.6	No official claim	42 Wh
Huawei	MateBook D 15 2021	15.6	No official claim	42 Wh
Lenovo				
Lenovo	Ideapad 3 15" (AMD)	15.6	7 hours (MobileMark 2014)	2 Cell 35 Wh
Lenovo	Ideapad 3 15" (Intel)	15.6	7 hours (MobileMark 2014)	2 Cell 35 Wh
Lenovo	Ideapad Gaming 3 15"	15.6	7 hours (MobileMark 2014)	3 cell 45Wh

Brand	Model	Screen size (in.)	Battery claim	Battery information
Lenovo	Ideapad 3i 15" (Intel)	15.6	7.5 hours	3 cell 45Wh
Lenovo	Ideapad 5 15" (Intel)	15.6	11 hours	3 Cell 57Wh
Lenovo	Ideapad Gaming 3i 15"	15.6	7 hours (MobileMark 2014)	3 cell 45Wh
Lenovo	Ideapad Gaming 3 15" (AMD)	15.6	7 hours (MobileMark 2014)	3 cell 45Wh
Lenovo	Ideapad Slim 7 15"	15.6	11 hours	3 Cell 57Wh
Lenovo	Legion 5i 15"	15.6	7.7 hours with polymer 80Wh (MM2014) 6.8 hours with polymer 60Wh (MM2014)	80 WHr 60WHr
Lenovo	Legion 5 Gen 6 15" AMD	15.6	8 hours with polymer 80Wh (MM2014) 5 hours with polymer 60Wh (MM2014)	80 WHr 60WHr
Lenovo	Legion 5i Gen 6 15" Intel	15.6	7.7 hours with polymer 80Wh (MM2014) 6.8 hours with polymer 60Wh (MM2014)	80 WHr 60WHr
Lenovo	Legion 5 15" AMD	15.6	8 hours with polymer 80Wh (MM2014) 5 hours with polymer 60Wh (MM2014)	80 WHr 60WHr
Lenovo	Legion Slim 7 Gen 6 AMD	15.6	6 hours	4 Cells 71 WHr
Lenovo	Legion 7i 15"	15.6	7.7 hours with polymer 80Wh (MM2014)	4 Cells 80 WHr

Brand	Model	Screen size (in.)	Battery claim	Battery information
Lenovo	Legion Slim 7i	15.6	6 hours	4 Cells 71 WHr
Lenovo	Legion Y540	15.6	5 hours	3 Cell 57 WHr
Lenovo	Legion Y740	15.6	5 hours	3 Cell 57 WHr
Lenovo	ThinkPad E15 Gen 2 (Intel)	15.6	10.8 hours (MM14) 8.2 hours (MM18)	3 Cell 45 Wh
Lenovo	ThinkPad E15 Gen 2 (AMD)	15.6	12.7 hours (MM14) 10.4 hours (MM18)	3 Cell 45 Wh
Lenovo	ThinkPad E15 Gen 3 (AMD)	15.6	12.2 hours (MobileMark 2014)	45 Wh
Lenovo	ThinkPad L15 Gen 2 (Intel)	15.6	11.6 hours (MM14) 7 hours (MM18)	3 Cell 45 Wh
Lenovo	ThinkPad L15 Gen 2 (AMD)	15.6	11.6 hours (MM14) 7 hours (MM18)	3 Cell 45 Wh
Lenovo	ThinkPad T15 15" (Intel)	15.6	15.3 hours (MM14) 9.9 hours (MM18)	3 Cell 57 Wh
Lenovo	ThinkPad T15p	15.6	12.1 hours (MM14) 7.9 hours (MM18)	6 Cell 68 Wh
Lenovo	ThinkPad T15 Gen 2	15.6	12 hours	3 Cell 57 Wh
Lenovo	ThinkPad P15s Gen 2	15.6	No official claim	3 Cell 57 Wh
Lenovo	ThinkPad T15p Gen 2 (Intel)	15.6	12.1 hours (MM14) 7.9 hours (MM18)	6 Cell 68 Wh
Lenovo	ThinkPad X1 Extreme Gen 1	15.6	15 hours 80Wh (MobileMark 2014) 12 hours (MM18)	4 Cell 80 Wh

Brand	Model	Screen size (in.)	Battery claim	Battery information
LG				
LG	gram (15Z90P)	15.6	19.5 hours	2 cell 80 Wh
LG	Ultra PC (15U70P)	15.6	17.5 hours	2 cell 80 Wh
LG	gram (15Z90N)	15.6	18.5 hours (MobileMark 2014)	2 cell lithium ion polymer 80Wh
LG	gram (15Z990)	15.6	18.5 hours (MobileMark 2014)	4 cell lithium ion polymer 72Wh
LG	gram (15Z95N-G)	15.6	21 hours	2 cell 80 Wh
LG	gram (15Z95N-H)	15.6	19.5 hours	2 cell 80 Wh
LG	gram (15Z995)	15.6	21 hours (MobileMark 2014)	4 cell lithium ion polymer 72Wh
Microsoft				
Microsoft	Surface Laptop 3 15"	15.0	11.5 hours	Not reported
Microsoft	Surface Laptop 4 15"	15.0	17.5 hours (AMD) 16.5 hours (Intel)	45.8 Wh
Razer				
Razer	Blade 15 Base Edition	15.6	6 hours	65 Wh

Brand	Model	Screen size (in.)	Battery claim	Battery information
Razer	Blade 15 Advanced Edition	15.6	7 hours	80 Wh
Razer	Blade 15 Studio Edition	15.6	No official claim	65 Wh
Sager				
Sager	NP8753S	15.6	No official claim	4-cell 48.96 Wh
Sager	NP8753R	15.6	No official claim	4-cell 48.96 Wh
Sager	NP7859PQ-S	15.6	No official claim	4-cell 48.96 Wh
Sager	NP7859KQ	15.6	No official claim	4-Cell 48.96Wh
Sager	NP7859JQ	15.6	No official claim	4-Cell 48.96Wh
Sager	NP3550U	15.6	No official claim	73 Wh
Samsung				
Samsung	Galaxy Book Pro 15.6"	15.6	20 hours	68 Wh

Figure 2: Battery information. All links and data current as of 11/04/2021.



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