

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 1/28/2022, 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. For our purposes, performance-class laptops are those with a discrete graphics card and an H-level processor or better.

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 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	Intel Iris Xe Graphics	126.3
Dell	Inspiron 15 5515	15.6	AMD Ryzen 5 5500U AMD Ryzen 7 5700U	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 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 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
Acer	Aspire 1 (A115-32-C1DF)	15.6	Intel Celeron N4500	Intel UHD Graphics	134.4
Acer	Aspire 3 (A315-21-95KF)	15.6	AMD A9-9420	AMD Radeon R5 Graphics	153.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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
Acer	Aspire 3 (A315-58-5809)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 3 (A315-35-P872)	15.6	Intel Pentium Silver N6000	Intel UHD Graphics	134.4
Acer	Aspire 3 (A315-35-C3SA)	15.6	Intel Celeron N4500	Intel UHD Graphics	134.4

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Aspire 3 (A315-58-59TK)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 3 (A315-58-35VZ)	15.6	Intel Core i3-1115G4	Intel UHD 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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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 (A515-56-7404)	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
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Aspire 5 (A515-56-765W)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-45-R1BF)	15.6	AMD Ryzen 7 5700U	AMD Radeon Vega 8 Graphics	141.6
Acer	Aspire 5 (A515-56-56WJ)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-79N0)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-571V)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-585B)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-364K)	15.6	Intel Core i3-1115G4	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-45-R8AH)	15.6	AMD Ryzen 3 5300U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-56-33C0)	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 (A515-45-R74Z)	15.6	AMD Ryzen 5 5500U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-46-R3CZ)	15.6	AMD Ryzen 7 3700U	AMD Radeon RX Vega 10	141.6
Acer	Aspire 5 (A515-56-53S3)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-45-R8K1)	15.6	AMD Ryzen 7 5700U	AMD Radeon Vega 8 Graphics	141.6
Acer	Aspire 5 (A515-56-702V)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-46-R3UB)	15.6	AMD Ryzen 3 3350U	AMD Radeon Vega 6 Graphics	141.6
Acer	Aspire 5 (A515-56-53DS)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-74PH)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-45-R6PQ)	15.6	AMD Ryzen 3 5300U	AMD Radeon Graphics	141.6

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	Aspire 5 (A515-45-R4P4)	15.6	AMD Ryzen 5 5500U	AMD Radeon Graphics	141.6
Acer	Aspire 5 (A515-56-545V)	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-71EB)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	134.4
Acer	Aspire 5 (A515-56-32BB)	15.6	Intel Core i3-1115G4	Intel Iris Xe Graphics	134.4
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
Acer	Nitro 5 (AN515-55-55SD)	15.6	Intel Core i5-10300H	NVIDIA GeForce GTX 1650	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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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
Acer	Nitro 5 (AN515-57-74TT)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3050 Ti	143.0
Acer	Nitro 5 (AN515-55-723L)	15.6	Intel Core i7-10750H	NVIDIA GeForce RTX 3060	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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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
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 (PH315-53-71HN)	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 (PH315-53-76JX)	15.6	Intel Core i7-10870H	NVIDIA GeForce RTX 3080	143.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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 Helios 300 (PH315-54-71W6)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3060	143.0
Acer	Predator Helios 300 (PH315-54-70EH)	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3070	143.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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	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 (TMP215-53-57QD)	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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Acer	ConceptD 5 (CN515-51-72FX)	15.6	Intel Core i7-8705G	AMD Radeon RX Vega M GL	134.9
Acer	ConceptD 5 Pro (CN516-72G-787Y)	15.6	Intel Core i7-9750H	NVIDIA Quadro RTX 3000	143.0
GIGABYTE					
GIGABYTE	AORUS 15 (Intel 12th Gen)	15.6	Intel Core i7-12700H	NVIDIA GeForce RTX 3080 Ti NVIDIA GeForce RTX 3070 Ti	136.3
GIGABYTE	AORUS 5 (Intel 12th Gen)	15.6	Intel Core i7-12700H	NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3070 Ti	140.0
GIGABYTE	Aero 5 (Intel 12th Gen)	15.6	Intel Core i7-12700H	NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070 Ti	140.0
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
GIGABYTE	AERO 15 (RTX 30 Series)	15.6	Intel Core i7-10870H	NVIDIA GeForce RTX 3070	138.1
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 (12th Gen Intel)	15.6	Intel Core i9-12900H	NVIDIA GeForce RTX 3060	139.0
ASUS	ZenBook Pro Duo 15 OLED UX582 (11th Gen Intel)	15.6	Intel Core i9-11900H	NVIDIA GeForce RTX 3080	139.0

