

Single Video Card

<u>GeForce RTX 4090</u>	38572	1	21.43	\$1,799.99
<u>GeForce RTX 4090 D</u>	37631	2	NA	NA
<u>GeForce RTX 4080</u>	34613	3	27.12	\$1,276.37
<u>RTX 5880 Ada Generation</u>	34568	4	NA	NA
<u>GeForce RTX 4080 SUPER</u>	34158	5	34.16	\$999.99
<u>GeForce RTX 4070 Ti</u>	31801	6	42.98	\$739.99
<u>GeForce RTX 4070 Ti SUPER</u>	31660	7	39.63	\$799.00
<u>Radeon RX 7900 XTX</u>	31005	8	36.48	\$849.99
<u>GeForce RTX 4070 SUPER</u>	30184	9	50.31	\$599.99
<u>GeForce RTX 3090 Ti</u>	29701	10	15.27	\$1,944.97
<u>Radeon PRO W7900</u>	29470	11	NA	NA
<u>Radeon RX 7900 XT</u>	28731	12	45.61	\$629.97
<u>RTX 4500 Ada Generation</u>	28612	13	NA	NA
<u>Radeon PRO W7800</u>	28601	14	NA	NA
<u>Radeon RX 6950 XT</u>	28183	15	28.18	\$999.99*
<u>GeForce RTX 4090 Laptop GPU</u>	27791	16	NA	NA
<u>RTX 6000 Ada Generation</u>	27724	17	NA	NA
<u>GeForce RTX 3080 Ti</u>	27123	18	24.48	\$1,108.13
<u>GeForce RTX 4070</u>	26968	19	50.88	\$529.99
<u>RTX 5000 Ada Generation</u>	26916	20	NA	NA
<u>Radeon RX 6900 XT</u>	26807	21	33.51	\$799.99
<u>GeForce RTX 3090</u>	26746	22	15.00	\$1,783.35*
<u>Radeon RX 7900 GRE</u>	26699	23	43.77	\$609.99
<u>GeForce RTX 3080 12GB</u>	26678	24	NA	NA
<u>RTX 4000 Ada Generation</u>	25334	25	NA	NA
<u>GeForce RTX 3080</u>	25235	26	37.11	\$679.99
<u>GeForce RTX 4080 Laptop GPU</u>	25182	27	NA	NA
<u>Radeon RX 6800 XT</u>	25034	28	28.35	\$882.96*
<u>Radeon RX 7800 XT</u>	24232	29	53.85	\$449.99
<u>RTX 5000 Ada Generation Laptop GPU</u>	23971	30	NA	NA
<u>GeForce RTX 3070 Ti</u>	23588	31	36.23	\$651.10
<u>RTX 4000 Ada Generation Laptop GPU</u>	23010	32	NA	NA
<u>GeForce RTX 4060 Ti</u>	22882	33	61.02	\$374.99
<u>GeForce RTX 4060 Ti 16GB</u>	22858	34	53.16	\$429.99

RTX A5000	22852	35	10.25	\$2,229.99*
RTX A6000	22539	36	5.48	\$4,109.99*
GeForce RTX 3070	22373	37	45.66	\$489.99
Radeon RX 7900M	22365	38	NA	NA
RTX A5500	22282	39	10.27	\$2,169.99*
Radeon RX 6800	22219	40	63.49	\$349.99
Radeon RX 7700 XT	22201	41	63.44	\$349.97
NVIDIA A10	22064	42	NA	NA
GRID RTX6000-6Q	21986	43	NA	NA
GeForce RTX 2080 Ti	21753	44	16.73	\$1,299.99*
RTX A4500	21705	45	13.30	\$1,631.70
Radeon 610M Ryzen 9 7845HX	21622	46	NA	NA
RTX 4000 SFF Ada Generation	20879	47	NA	NA
Radeon RX 6750 XT	20794	48	69.32	\$299.99
GeForce RTX 3060 Ti	20506	49	60.31	\$339.99
TITAN RTX	19945	50	7.98	\$2,499.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6700 XT	19877	51	26.30	\$755.67
GeForce RTX 4060	19873	52	67.83	\$292.99
Quadro GV100	19824	53	2.20	\$8,999.00*
GeForce RTX 3080 Ti Laptop GPU	19759	54	NA	NA
TITAN V	19742	55	9.87	\$1,999.99*
Radeon PRO W6800	19740	56	10.67	\$1,849.99*
GeForce RTX 2080 SUPER	19581	57	28.59	\$684.86*
GeForce RTX 4070 Laptop GPU	19522	58	NA	NA
RTX A4000	19431	59	25.91	\$749.99*
Radeon RX 6700	19319	60	NA	NA
Radeon RX 6750 GRE 12GB	19296	61	NA	NA
Quadro RTX 8000	19278	62	4.07	\$4,741.49*
Radeon PRO W7700	19227	63	NA	NA
TITAN Xp COLLECTORS EDITION	19105	64	NA	NA
RTX 3500 Ada Generation Laptop GPU	18972	65	NA	NA
GeForce RTX 2080	18795	66	23.48	\$800.61*
NVIDIA A10G	18773	67	NA	NA
NVIDIA TITAN Xp	18764	68	11.41	\$1,645.00*

