

Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked


Video Card List


Below is an alphabetical list of all Video Card types that appear in the charts. Clicking on a specific Video Card will take you to the chart it appears in and will highlight it for you.


Single Video Card


 Find Videocard



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 4090	39105	1	24.83	\$1,574.99
GeForce RTX 4080	35098	2	31.94	\$1,099.00
Radeon PRO W7800	32145	3	NA	NA
Radeon RX 7900 XTX	31673	4	32.65	\$969.99
GeForce RTX 4070 Ti	31658	5	40.07	\$789.99
Radeon PRO W7900	31125	6	NA	NA
GeForce RTX 3090 Ti	29838	7	17.48	\$1,707.00
GeForce RTX 4090 Laptop GPU	29528	8	NA	NA
Radeon RX 7900 XT	29221	9	37.95	\$769.99
Radeon RX 6950 XT	28862	10	45.81	\$629.99
GeForce RTX 3080 Ti	27416	11	23.97	\$1,143.99
GeForce RTX 4070	27025	12	45.04	\$599.99



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
GeForce RTX 4080 Laptop GPU	26884	15	NA	NA
GeForce RTX 3080 12GB	26850	16	NA	NA
GeForce RTX 3080	25402	17	28.87	\$879.99
Radeon RX 6800 XT	25143	18	51.24	\$490.67
GeForce RTX 3070 Ti	23816	19	58.66	\$405.99
RTX 6000 Ada Generation	23545	20	NA	NA
RTX A5000	23210	21	10.84	\$2,141.99*
RTX A6000	22639	22	5.51	\$4,109.99
GeForce RTX 4060 Ti	22548	23	59.34	\$379.99
Radeon RX 6800	22528	24	81.92	\$274.99
GeForce RTX 3070	22503	25	45.01	\$499.99
NVIDIA A10	22064	26	NA	NA
GeForce RTX 2080 Ti	21882	27	19.45	\$1,124.99*
RTX A4500	21721	28	20.11	\$1,079.99*
RTX 5000 Ada Generation Laptop GPU	21499	29	NA	NA
RTX 4000 Ada Generation Laptop GPU	21359	30	NA	NA
RTX 4000 SFF Ada Generation	21300	31	NA	NA
Radeon RX 6750 XT	21266	32	55.97	\$379.99
GeForce RTX 3060 Ti	20628	33	64.47	\$319.99
Quadro GV100	20599	34	2.29	\$8,999.00*
GeForce RTX 3080 Ti Laptop GPU	20431	35	NA	NA
TITAN V	19920	36	9.96	\$1,999.99*
Radeon RX 6700 XT	19894	37	56.84	\$349.99
GeForce RTX 4060	19891	38	66.31	\$299.99
TITAN RTX	19883	39	7.11	\$2,794.99*
GeForce RTX 4070 Laptop GPU	19758	40	NA	NA
Radeon PRO W6800	19709	41	10.65	\$1,849.99*
RTX 3500 Ada Generation Laptop GPU	19703	42	NA	NA
GeForce RTX 2080 SUPER	19580	43	26.42	\$740.99*
Quadro RTX 8000	19402	44	4.09	\$4,741.49*
TITAN Xp COLLECTORS EDITION	19303	45	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div> Video Card </div><div><div>GeForce RTX 2080</div><div>Radeon RX 6850M XT</div></div></div>				
GeForce RTX 2080	18810	49	23.50	\$800.61
Radeon RX 6850M XT	18738	50	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
NVIDIA TITAN Xp	18692	51	11.36	\$1,645.00*
Tesla P40	18514	52	NA	NA
GeForce GTX 1080 Ti	18510	53	38.26	\$483.82*
GeForce RTX 4060 Laptop GPU	18464	54	NA	NA