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
ASUS	ZenBook Pro 15 OLED UM535 (AMD Ryzen 5000 series)	15.6	AMD Ryzen 5 5600H AMD Ryzen 7 5800H AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3050 Ti	127.8
ASUS	ZenBook Pro 15 UM535 (AMD Ryzen 5000 Series)	15.6	AMD Ryzen 5 5600H AMD Ryzen 7 5800H AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3050 Ti	127.8
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
ASUS	ZenBook Pro 15 UX535	15.6	Intel Core i7-10750H	NVIDIA GeForce GTX 1650Ti	127.7
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. 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
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	ExpertBook P2 P2540	15.6	Intel Core i7-10510U Intel Core i5-10210U Intel Core i3-10110U	NVIDIA GeForce MX110	150.8
ASUS	VivoBook Go 15 E510	15.6	Intel Celeron N5100	Intel HD Graphics	132.0
ASUS	VivoBook Pro 15 OLED K3500	15.6	Intel Core i5-11300H Intel Core i7-11370H	NVIDIA GeForce RTX 3050	131.2
ASUS	VivoBook Pro 15 OLED M3500	15.6	AMD Ryzen 5 5600H AMD Ryzen 7 5800H AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3050	131.2
ASUS	VivoBook Pro 15 M3500	15.6	AMD Ryzen 5 5600H AMD Ryzen 7 5800H AMD Ryzen 9 5900HX	NVIDIA GeForce RTX 3050	131.2
ASUS	VivoBook Pro 15 K3500	15.6	Intel Core i5-11300H Intel Core i7-11370H	NVIDIA GeForce RTX 3050	131.2
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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 (10th Gen Intel)	15.6	Intel Core i5-10210U Intel Core i7-10510U	Intel UHD	130.4
ASUS	VivoBook 15 OLED M513 (AMD Ryzen 5000 series)	15.6	AMD Ryzen 7 5700U AMD Ryzen 5 5500U AMD Ryzen 3 5300U	AMD Radeon Graphics	131.2
ASUS	VivoBook 15 OLED 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 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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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
ASUS	E510	15.6	Intel Celeron N4020	Intel UHD Graphics 600	132.0
ASUS	ROG Zephyrus G15 (2022) GA503	15.6	AMD Ryzen 9 6900HS	NVIDIA GeForce RTX 3080 Ti	133.8
ASUS	ROG Strix Scar 15 (2022) G533	15.6	Intel Core i9-12900H	NVIDIA GeForce RTX 3080 Ti	142.2
ASUS	ROG Strix G15 (2022) G513	15.6	AMD Ryzen 9 6900HX	NVIDIA GeForce RTX 3080 Ti	142.2
ASUS	ROG Zephyrus G15 (2022) GA503	15.6	AMD Ryzen 9 6900HS	NVIDIA GeForce RTX 3080 Ti	133.8
ASUS	ROG Strix G15 Advantage Edition G513	15.6	AMD Ryzen 9 5900HX	AMD Radeon RX 6800M	142.2

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 Zephyrus G15 GA503	15.6	AMD Ryzen 9 5900HS	NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070	133.8
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 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 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 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 S15 GX502	15.6	Intel Core i7-10875H	NVIDIA GeForce RTX 2080 SUPER	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 Strix SCAR 15 G532	15.6	Intel Core i9-10980HK	NVIDIA GeForce RTX 2070 SUPER	153.5
ASUS	ROG Strix G15 G512	15.6	Intel Core i7-10875H	NVIDIA GeForce RTX 2070	153.5
ASUS	ROG Strix SCAR III G531	15.6	Intel Core i7-9750H	NVIDIA GeForce GTX 1660Ti	153.3

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
ASUS	ROG ZEPHYRUS GX501	15.6	Intel Core i7-8750H	NVIDIA GeForce GTX 1080	153.8
ASUS	ROG Zephyrus S GX531	15.6	Intel Core i7-8750H	NVIDIA GeForce RTX 2070	149.5
ASUS	ROG Strix G G531	15.6	Intel Core i7-9750H	NVIDIA GeForce RTX 2070	153.5
ASUS	ROG Strix Hero III G531	15.6	Intel Core i7-9750H	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 SCAR II GL504	15.6	Intel Core i7-8750H	NVIDIA GeForce RTX 2070	146.5
ASUS	ROG Zephyrus M GM501	15.6	Intel Core i7-8750H	NVIDIA GeForce GTX 1070	155.5
ASUS	ASUS TUF DASH F15 (2022)	15.6	Intel Core i5-12450H Intel Core i7-12650H	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3050 NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070	137.7
ASUS	ASUS TUF Gaming A15 (2022)	15.6	AMD Ryzen 7 6800H	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3060	137.7
ASUS	ASUS TUF Gaming F15 (2022)	15.6	Intel Core i7-12700H Intel Core i5-12500H	NVIDIA GeForce RTX 3050 Ti NVIDIA GeForce RTX 3050 NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070	137.7