Quadro RTX 6000	18733	69	2.97	\$6,300.00*
GeForce GTX 1080 Ti	18561	70	38.36	\$483.82*
Radeon RX 6750 GRE 10GB	18240	71	NA	NA
GeForce RTX 2070 SUPER	18228	72	33.76	\$539.99*
GeForce RTX 3070 Ti Laptop GPU	17987	73	NA	NA
GeForce RTX 4060 Laptop GPU	17670	74	NA	NA
RTX 2000 Ada Generation	17649	75	NA	NA
RTX A4500 Laptop GPU	17535	76	NA	NA
Radeon RX 6850M XT	17473	77	NA	NA
RTX A5500 Laptop GPU	17353	78	NA	NA
Radeon RX 7600 XT	17287	79	55.77	\$309.99
Radeon RX 6650 XT	17235	80	78.35	\$219.99
Radeon RX 6650M XT	17070	81	NA	NA
GeForce RTX 3060 12GB	17003	82	61.83	\$274.99
TITAN V CEO Edition	16987	83	NA	NA
Radeon VII	16679	84	8.78	\$1,899.95*
RTX 3000 Ada Generation Laptop GPU	16666	85	NA	NA
Radeon RX 5700 XT	16583	86	37.96	\$436.85*
Radeon RX 5700 XT 50th Anniversary	16572	87	NA	NA
GeForce RTX 2060 SUPER	16536	88	39.75	\$415.98*
Radeon RX 6600 XT	16512	89	33.09	\$499.00
Radeon RX 7600	16463	90	65.86	\$249.99
GeForce RTX 3080 Laptop GPU	16444	91	NA	NA
Quadro GP100	16374	92	NA	NA
GeForce RTX 2070	16151	93	41.47	\$389.46*
RTX A5000 Laptop GPU	15997	94	NA	NA
Quadro RTX 5000	15934	95	NA	NA
GeForce RTX 2060 12GB	15922	96	NA	NA
Radeon PRO W6600	15601	97	NA	NA
Radeon Pro Vega II	15596	98	NA	NA
GeForce GTX 1080	15539	99	35.09	\$442.79*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 3070 Laptop GPU	15474	100	NA	NA
Radeon RX 6800S	15407	101	NA	NA
Quadro RTX 4000	15382	102	17.11	\$899.00*

<u>GeForce RTX 3060 8GB</u>	15356	103	NA	NA
<u>RTX A4000 Laptop GPU</u>	15354	104	NA	NA
<u>Quadro P6000</u>	15307	105	4.71	\$3,250.00*
<u>RTX 2000 Ada Generation Laptop GPU</u>	15288	106	NA	NA
<u>Radeon RX 6600</u>	15142	107	75.71	\$199.99
<u>GeForce RTX 2080 (Mobile)</u>	15107	108	NA	NA
<u>Radeon RX 6650M</u>	15084	109	NA	NA
<u>Radeon Pro W5700</u>	15057	110	23.17	\$649.99*
<u>Radeon RX 7700S</u>	15027	111	NA	NA
<u>Radeon RX 6700S</u>	14944	112	59.78	\$249.99
<u>Quadro RTX 5000 (Mobile)</u>	14832	113	NA	NA
<u>GeForce GTX 1070 Ti</u>	14698	114	25.79	\$569.99*
<u>NVIDIA A40</u>	14664	115	NA	NA
<u>Radeon RX 7600S</u>	14564	116	NA	NA
<u>GeForce RTX 4050 Laptop GPU</u>	14475	117	NA	NA
<u>Radeon RX 5700</u>	14461	118	46.65	\$309.99*
<u>L40S</u>	14397	119	NA	NA
<u>RTX A3000 12GB Laptop GPU</u>	14341	120	NA	NA
<u>Radeon PRO W7500</u>	14312	121	NA	NA
<u>Radeon RX Vega 64</u>	14310	122	19.08	\$749.99*
<u>Radeon PRO W7600</u>	14226	123	NA	NA
<u>GeForce RTX 2060</u>	14150	124	34.34	\$412.05
<u>RTX 1000 Ada Generation Laptop GPU</u>	14049	125	NA	NA
<u>Radeon Pro Vega II Duo</u>	14018	126	NA	NA
<u>RadeonT RX 6850M XT</u>	13847	127	NA	NA
<u>GeForce RTX 2080 Super with Max-Q Design</u>	13840	128	NA	NA
<u>GeForce GTX 980 Ti</u>	13807	129	21.42	\$644.61*
<u>GeForce RTX 2070 Super with Max-Q Design</u>	13771	130	NA	NA
<u>Radeon RX 6600M</u>	13764	131	68.82	\$199.99*
<u>RTX A2000</u>	13745	132	31.65	\$434.33*
<u>Radeon Pro Vega 64X</u>	13708	133	NA	NA
<u>RTX A2000 12GB</u>	13705	134	NA	NA
<u>Radeon RX 6600S</u>	13678	135	NA	NA
<u>NVIDIA TITAN X</u>	13659	136	22.46	\$608.10*
<u>Radeon RX 5600 XT</u>	13640	137	25.03	\$545.00*