GeForce RTX 3070 Ti Laptop GPU	18461	55	NA	NA
NVIDIA A10G	18407	56	NA	NA
GeForce RTX 2070 SUPER	18257	57	36.67	\$497.95
RTX A5500 Laptop GPU	18036	58	NA	NA
Radeon RX 6650 XT	17638	59	72.00	\$244.99
RTX A5500	17585	60	8.10	\$2,169.99*
RTX A4500 Laptop GPU	17558	61	NA	NA
GeForce RTX 3060	17175	62	66.06	\$259.99
TITAN V CEO Edition	16987	63	NA	NA
Radeon RX 5700 XT	16911	64	36.76	\$459.99
Radeon VII	16789	65	8.84	\$1,899.95*
GeForce RTX 3080 Laptop GPU	16671	66	NA	NA
Radeon RX 7600	16645	67	64.52	\$257.99
Radeon RX 5700 XT 50th Anniversary	16633	68	NA	NA
GeForce RTX 2060 SUPER	16601	69	44.83	\$370.32
Radeon RX 6600 XT	16461	70	47.04	\$349.99
Radeon PRO W6600	16269	71	NA	NA
Quadro RTX 5000	16195	72	NA	NA
GeForce RTX 2070	16173	73	59.90	\$269.99*
RTX A5000 Laptop GPU	15933	74	NA	NA
GeForce RTX 2060 12GB	15900	75	NA	NA
Quadro P6000	15709	76	4.83	\$3,250.00*
Radeon Pro Vega II	15667	77	NA	NA
RTX A4000 Laptop GPU	15624	78	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div>  Video Card  </div>				
GeForce GTX 1080	15469	82	34.98	\$442.19
Radeon RX 6800S	15463	83	NA	NA
Radeon Pro VII	15441	84	NA	NA
Quadro RTX 4000	15434	85	17.17	\$899.00*
RTX 2000 Ada Generation Laptop GPU	15397	86	NA	NA
GeForce RTX 4050 Laptop GPU	15364	87	NA	NA
Radeon RX 6600	15158	88	46.07	\$329.00*
GeForce RTX 2080 (Mobile)	15107	89	NA	NA
Radeon RX 6600S	14896	90	NA	NA
Quadro RTX 5000 (Mobile)	14832	91	NA	NA
GeForce GTX 1070 Ti	14707	92	25.80	\$569.99*
Radeon RX 5700	14694	93	47.40	\$309.99*
Radeon RX 7600M XT	14691	94	NA	NA
Radeon RX 6700S	14662	95	NA	NA
RTX A3000 12GB Laptop GPU	14637	96	NA	NA
Radeon RX Vega 64	14589	97	19.45	\$749.99*
RadeonT RX 6850M XT	14146	98	NA	NA
Radeon RX 7600S	14143	99	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2060	14103	100	57.07	\$247.13
GeForce RTX 2070 Super with Max-Q Design	14028	101	NA	NA
Radeon Pro WX 8200	13925	102	8.71	\$1,599.39*
GeForce GTX 980 Ti	13864	103	17.46	\$793.92
Radeon RX 5600 XT	13816	104	25.35	\$545.00*
GeForce RTX 2080 Super with Max-Q Design	13798	105	NA	NA
RTX A2000	13725	106	32.76	\$419.00
RTX A2000 12GB	13660	107	NA	NA
NVIDIA TITAN X	13659	108	22.46	\$608.10*
Radeon RX 6600M	13635	109	71.77	\$189.99
Quadro RTX 5000 with Max-Q Design	13617	110	NA	NA
GeForce GTX 1070	13506	111	27.67	\$488.09*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon RX 6700M	13338	110	49.40	\$269.99
A10-8Q	13234	116	NA	NA
Radeon Pro WX 9100	13192	117	NA	NA
GeForce RTX 2080 with Max-Q Design	13182	118	6.28	\$2,099.99*
Radeon PRO W6600X	13113	119	NA	NA
GeForce GTX TITAN X	13066	120	11.91	\$1,096.99*
GeForce RTX 3050	13003	121	56.54	\$229.99
Radeon RX 6800M	12985	122	NA	NA
GeForce GTX 1660 Ti	12953	123	39.88	\$324.77
