

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

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Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 3090 Ti	29553	1	22.22	\$1,329.99
Radeon RX 6950 XT	27858	2	26.53	\$1,049.99
GeForce RTX 3080 Ti	27236	3	31.31	\$869.99
GeForce RTX 3090	26598	4	24.37	\$1,091.54
Radeon RX 6900 XT	25815	5	35.36	\$729.99
GeForce RTX 3080	25225	6	34.09	\$739.99
RTX A5500	23977	7	NA	NA
Radeon RX 6800 XT	23839	8	39.73	\$599.99
RTX A5000	23627	9	8.98	\$2,631.20*
GeForce RTX 3070 Ti	23600	10	36.31	\$649.99
RTX A4500	22332	11	12.74	\$1,752.60*
GeForce RTX 3070	22230	12	41.63	\$533.99
Radeon RX 6850M XT	22198	13	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Radeon RX 6800	20924	10	30.39	\$574.99
GeForce RTX 3080 Ti Laptop GPU	20709	17	NA	NA
GeForce RTX 3060 Ti	20375	18	43.35	\$469.99
TITAN RTX	19963	19	7.14	\$2,794.99*
TITAN V	19773	20	9.89	\$1,999.99*
Quadro GV100	19592	21	2.18	\$8,999.00*
Quadro RTX 6000	19566	22	3.11	\$6,300.00*
Radeon RX 6750 XT	19550	23	39.10	\$499.99
GeForce RTX 2080 SUPER	19518	24	28.54	\$683.99*
Radeon RX 6700	19464	25	NA	NA
TITAN Xp	19459	26	NA	NA
Quadro RTX 8000	19126	27	4.03	\$4,741.49*
Radeon RX 6700 XT	18957	28	45.14	\$419.99
RTX A4000	18944	29	15.35	\$1,233.98*
RTX A4500 Laptop GPU	18906	30	NA	NA
Radeon PRO W6800	18876	31	8.60	\$2,194.99*
GeForce RTX 2080	18749	32	23.52	\$797.05*
A10G	18723	33	NA	NA
TITAN Xp COLLECTORS EDITION	18711	34	NA	NA
GeForce RTX 3070 Ti Laptop GPU	18578	35	NA	NA
GeForce GTX 1080 Ti	18376	36	37.98	\$483.82*
NVIDIA TITAN Xp	18280	37	11.11	\$1,645.00*
GeForce RTX 2070 SUPER	18185	38	34.64	\$524.99*
GeForce RTX 3060	17024	39	51.75	\$329.00*
TITAN V CEO Edition	16987	40	NA	NA
Radeon RX 5700 XT	16899	41	37.55	\$449.99*
Tesla P40	16864	42	NA	NA
Radeon Pro VII	16853	43	NA	NA
Radeon VII	16804	44	8.84	\$1,899.95*
Radeon RX 5700 XT 50th Anniversary	16643	45	NA	NA
GeForce RTX 3080 Laptop GPU	16625	46	NA	NA
GeForce RTX 2060 SUPER	16522	47	48.60	\$339.99


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6600 XT	16103	50	44.12	\$564.99
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 2070	16092	51	25.65	\$627.44*
RTX A5000 Laptop GPU	15991	52	NA	NA
RTX A4000 Laptop GPU	15931	53	NA	NA
Miracast display port driver V3	15909	-1	NA	NA
Radeon RX 6600 XT	15856	54	63.17	\$251.00
RTX A5500 Laptop GPU	15840	55	NA	NA
Quadro P6000	15700	56	4.83	\$3,250.00*
RTX A3000 12GB Laptop GPU	15694	57	NA	NA
Quadro RTX 4000	15514	58	17.26	\$899.00*
GeForce GTX 1080	15305	59	34.57	\$442.79*
GeForce RTX 3070 Laptop GPU	15272	60	NA	NA
GeForce RTX 2080 (Mobile)	15107	61	NA	NA
Radeon Pro W5700	15043	62	9.12	\$1,649.99*
Quadro RTX 5000 (Mobile)	14832	63	NA	NA
Radeon Pro Vega II	14737	64	NA	NA
Quadro RTX 5000 with Max-Q Design	14699	65	NA	NA
Radeon RX 5700	14677	66	16.31	\$899.95*
Radeon RX Vega 64	14656	67	18.32	\$799.99*