<u>Radeon RX 6700M</u>	13543	138	50.16	\$269.99*
<u>Radeon Pro WX 8200</u>	13526	139	8.46	\$1,599.39*
<u>GeForce GTX 1070</u>	13501	140	25.48	\$529.99*
<u>Quadro RTX 5000 with Max-Q Design</u>	13488	141	NA	NA
<u>GeForce RTX 3060 Laptop GPU</u>	13361	142	43.10	\$309.99*
<u>Radeon RX 6800M</u>	13274	143	NA	NA
<u>Radeon RX Vega 56</u>	13230	144	17.57	\$752.99*
<u>Radeon Vega Frontier Edition</u>	13225	145	7.87	\$1,679.99*
<u>Radeon PRO W6600X</u>	13113	146	NA	NA
<u>GeForce RTX 2080 with Max-Q Design</u>	13089	147	6.23	\$2,099.99*
<u>Intel Arc A770</u>	12995	148	48.13	\$269.99
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon RX 7600M XT</u>	12979	149	NA	NA
<u>GeForce GTX TITAN X</u>	12943	150	11.80	\$1,096.99*
<u>Radeon Pro Vega 64</u>	12920	151	NA	NA
<u>GeForce GTX 1660 Ti</u>	12915	152	41.96	\$307.79
<u>GeForce RTX 3050 8GB</u>	12808	153	61.88	\$206.99
<u>Radeon Pro VII</u>	12800	154	NA	NA
<u>GeForce GTX 1660 SUPER</u>	12752	155	55.94	\$227.99
<u>Tesla T10</u>	12650	156	NA	NA
<u>Radeon Pro 5700 XT</u>	12613	157	NA	NA
<u>Quadro P5000</u>	12542	158	6.71	\$1,868.99*
<u>Quadro P5200 with Max-Q Design</u>	12530	159	NA	NA
<u>RTX A3000 Laptop GPU</u>	12520	160	NA	NA
<u>Quadro RTX 4000 with Max-Q Design</u>	12487	161	NA	NA
<u>Radeon Pro WX 9100</u>	12470	162	NA	NA
<u>GeForce RTX 2070 (Mobile)</u>	12354	163	NA	NA
<u>Radeon Pro Vega 56</u>	12353	164	NA	NA
<u>Tesla V100-PCIE-16GB</u>	12328	165	NA	NA
<u>Quadro RTX 4000 (Mobile)</u>	12327	166	NA	NA
<u>Radeon RX 6850M</u>	12274	167	NA	NA
<u>Radeon Pro V520 MxGPU</u>	12257	168	NA	NA
<u>Quadro P5200</u>	12238	169	NA	NA
<u>Tesla P40</u>	12190	170	NA	NA
<u>Radeon RX 5600 OEM</u>	12004	171	NA	NA