Radeon Pro Vega 64	12918	124	NA	NA
Radeon RX 6650M	12889	125	NA	NA
GeForce GTX 1660 SUPER	12803	126	58.20	\$219.99
Quadro P5200	12775	127	NA	NA
Radeon Pro 5700 XT	12690	128	NA	NA
Tesla T10	12650	129	NA	NA
Quadro RTX 4000 with Max-Q Design	12620	130	NA	NA
Quadro P5200 with Max-Q Design	12608	131	NA	NA
RTX A3000 Laptop GPU	12510	132	NA	NA
Quadro RTX 4000 (Mobile)	12446	133	NA	NA
GeForce RTX 2070 (Mobile)	12354	134	NA	NA
Radeon Pro Vega 56	12353	135	NA	NA
Quadro P5000	12335	136	6.60	\$1,868.99*
Radeon RX 6850M	12274	137	NA	NA
Radeon Pro V520 MxGPU	12257	138	NA	NA
GeForce RTX 3050 OEM	12004	139	NA	NA
GeForce RTX 2070 with Max-Q Design	11916	140	NA	NA
Radeon Pro 5700	11844	141	NA	NA
Quadro M6000	11836	142	2.45	\$4,827.53*
Quadro P4200 with Max-Q Design	11816	143	NA	NA
Quadro M6000 24GB	11810	144	NA	NA
GeForce GTX 1660	11728	145	46.00	\$254.99



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div> Video Card </div><div><div>videocard name</div><div>(higher is better)</div><div>(lower is better)</div><div>(higher is better)</div><div>(USD)</div></div></div>				
GeForce RTX 2060 (Mobile)	11354	149	NA	NA
Radeon Pro Vega 48	11299	150	NA	NA
GeForce GTX 980	11123	151	44.97	\$247.35*
Quadro RTX 3000	11094	152	NA	NA
RTX A2000 8GB Laptop GPU	10928	153	NA	NA
Tesla T4	10847	154	2.44	\$4,440.36
RTX A1000 6GB Laptop GPU	10807	155	NA	NA
Radeon Pro SSG	10497	156	4.36	\$2,410.15*
Tesla M40 24GB	10474	157	NA	NA
GeForce GTX 1070 (Mobile)	10465	158	NA	NA
Quadro P4200	10448	159	NA	NA
Tesla M40	10212	160	17.02	\$600.00*
GeForce GTX 1660 Ti (Mobile)	10192	161	NA	NA
GeForce RTX 3050 Ti Laptop GPU	10128	162	NA	NA
GeForce GTX 1650 SUPER	10108	163	35.42	\$285.38*
RTX A2000 Laptop GPU	10074	164	NA	NA
GeForce GTX 1060	10070	165	35.97	\$279.99*
GeForce GTX 1070 with Max-Q Design	10067	166	NA	NA
Radeon R9 Fury X	10041	167	NA	NA
GeForce RTX 2060 with Max-Q Design	9786	168	NA	NA
GeForce GTX 1060 3GB	9743	169	36.09	\$269.99*
Radeon R9 Fury + Fury X	9741	170	21.65	\$449.99*
GeForce GTX 970	9640	171	40.51	\$237.99*
Radeon R9 Fury	9611	172	21.69	\$443.10*
GeForce RTX 3050 6GB Laptop GPU	9601	173	NA	NA
Radeon RX 590	9546	174	17.36	\$549.99*
Radeon RX 6500 XT	9507	175	59.43	\$159.99
RTX A1000 Laptop GPU	9507	176	NA	NA
GeForce GTX 780 Ti	9463	177	27.83	\$339.99*
Radeon R9 390X	9452	178	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div> Video Card </div>				
Radeon Pro 5600M	9313	182	NA	NA
Quadro P3200 with Max-Q Design	9248	183	NA	NA
Radeon RX 5500 XT	9188	184	49.67	\$184.99*
NVIDIA A40	9169	185	NA	NA
Tesla P4	9120	186	NA	NA
GRID P40-2B4	9110	187	NA	NA
Radeon Pro W5500	9106	188	22.21	\$409.99*