Radeon Pro Vega 64X	14630	-1	NA	NA
GeForce GTX 1070 Ti	14589	68	37.50	\$389.00*
Radeon PRO W6600	14502	69	NA	NA
RTX A2000 12GB	14178	70	NA	NA
Radeon RX 6600	14138	71	42.97	\$329.00*
GeForce RTX 2060	14002	72	50.19	\$279.00
Radeon Pro WX 8200	13884	73	8.68	\$1,599.39*
GeForce GTX 980 Ti	13865	74	16.73	\$828.97
Radeon RX 5600 XT	13834	75	25.38	\$545.00*
Radeon Vega Frontier Edition	13745	76	8.18	\$1,679.99*
NVIDIA TITAN X	13659	77	22.46	\$608.10*
Radeon RX Vega 56	13637	78	18.11	\$752.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Radeon RX 6800S	13321	81	NA	NA
GeForce GTX TITAN X	13251	82	12.08	\$1,096.99*
RTX A2000	13118	83	15.51	\$845.99*
RTX A3000 Laptop GPU	13053	84	NA	NA
Quadro RTX 4000 (Mobile)	12945	85	NA	NA
GeForce RTX 3060 Laptop GPU	12861	86	34.81	\$369.48
Radeon Pro V520 MxGPU	12852	87	NA	NA
GeForce RTX 3050	12759	88	NA	NA
GeForce GTX 1660 SUPER	12758	89	55.47	\$229.99
Radeon RX 6700S	12757	90	NA	NA
Tesla T10	12650	91	NA	NA
Radeon Pro 5700 XT	12551	92	NA	NA
Radeon Pro Vega 56	12397	93	NA	NA
GeForce RTX 2070 (Mobile)	12354	95	NA	NA
Quadro P5200	12354	94	NA	NA
GeForce RTX 2080 with Max-Q Design	12321	96	5.87	\$2,099.99*
RadeonT RX 6850M	12274	97	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6700M	12257	98	32.26	\$379.99
Quadro M6000 24GB	12243	99	NA	NA
Quadro P5000	11919	100	6.38	\$1,868.99*
Radeon Pro 5700	11844	101	NA	NA
GeForce GTX 1660 Ti	11819	102	43.78	\$269.99
GeForce GTX 1660	11720	103	55.81	\$209.99
Quadro M6000	11677	104	10.62	\$1,099.98*
Tesla M40 24GB	11658	105	NA	NA
Quadro P4000	11400	106	20.50	\$556.19*
GeForce RTX 2060 (Mobile)	11354	107	NA	NA
Radeon Pro Vega 48	11352	108	NA	NA
GeForce GTX 980	11241	109	45.45	\$247.35*
Quadro RTX 4000 with Max-Q Design	11185	110	NA	NA
GeForce RTX 2070 with Max-Q Design	11178	111	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Radeon RX 6600M	10670	114	43.30	\$450.84
Radeon Pro Vega 64	10828	115	NA	NA
Tesla T4	10807	116	2.19	\$4,940.55
GeForce RTX 3050 OEM	10765	117	NA	NA
RTX A2000 8GB Laptop GPU	10718	118	NA	NA
Radeon Pro SSG	10497	119	4.36	\$2,410.15*
Radeon Instinct MI25 MxGPU	10466	120	NA	NA
GeForce GTX 1070 (Mobile)	10465	121	NA	NA
Quadro P4200 with Max-Q Design	10323	122	NA	NA
RTX A2000 Laptop GPU	10188	123	NA	NA
GeForce GTX 1660 Ti (Mobile)	10176	124	NA	NA
GeForce GTX 1080 with Max-Q Design	10174	125	NA	NA
Radeon R9 Fury X	10142	126	NA	NA
Tesla M40	10116	127	16.86	\$600.00*
GeForce GTX 1060	10066	128	35.95	\$279.99*
GeForce GTX 1650 SUPER	10055	129	22.80	\$441.05*
Radeon RX 6800M	9998	130	NA	NA
Quadro P4200	9853	131	NA	NA
Quadro P5200 with Max-Q Design	9796	132	NA	NA
Radeon R9 Fury + Fury X	9741	133	21.65	\$449.99*
GeForce RTX 3050 Ti Laptop GPU	9731	134	NA	NA
GeForce GTX 1060 3GB	9729	135	36.04	\$269.99*
RTX A1000 Laptop GPU	9676	136	NA	NA
GeForce GTX 970	9667	137	40.62	\$237.99*
Radeon RX 590	9656	138	17.56	\$549.99*