<u>GeForce RTX 3050 OEM</u>	11979	172	68.47	\$174.97*
<u>Intel Arc A750</u>	11925	173	66.25	\$179.99
<u>Quadro M6000 24GB</u>	11882	174	NA	NA
<u>Radeon Pro 5700</u>	11844	175	NA	NA
<u>Quadro M6000</u>	11746	176	2.43	\$4,827.53*
<u>GeForce RTX 2070 with Max-Q Design</u>	11689	177	NA	NA
<u>GeForce GTX 1660</u>	11678	178	44.75	\$260.98
<u>Quadro P4000</u>	11632	179	20.92	\$556.19*
<u>Intel Arc A580</u>	11622	180	64.58	\$179.97
<u>RTX 500 Ada Generation Laptop GPU</u>	11573	181	NA	NA
<u>GeForce GTX 1080 with Max-Q Design</u>	11520	182	NA	NA
<u>Intel Arc A770M</u>	11513	183	NA	NA
<u>Radeon RX 5600</u>	11489	184	NA	NA
<u>RTX A1000</u>	11486	185	NA	NA
<u>Quadro P4200 with Max-Q Design</u>	11446	186	NA	NA
<u>RTX A1000 Embedded GPU</u>	11368	187	NA	NA
<u>GeForce RTX 2060 (Mobile)</u>	11354	188	NA	NA
<u>Radeon Pro Vega 48</u>	11299	189	NA	NA
<u>GeForce GTX 980</u>	11099	190	44.87	\$247.35*
<u>Quadro RTX 3000</u>	11081	191	NA	NA
<u>Radeon Pro SSG</u>	10971	192	4.55	\$2,410.15*
<u>RTX A2000 8GB Laptop GPU</u>	10941	193	NA	NA
<u>RTX A4500 Embedded GPU</u>	10916	194	NA	NA
<u>Tesla T4</u>	10744	195	2.43	\$4,420.46*
<u>GeForce RTX 3050 6GB</u>	10625	196	64.40	\$164.99
<u>Intel Arc A730M</u>	10487	197	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce GTX 1070 (Mobile)</u>	10465	198	NA	NA
<u>Tesla M40</u>	10465	199	17.44	\$600.00*
<u>Quadro P4200</u>	10418	200	NA	NA
<u>Tesla M40 24GB</u>	10417	201	NA	NA
<u>SuperDisplay Virtual Adapter</u>	10390	202	NA	NA
<u>GeForce RTX 3050 6GB Laptop GPU</u>	10313	203	NA	NA
<u>GeForce GTX 1660 Ti (Mobile)</u>	10187	204	NA	NA
<u>GeForce GTX 1650 SUPER</u>	10161	205	45.76	\$222.06*

<u>RTX A1000 6GB Laptop GPU</u>	10159	206	NA	NA
<u>GeForce RTX 3050 Ti Laptop GPU</u>	10145	207	NA	NA
<u>GeForce GTX 1060</u>	10075	208	29.63	\$339.99
<u>RTX A2000 Laptop GPU</u>	9940	209	NA	NA
<u>GeForce GTX 1070 with Max-Q Design</u>	9929	210	NA	NA
<u>GRID P40-2B</u>	9842	211	NA	NA
<u>GeForce GTX 1060 3GB</u>	9762	212	41.46	\$235.47*
<u>GeForce RTX 2060 with Max-Q Design</u>	9756	213	NA	NA
<u>Radeon R9 Fury + Fury X</u>	9741	214	21.65	\$449.99*
<u>GeForce GTX 970</u>	9638	215	40.50	\$237.99*
<u>Radeon R9 Fury X</u>	9594	216	NA	NA
<u>Radeon R9 Fury</u>	9593	217	21.65	\$443.10*
<u>Radeon RX 6500 XT</u>	9562	218	56.58	\$169.00
<u>Radeon PRO W6600M</u>	9521	219	NA	NA
<u>GeForce GTX 780 Ti</u>	9516	220	27.99	\$339.99*
<u>Radeon RX 6550M</u>	9492	221	NA	NA
<u>RTX A1000 Laptop GPU</u>	9491	222	NA	NA
<u>GeForce RTX 3050 Laptop GPU</u>	9461	223	35.04	\$269.99*
<u>Radeon R9 390X</u>	9414	224	NA	NA
<u>Quadro M5000</u>	9395	225	18.83	\$499.00*
<u>Radeon RX 590</u>	9388	226	17.07	\$549.99*
<u>Quadro P3200 with Max-Q Design</u>	9327	227	NA	NA
<u>Quadro P2200</u>	9321	228	20.27	\$459.80*
<u>Intel Arc Pro A60</u>	9300	229	NA	NA
<u>Radeon Pro 5600M</u>	9232	230	NA	NA
<u>Radeon RX 5500 XT</u>	9140	231	50.42	\$181.29*
<u>Radeon Pro W5500</u>	9117	232	22.24	\$409.99*
<u>GeForce GTX 1060 5GB</u>	9085	233	18.62	\$487.99*
<u>Quadro P4000 with Max-Q Design</u>	9082	234	NA	NA
<u>GeForce GTX TITAN Black</u>	8971	235	7.25	\$1,237.67
<u>GeForce GTX TITAN Z</u>	8941	236	5.90	\$1,515.00*
<u>Radeon R9 390</u>	8909	237	NA	NA
<u>Tesla P4</u>	8880	238	NA	NA
<u>Radeon RX 580</u>	8857	239	49.21	\$179.99*
<u>Quadro P3200</u>	8850	240	22.73	\$389.30*