Quadro P4000 with Max-Q Design	9082	189	NA	NA
GeForce GTX TITAN Black	9073	190	17.28	\$524.99*
Radeon R9 390	9034	191	NA	NA
GeForce GTX TITAN Z	8986	192	5.93	\$1,515.00*
GRID P40-8Q	8967	193	NA	NA
GeForce GTX 1060 5GB	8917	194	18.27	\$487.99*
Radeon RX 580	8912	195	49.52	\$179.99*
Quadro P3200	8904	196	22.87	\$389.30*
Radeon RX 5500	8860	197	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 290X	8725	198	NA	NA
Radeon RX 480	8691	199	25.56	\$339.99*
GeForce GTX 1660 Ti with Max-Q Design	8666	200	NA	NA
Intel Arc A770	8643	201	27.01	\$319.99
Radeon R9 295X2	8637	202	17.31	\$499.10*
Radeon RX590 GME	8604	203	NA	NA
Quadro RTX 3000 with Max-Q Design	8586	204	NA	NA
GRID RTX6000-1B	8473	205	NA	NA
Radeon R9 290	8400	206	NA	NA
Radeon R9 290X / 390X	8389	207	26.22	\$319.99*
Ryzen 5 4600HS with Radeon Graphics	8370	208	NA	NA
Radeon Pro 5500 XT	8326	209	NA	NA
Radeon Pro Duo	8293	210	2.09	\$3,970.36
Intel Arc A750	8212	211	37.33	\$219.99



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon RX 4700/5700	8004	210	20.73	\$388.99
Quadro K6000	8020	216	38.07	\$210.66*
GeForce GTX 780	8018	217	28.64	\$279.99*
Ryzen 9 6900HS	8005	218	NA	NA
Radeon RX 6500M	8000	219	NA	NA
Radeon PRO W6400	7935	220	NA	NA
FirePro W9100	7927	221	4.58	\$1,729.99*
GeForce GTX 1060 with Max-Q Design	7922	222	NA	NA
Quadro M5500	7915	223	NA	NA
Radeon Pro WX 7100	7912	224	7.55	\$1,047.99*
Radeon RX 5600M	7896	225	NA	NA
GeForce GTX 1650	7853	226	52.36	\$149.99
Radeon RX 580X	7798	227	NA	NA
T1200 Laptop GPU	7781	228	NA	NA
Tesla M60	7770	229	9.86	\$787.90*
Radeon RX 580 2048SP	7757	230	NA	NA
Radeon Pro 580	7753	231	NA	NA
T1000	7681	232	19.20	\$399.99
Radeon RX 5300	7662	234	NA	NA
T1000 8GB	7662	233	NA	NA
GeForce GTX 1650 Ti	7540	236	NA	NA
Radeon Pro 580X	7540	235	NA	NA
Tesla M6	7509	237	37.73	\$199.00*
Radeon RX 6400	7474	238	48.22	\$154.99
Radeon Pro 5300	7416	239	NA	NA
GeForce GTX 980M	7369	240	25.41	\$289.99*
FirePro W8100	7313	241	10.39	\$704.00*
Tesla P100-PCIe-16GB	7225	242	NA	NA
Radeon 780M	7206	243	NA	NA
Radeon Ryzen 9 4900HS	7185	244	NA	NA
Intel Arc A770M	7147	245	NA	NA



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Quadro M5000M	7024	248	12.84	\$546.92
Quadro P2000	7000	249	15.92	\$439.60
T600 Laptop GPU	6997	250	NA	NA
GeForce RTX 2050	6972	251	NA	NA
GeForce GTX 1650 (Mobile)	6968	252	NA	NA
Quadro T2000 with Max-Q Design	6883	253	NA	NA
Ryzen 7 6800HS with Radeon Graphics	6867	254	NA	NA
Radeon Pro 5500M	6825	255	NA	NA
Radeon RX 6500	6801	256	NA	NA
Radeon Ryzen 7 6800HS	6775	257	NA	NA
GeForce GTX 970XM FORCE	6706	258	NA	NA
RTX A500 Laptop GPU	6698	259	NA	NA
Quadro T1000 with Max-Q Design	6665	260	NA	NA