Radeon R9 Fury	9566	139	21.59	\$443.10*
Radeon R9 390X	9463	140	NA	NA
Radeon Ryzen 9 4900HSS	9460	-1	NA	NA
Quadro P2200	9455	141	20.56	\$459.80*
GeForce GTX 1070 with Max-Q Design	9442	142	NA	NA
GeForce GTX 780 Ti	9356	143	27.52	\$339.99*
Radeon Pro W5500	9302	144	19.34	\$480.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6900 XT	9200	140	91.99	\$119.99
GeForce GTX TITAN Z	9188	147	6.07	\$1,515.00*
Radeon RX 5500 XT	9185	148	49.66	\$184.99*
GeForce GTX TITAN Black	9160	149	17.45	\$524.99*
Radeon Pro 5600M	9152	150	NA	NA
Quadro P4000 with Max-Q Design	9082	151	NA	NA
GeForce RTX 3050 Laptop GPU	9051	152	28.74	\$314.99
Radeon R9 390	9043	153	NA	NA
GeForce GTX 1060 5GB	9024	154	18.49	\$487.99*
Radeon RX 580	8919	155	24.50	\$364.01*
Radeon RX 5500	8842	156	NA	NA
Radeon Ryzen 7 4800HS	8841	157	NA	NA
Quadro P3200	8837	158	22.70	\$389.30*
Radeon R9 290X	8815	159	NA	NA
Radeon RX 480	8681	160	25.53	\$339.99*
Quadro P3200 with Max-Q Design	8656	161	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8619	162	NA	NA
Radeon R9 295X2	8619	163	17.27	\$499.10*
Radeon Ryzen 9 5900HS	8606	164	NA	NA
Radeon RX590 GME	8591	165	NA	NA
Radeon Ryzen 9 4900HS	8572	166	NA	NA
Ryzen 7 6800HS with Radeon Graphics	8472	167	NA	NA
Radeon R9 290X / 390X	8389	168	26.22	\$319.99*
Radeon R9 290	8388	169	NA	NA
Radeon Pro Duo	8323	170	6.94	\$1,199.06*
Radeon Pro 5500 XT	8298	171	NA	NA
15FF	8229	172	NA	NA
GeForce GTX Titan	8183	173	10.99	\$745.00*
GeForce GTX 1060 (Mobile)	8160	174	NA	NA
Radeon R9 290 / 390	8150	175	21.45	\$380.00*
Radeon RX 470/570	8094	176	20.81	\$388.99*
Quadro K6000	8091	177	38.41	\$210.66*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Radeon Pro VVX / 100	7921	179	7.50	\$1,041.99
Quadro M5500	7915	180	NA	NA
T1200 Laptop GPU	7907	181	NA	NA
T1000 8GB	7896	182	NA	NA
GeForce GTX 1060 with Max-Q Design	7855	183	NA	NA
Radeon RX 580 2048SP	7852	184	NA	NA
GeForce GTX 1650	7820	185	43.45	\$179.99
Radeon RX 580X	7798	186	NA	NA
Tesla M60	7770	187	9.86	\$787.90*
Radeon Pro 580	7753	188	NA	NA
T1000	7727	189	21.95	\$352.11
FirePro W9100	7719	190	4.46	\$1,729.99*
Radeon RX 5300	7610	191	NA	NA
Radeon Pro 580X	7540	192	NA	NA
Radeon RX 5600M	7537	193	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Tesla M6	7509	194	37.73	\$199.00*
GeForce GTX 1650 Ti	7497	195	NA	NA
Radeon Pro 5300	7491	196	NA	NA
Quadro RTX 3000 with Max-Q Design	7428	197	NA	NA
Ryzen 7 5800HS with Radeon Graphics	7391	-1	NA	NA
RadeonT RX 5300	7321	198	NA	NA
FirePro W8100	7313	199	10.39	\$704.00*
GeForce GTX 980M	7300	200	25.17	\$289.99*
Tesla P100-PCIe-16GB	7225	201	NA	NA
Quadro T2000	7172	202	13.57	\$528.35*
Quadro P2000	7097	203	13.10	\$542.00*
T600 Laptop GPU	7039	204	NA	NA
Tesla K80	7024	-1	11.83	\$593.95*
Ryzen 7 4800HS with Radeon Graphics	6999	-1	NA	NA
GeForce GTX 1650 (Mobile)	6968	205	NA	NA