<u>Radeon RX 5500</u>	8792	241	NA	NA
<u>Radeon RX 5600M</u>	8743	242	NA	NA
<u>GRID P40-24Q</u>	8719	243	NA	NA
<u>Radeon RX 480</u>	8623	244	25.36	\$339.99*
<u>Radeon R9 290X</u>	8622	245	NA	NA
<u>Radeon R9 295X2</u>	8617	246	17.27	\$499.10*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce GTX 1660 Ti with Max-Q Design</u>	8607	247	NA	NA
<u>Parsec Virtual Display Adapter</u>	8599	248	NA	NA
<u>Radeon RX590 GME</u>	8568	249	NA	NA
<u>GRID RTX6000-1B</u>	8473	250	NA	NA
<u>Radeon R9 290X / 390X</u>	8389	251	26.22	\$319.99*
<u>Radeon Pro 5500 XT</u>	8375	252	NA	NA
<u>Ryzen 5 4600HS with Radeon Graphics</u>	8370	253	NA	NA
<u>Radeon R9 290</u>	8296	254	NA	NA
<u>Quadro RTX 3000 with Max-Q Design</u>	8255	255	NA	NA
<u>GeForce GTX Titan</u>	8189	256	10.99	\$745.00*
<u>Radeon Pro Duo</u>	8164	257	2.06	\$3,970.36*
<u>GeForce GTX 1060 (Mobile)</u>	8160	258	NA	NA
<u>Radeon R9 290 / 390</u>	8150	259	21.45	\$380.00*
<u>CMP 30HX</u>	8135	260	NA	NA
<u>EIZO Quadro MED-XN72</u>	8100	261	NA	NA
<u>Quadro K6000</u>	8067	262	38.30	\$210.66*
<u>Radeon PRO W6400</u>	8033	263	NA	NA
<u>Ryzen 9 6900HS</u>	8005	264	NA	NA
<u>GeForce GTX 780</u>	8004	266	28.59	\$279.99*
<u>Radeon RX 470/570</u>	8004	265	20.58	\$388.99*
<u>Radeon 890M</u>	7991	267	NA	NA
<u>Quadro M5500</u>	7915	268	NA	NA
<u>GeForce GTX 1060 with Max-Q Design</u>	7911	269	NA	NA
<u>GeForce GTX 1650</u>	7874	270	61.23	\$128.59
<u>Radeon Pro WX 7100</u>	7869	271	7.51	\$1,047.99*
<u>T1200 Laptop GPU</u>	7835	272	NA	NA
<u>Radeon RX 580X</u>	7798	273	NA	NA
<u>Radeon RX 6500M</u>	7780	274	NA	NA

<u>Radeon Pro 580</u>	7753	275	NA	NA
<u>Radeon RX 6500</u>	7723	276	NA	NA
<u>Radeon RX 580 2048SP</u>	7697	277	NA	NA
<u>GeForce RTX 2050</u>	7663	278	NA	NA
<u>T1000</u>	7642	279	25.14	\$303.99*
<u>FirePro W9100</u>	7580	280	4.38	\$1,729.99*
<u>Radeon RX 6400</u>	7577	281	47.65	\$159.00
<u>T1000 8GB</u>	7576	282	NA	NA
<u>Radeon 880M</u>	7565	283	NA	NA
<u>Radeon RX 5300</u>	7561	284	NA	NA
<u>Tesla M60</u>	7551	285	9.58	\$787.90*
<u>Radeon Pro 580X</u>	7540	286	NA	NA
<u>GeForce GTX 1650 Ti</u>	7536	287	NA	NA
<u>GRID P40-8Q</u>	7432	288	NA	NA
<u>Ryzen 9 4900HS with Radeon Graphics</u>	7418	289	NA	NA
<u>GeForce GTX 980M</u>	7355	290	25.36	\$289.99*