Quadro M4000	6652	261	18.38	\$362.00*
Radeon Ryzen 9 7950X 16-Core	6611	262	NA	NA
Quadro P3000	6595	263	NA	NA
Quadro T1000	6594	264	16.28	\$404.98
Radeon Pro WX 7130	6577	265	NA	NA
Radeon RX Vega M GH	6570	266	NA	NA
T600	6512	267	27.14	\$239.99*
Radeon Ryzen 9 6900HS	6438	268	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6368	269	NA	NA
Radeon Ryzen 7 4800HS	6344	270	NA	NA
Radeon Pro 570	6336	271	NA	NA
GeForce GTX 1050 Ti	6298	272	30.73	\$204.99
Radeon R9 380X	6261	273	17.89	\$349.99*
Radeon R9 280X	6241	274	NA	NA
Radeon R9 380	6240	275	69.34	\$89.99*
Quadro M4000M	6230	276	24.44	\$254.91*
FirePro W9000	6138	277	7.26	\$845.00*
GeForce GTX 1650 with Max-Q Design	6078	278	NA	NA


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Ryzen 9 5900HS with Radeon Graphics	5990	282	NA	NA
Radeon Pro 5300M	5973	283	NA	NA
GRID P100-16Q	5944	284	NA	NA
Tesla K80	5940	285	10.00	\$593.95*
Quadro K5200	5926	286	14.28	\$415.00*
GeForce GTX 1050 Ti (Mobile)	5918	287	NA	NA
GeForce GTX 770	5892	288	23.66	\$249.00*
Ryzen 9 6900HS with Radeon Graphics	5827	289	NA	NA
GeForce MX570	5801	290	NA	NA
Radeon PRO Ryzen 7 PRO 6850U	5788	291	NA	NA
Radeon Ryzen 7 PRO 6850H	5767	292	NA	NA
Ryzen 9 PRO 6950H	5758	293	NA	NA
GeForce GTX 970M	5731	294	27.30	\$209.99*
Radeon Ryzen 7 6800H	5697	295	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro WX 5100	5612	296	15.59	\$359.99*
Radeon R9 280	5603	297	NA	NA
Ryzen 7 PRO 6850U	5580	298	NA	NA
Radeon HD 7990	5565	299	13.91	\$399.99*
GeForce GTX 690	5556	300	19.78	\$280.99*
Radeon R9 285 / 380	5549	301	11.44	\$485.00*
GeForce GTX 680	5530	302	13.86	\$399.00*
GRID M60-8A	5523	303	NA	NA
Quadro M3000M	5477	304	34.25	\$159.95*
GeForce GTX 760 Ti OEM	5427	305	NA	NA
Ryzen 9 6900HX	5415	306	NA	NA
FirePro W7100	5399	307	13.87	\$389.30*
GeForce GTX 1050 Ti with Max-Q Design	5392	308	NA	NA
Radeon Pro Vega 20	5391	309	NA	NA
GRID P40-4Q	5364	310	NA	NA
GeForce GTX 950	5346	311	37.65	\$141.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div> Video Card </div></div>				
Radeon RX 5500M	5200	310	NA	NA
Radeon HD 7970 / R9 280X	5247	316	21.25	\$246.99*
Ryzen 7 6800H	5247	317	NA	NA
Ryzen 7 6800HS	5237	318	NA	NA
Radeon Ryzen 9 6900HX	5234	319	NA	NA
Radeon HD 8990	5214	320	NA	NA
GRID M60-2Q	5203	321	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5188	322	NA	NA
Radeon Ryzen 7 PRO 6850HS	5165	323	NA	NA
Radeon Ryzen 7 PRO 6850U	5165	324	NA	NA
Q12U-1	5164	325	NA	NA
Radeon R9 M295X	5150	326	3.55	\$1,449.00*
GeForce GTX 760 Ti	5145	327	17.30	\$297.50*
GeForce GTX 1050 3GB	5120	328	NA	NA
GeForce GTX 1630	5085	329	36.33	\$139.99
Ryzen 7 PRO 6860Z	5076	330	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	5067	331	NA	NA