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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 NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070	140.6
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	GemiBook X	15.6	Intel Celeron N5100	Intel UHD Graphics	134.0
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Dynabook (Formerly Toshiba)					
Dynabook	Satellite Pro L50-G	15.6	Intel Core i7 10510U	NVIDIA GeForce MX250	135.9
Dynabook	Satellite Pro C50-J	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel UHD Graphics	135.9
Dynabook	Satellite Pro C50-H	15.6	Intel Core i3-1005G1 Intel Core i5-1035G1	Intel UHD Graphics	135.9
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	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	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
Fujitsu	Lifebook E5511	15.6	Intel Core i3-1125G4 Intel Core i3-1115G4 Intel Core i5-1145G7	Intel UHD Graphics Intel Iris Xe Graphics	150.4

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
			Intel Core i5-1135G7 Intel Core i7-1185G7 Intel Core i7-1165G7		
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 A3511	15.6	Intel Core i5-1135G7 Intel Core i3-1115G4	Intel UHD Graphics Intel Iris Xe Graphics	136.4
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 - 15	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3060	131.3
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 15	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	134.5
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 15	15.6	Intel Core i5-1135G7	Intel Iris Xe Graphics	130.6
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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
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 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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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 NVIDIA RTX A4000 NVIDIA RTX 3070	128.7
HP	OMEN 15	15.6	Intel Core i7-10870H	NVIDIA GeForce RTX 3060	133.0
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 MateBook B3-520	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics	127.4
Huawei	MateBook MateBook B3-510	15.6	Intel Core i5-10210U Intel Core i3-10110U	Intel UHD 620 Graphics	127.4
Huawei	MateBook D 15 2021 AMD	15.6	AMD Ryzen 5 5500U AMD Ryzen 7 5700U	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" (Intel)	15.6	Intel Core i3-10110U	Intel UHD Graphics	142.2

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Lenovo	IdeaPad 3i 15" (Intel)	15.6	Intel Core i3-1115G4 Intel Core i5-1135G7	Intel Iris Xe Graphics	131.6
Lenovo	IdeaPad 5i 15" (Intel)	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics	129.2
Lenovo	IdeaPad Gaming 3i 15" (Intel)	15.6	Intel Core i7-11370H	NVIDIA GeForce GTX 1650	140.5
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 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 Y540	15.6	Intel Core i5-9300HF Intel Core i7-9750H	NVIDIA GeForce RTX 2060	149.1
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
Lenovo	ThinkPad X1 Extreme Gen 3	15.6	Intel Core i7-10750H Intel Core i9-10885H	NVIDIA GeForce GTX 1650Ti	137.7

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Lenovo	ThinkPad P15	15.6	Intel Xeon W-10885M	NVIDIA Quadro RTX 4000	146.8
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 P1 Gen 3	15.6	Intel Core i7-10750H	NVIDIA Quadro T1000	137.7
Lenovo	ThinkPad P15s Gen 2	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	NVIDIA Quadro T500	140.5
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 T15 Gen 2	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics NVIDIA GeForce MX450	140.5
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 T15p Gen 2 (Intel)	15.6	Intel Core i5-11400H Intel Core i7-11800H	NVIDIA GeForce GTX 1650	142.0
Lenovo	ThinkPad T15 15" (Intel)	15.6	Intel Core i7-10610U	NVIDIA GeForce MX330	139.7
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
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
LG					
LG	gram (15Z95P)	15.6	Intel Core i7-1195G7	Intel Iris Xe Graphics	123.9
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 (15Z95N-H)	15.6	Intel Core i7-1165G7	Intel Iris Xe Graphics	125.5
LG	gram (15Z90N)	15.6	Intel Core i5-1035G7	Intel Iris Plus	125.5
LG	gram (15Z995)	15.6	Intel Core i7-10510U	Intel UHD Graphics	126.9
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

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Microsoft					
Microsoft	Surface Laptop 4 15"	15.0	Intel Core i7-1185G7 AMD Ryzen 7 4980U	Intel Iris Xe Graphics AMD Radeon Graphics	128.6
Razer					
Razer	Blade 15 Base Edition	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3060 NVIDIA GeForce RTX 3070	129.3
Razer	Blade 15 Advanced Edition	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3070 NVIDIA GeForce RTX 3080 NVIDIA GeForce RTX 3060	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	NP8753P	15.6	Intel Core i7-11800H	NVIDIA GeForce RTX 3060	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	NP3550U	15.6	Intel Core i5-1135G7 Intel Core i7-1165G7	Intel Iris Xe Graphics	122.0
Samsung					
Samsung	Galaxy Book 15.6"	15.6	Intel Core i5-1135G7	Intel Iris Xe Max Graphics	126.6

Brand	Model	Screen size (in.)	Processor	Graphics card	Total area (in. ²)
Samsung	Galaxy Book Odyssey 15"	15.6	Intel Core i7-1165G7	NVIDIA GTX 3050 Ti	126.6
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 1/28/2022.



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