Quadro M5000M	6893	206	12.61	\$546.92*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon RX Vega M GL	6739	209	NA	NA
GeForce GTX 970XM FORCE	6706	210	NA	NA
Radeon R9 285	6680	-1	NA	NA
Quadro M4000	6628	211	18.31	\$362.00*
Quadro P3000	6561	212	NA	NA
T600	6546	213	30.81	\$212.46
Quadro T1000	6528	214	14.77	\$441.99*
Quadro M4000M	6444	215	25.28	\$254.91*
GeForce MX570	6433	216	NA	NA
Radeon Pro 570	6336	217	NA	NA
GeForce GTX 1050 Ti	6307	218	33.20	\$189.99
Radeon R9 280X	6268	219	NA	NA
Radeon R9 380	6251	220	69.47	\$89.99*
Radeon R9 380X	6235	221	17.82	\$349.99*
Radeon RX 6650M	6212	-1	NA	NA
FirePro W9000	6138	222	7.26	\$845.00*
Radeon Pro WX Vega M GL	6049	223	NA	NA
GeForce GTX 960	6033	224	35.08	\$172.00*
Ryzen 9 6900HS with Radeon Graphics	6001	225	NA	NA
Radeon PRO W6400	5969	226	NA	NA
GRID P100-16Q	5944	227	NA	NA
GeForce GTX 1650 with Max-Q Design	5923	228	NA	NA
GeForce GTX 1050 Ti (Mobile)	5918	229	NA	NA
GeForce RTX 2050	5905	230	NA	NA
Quadro K5200	5900	231	14.22	\$415.00*
GeForce GTX 770	5881	232	23.62	\$249.00*
Radeon Pro 5300M	5854	233	NA	NA
A16	5797	-1	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5781	234	NA	NA
GeForce GTX 970M	5773	235	27.49	\$209.99*
Radeon Pro WX 7130	5721	236	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)
Home Video Card ▼				
GeForce GTX 690	5519	239	20.00	\$280.99
Radeon HD 7990	5565	240	13.91	\$399.99*
GeForce GTX 680	5560	241	13.94	\$399.00*
Radeon R9 285 / 380	5549	242	11.44	\$485.00*
GRID M60-8A	5523	243	NA	NA
Radeon Pro WX 5100	5476	244	9.94	\$550.95*
Tesla K20Xm	5428	-1	NA	NA
GeForce GTX 760 Ti OEM	5427	245	NA	NA
Quadro P2000 with Max-Q Design	5392	246	NA	NA
GeForce GTX 950	5376	247	37.86	\$141.99*
FirePro S10000	5315	248	NA	NA
GeForce GTX 670	5302	249	27.33	\$193.98*
GRID M60-2Q	5291	250	NA	NA
Radeon HD 7970 / R9 280X	5247	251	21.25	\$246.99*
Radeon HD 8990	5214	252	NA	NA
GeForce GTX 760 Ti	5205	253	17.50	\$297.50*
FirePro W7100	5175	254	13.29	\$389.30*
Q12U-1	5164	255	NA	NA
Radeon R9 M295X	5150	256	3.55	\$1,449.00*
Radeon Pro Vega 20	5116	257	NA	NA
GeForce GTX 1050	5074	258	29.00	\$174.99
Ryzen 9 PRO 6950HS with Radeon Graphics	5067	259	NA	NA
FirePro S9000	5059	260	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	4995	261	NA	NA
Radeon R9 M395	4991	262	NA	NA
Ryzen 7 6800HS Creator Edition	4947	263	NA	NA
EIZO Quadro MED-XN51LP	4946	264	NA	NA
Barco MXRT 7600	4943	265	8.20	\$602.59*
Radeon R9 270X	4923	266	15.08	\$326.50*
FirePro S9050	4901	267	NA	NA
Radeon Ryzen 7 4800H	4865	268	NA	NA
T550 Laptop GPU	4855	269	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon R9 M375X	4115	212	NA	NA
GeForce GTX 760	4770	273	32.01	\$149.00*
Radeon HD 7950 / R9 280	4764	274	36.04	\$132.20*
Radeon Sky 500	4736	275	NA	NA
GRID P40-24Q	4727	276	NA	NA
Radeon R9 370	4722	277	29.51	\$159.99*
Radeon Pro Vega 16	4682	278	NA	NA
GRID M60-1Q	4680	279	NA	NA