Quadro P2000 with Max-Q Design	5061	332	NA	NA
FirePro S9000	5059	333	NA	NA
EIZO Quadro MED-XN51LP	5048	334	NA	NA
GeForce GTX 1050	5042	335	21.01	\$239.99*
Radeon R9 M395	5023	336	NA	NA
Ryzen 7 6800U	5006	337	NA	NA
Radeon Ryzen 7 7735U	5003	338	NA	NA
Radeon Ryzen 9 7900 12-Core	4989	339	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	4966	340	NA	NA
Barco MXRT 7600	4943	341	8.20	\$602.59*
Radeon R9 270X	4916	342	15.06	\$326.50*
FirePro S9050	4901	343	NA	NA
Ryzen 7 5800HS with Radeon Graphics	4839	344	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div><div> Video Card </div></div>				
GRID R1 X6000P-bQ	4777	348	NA	NA
Radeon R9 M395X	4775	350	NA	NA
T550 Laptop GPU	4775	349	NA	NA
FirePro S10000	4768	351	NA	NA
Radeon HD 7950 / R9 280	4764	352	36.04	\$132.20*
Radeon Sky 500	4736	353	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4729	354	NA	NA
GRID P40-24Q	4727	355	NA	NA
Radeon R9 370	4722	356	29.51	\$159.99*
Radeon Ryzen 7 PRO 6860Z	4710	357	NA	NA
Ryzen 7 6800U with Radeon Graphics	4708	358	NA	NA
Radeon Pro Vega 16	4682	359	NA	NA
GRID V100D-2Q	4667	360	NA	NA
Radeon Ryzen 7 6800U	4658	361	NA	NA
Radeon Pro WX Vega M GL	4643	362	NA	NA
Radeon HD 7870	4636	363	26.34	\$176.00*
GeForce MX550	4592	364	NA	NA
B8DKMDAP	4557	365	NA	NA
Radeon Pro 465	4537	366	NA	NA
GeForce GTX 580	4536	367	32.42	\$139.92*
FirePro S7000	4523	368	18.35	\$246.54*
GRID T4-8Q	4518	369	NA	NA
Radeon R7 370	4507	370	NA	NA
Radeon HD 7870 XT	4469	371	NA	NA
GeForce GTX 1050 (Mobile)	4461	372	NA	NA
GRID M60-1B	4456	373	NA	NA
Citrix Indirect Display Adapter	4446	374	NA	NA
GRID P6-4Q	4429	375	NA	NA
Quadro P1000	4421	376	15.25	\$289.99*
GeForce GTX 660 Ti	4368	377	30.34	\$144.00*
FirePro W7000 Adapter	4361	378	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div> Video Card </div>				
Radeon Ryzen 5 6600H	4333	382	NA	NA
Tesla K20m	4330	383	NA	NA
Quadro K4200	4309	384	17.31	\$249.00*
Radeon R9 270	4306	385	NA	NA
P104-100	4290	386	14.30	\$299.99*
Radeon R9 270 / R7 370	4259	387	19.98	\$213.16*
FirePro W7000	4250	389	15.29	\$278.05*
GRID M60-1Q	4250	388	NA	NA
Ryzen 9 6900HX with Radeon Graphics	4208	390	NA	NA
Radeon RX 5300M	4197	391	NA	NA
GRID V100D-8Q	4155	392	NA	NA
GeForce GTX 680MX	4142	393	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 460	4114	394	24.67	\$166.81*
FirePro W8000	4095	395	7.15	\$573.00*
Radeon PRO Ryzen 5 PRO 6650U	4066	396	NA	NA
GeForce GTX 480	4042	397	23.78	\$169.99*
Radeon Ryzen 7 4800H	4031	398	NA	NA
Radeon HD 7800-serie	4029	399	NA	NA
GRID P40-2Q	4023	400	NA	NA
GeForce GTX 660	3992	401	23.77	\$167.95*
Intel Arc A380	3987	402	NA	NA
Quadro K5000	3968	403	15.94	\$249.00*
Quadro M2000	3939	404	14.91	\$264.24*
GRID P6-2Q	3925	405	NA	NA
GeForce GTX 570	3919	406	26.13	\$149.99*
Radeon Ryzen 9 PRO 6950HS	3901	407	NA	NA
GeForce GTX 750 Ti	3898	408	44.24	\$88.11*
GRID M60-8Q	3883	409	NA	NA
GeForce GTX 780M	3877	410	7.77	\$499.00*
Radeon HD 8970M	3876	411	27.69	\$139.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<div> Video Card </div>				
GRID P 100-8Q	3841	410	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3838	417	NA	NA
Radeon Ryzen 5 7535U	3838	416	NA	NA
GRID M60-4Q	3831	418	NA	NA
GeForce GTX 880M	3776	419	NA	NA
Radeon Pro WX 4100	3759	420	7.52	\$499.99*
Barco MXRT 7500	3753	421	12.55	\$299.00*
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	422	NA	NA
GeForce MX450	3720	423	NA	NA
GeForce GTX 965M	3709	424	NA	NA
GeForce GTX 775M	3689	425	NA	NA
Ryzen 5 6600HS Creator Edition	3685	426	NA	NA
Radeon Pro 560X	3677	427	NA	NA
T400 4GB	3663	428	NA	NA
Radeon R9 M485X	3660	429	NA	NA
Radeon Ryzen 5 PRO 6650U	3642	430	NA	NA
Radeon RX 560	3637	431	16.84	\$215.99
T500	3636	432	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3629	433	NA	NA
T400	3628	434	20.16	\$179.99*
Quadro P620	3583	435	7.78	\$460.47
Radeon RX Vega M GL	3578	436	NA	NA
GeForce GTX 680M KY_Bullet Edition	3568	437	NA	NA
GRID M6-8Q	3568	438	NA	NA
Quadro K2200	3541	439	13.20	\$268.30*
Radeon Ryzen 5 6600U	3527	440	NA	NA
GRID K520	3516	441	23.44	\$149.99*
Quadro 7000	3505	442	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 9 7900X 12-Core	3499	443	NA	NA
Ryzen 5 PRO 6650U	3492	444	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon Pro 460	3432	448	NA	NA
GRID T4-2Q	3450	449	NA	NA
Quadro K2200M	3440	451	27.54	\$124.95*
Quadro M2000M	3440	450	16.14	\$213.16*
Tesla C2050 / C2070	3428	452	NA	NA
NVIDIA A10-4Q	3424	453	NA	NA
Radeon R9 M470X	3400	454	NA	NA
GeForce GTX 960M	3397	455	2.91	\$1,169.00*
Radeon E8870PCIe	3368	457	NA	NA
Radeon HD8970M	3368	456	NA	NA
GeForce GTX 750	3355	458	41.95	\$79.99*
GRID P40-2B	3354	459	NA	NA
GRID M10-1Q	3351	460	NA	NA
Radeon R9 M390X	3346	461	NA	NA
GeForce GTX 590	3341	462	7.68	\$435.00*
GeForce GTX 650 Ti BOOST	3334	463	NA	NA
Tesla C2050	3323	464	12.31	\$269.99*
Quadro M1200	3283	465	NA	NA
Tesla K40m	3281	466	NA	NA
Radeon Pro	3272	467	14.23	\$229.99*
GRID T4-4Q	3260	468	NA	NA
GeForce 770M	3245	469	18.34	\$176.99*
Quadro P600	3240	470	15.62	\$207.42
Ryzen 5 6600U with Radeon Graphics	3233	471	NA	NA
Radeon R9 M290X	3217	472	NA	NA
Radeon RX 560X	3194	473	NA	NA
GeForce GTX 680M	3190	474	23.46	\$135.99*
Radeon R9 260	3181	475	NA	NA
FirePro V7000	3161	476	NA	NA
FirePro W7170M	3161	477	NA	NA
Radeon R7 260X	3153	478	22.53	\$139.99*