Radeon HD 7870	4666	280	26.51	\$176.00*
GeForce MX550	4633	281	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4603	282	NA	NA
GeForce GTX 1630	4579	283	28.09	\$162.99
B8DKMDAP	4557	284	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro 465	4537	285	NA	NA
GeForce GTX 580	4514	286	32.27	\$139.92*
Radeon R7 370	4493	287	NA	NA
Radeon HD 7870 XT	4469	288	NA	NA
Radeon RX 5500M	4464	289	NA	NA
GeForce GTX 1050 (Mobile)	4461	290	NA	NA
GRID M60-1B	4456	291	NA	NA
Intel Arc A380	4449	-1	NA	NA
Quadro P1000	4448	292	13.28	\$335.00*
Citrix Indirect Display Adapter	4446	293	NA	NA
GRID P6-4Q	4429	294	NA	NA
GeForce GTX 660 Ti	4373	295	30.37	\$144.00*
FirePro W7000 Adapter	4339	296	NA	NA
Quadro K4200	4332	297	17.40	\$249.00*
Quadro M2200	4326	298	17.31	\$249.99*
Barco MXRT 7500	4319	299	14.45	\$299.00*
FirePro W7000	4311	300	15.51	\$278.05*
Radeon R9 270	4306	301	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
GeForce GTX 6800M	4210	304	NA	NA
Radeon R9 270 / R7 370	4259	305	19.98	\$213.16*
FirePro S7000	4166	306	16.90	\$246.54*
GRID V100D-8Q	4155	307	NA	NA
FirePro W8000	4137	308	7.22	\$573.00*
Radeon RX 460	4117	309	24.68	\$166.81*
GeForce GTX 480	4108	310	24.17	\$169.99*
Radeon HD 7800-serie	4029	311	NA	NA
GRID P6-2Q	4000	312	NA	NA
GeForce GTX 660	3997	313	23.80	\$167.95*
Quadro K5000	3966	314	15.93	\$249.00*
Ryzen 7 6800H with Radeon Graphics	3928	315	NA	NA
Quadro M2000	3926	316	14.86	\$264.24*
GeForce GTX 750 Ti	3913	317	44.42	\$88.11*
GeForce GTX 570	3905	318	26.04	\$149.99*
Tesla K20m	3895	319	NA	NA
GRID M60-8Q	3883	320	NA	NA
Radeon HD 8970M	3876	321	27.69	\$139.99*
GeForce GTX 880M	3871	322	NA	NA
GeForce GTX 1050 with Max-Q Design	3866	323	NA	NA
Radeon RX 5300M	3854	324	NA	NA
GeForce GTX 965M	3849	325	NA	NA
GRID P100-8Q	3841	326	NA	NA
Radeon HD 7850	3829	327	22.53	\$169.99*
P106-100	3801	328	NA	NA
GeForce GTX 780M	3800	329	7.62	\$499.00*
Radeon HD 7970M	3774	330	NA	NA
Radeon Pro WX 4100	3773	331	7.55	\$499.99*
Tesla K40c	3756	-1	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX450	3736	333	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	332	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
T400	3639	336	23.31	\$150.99
T500	3645	337	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3635	338	NA	NA
T400 4GB	3633	339	NA	NA
Quadro P620	3629	340	6.15	\$590.61
Radeon RX 560	3598	341	16.16	\$222.59*
Quadro K2200M	3570	342	28.58	\$124.95*
GeForce GTX 680M KY_Bullet Edition	3568	343	NA	NA
GRID M6-8Q	3568	344	NA	NA
Quadro K2200	3543	345	13.21	\$268.30*
Quadro M2000M	3523	346	16.53	\$213.16*
Tesla C2050	3515	347	13.02	\$269.99*
Quadro 7000	3505	348	NA	NA
Tesla M10	3490	349	1.30	\$2,695.00*
Radeon Pro 560	3475	350	NA	NA
Radeon Pro 460	3452	351	NA	NA
Tesla C2050 / C2070	3428	352	NA	NA
Ryzen 5 6600U with Radeon Graphics	3417	353	NA	NA
GeForce GTX 960M	3410	354	2.92	\$1,169.00*
Radeon R9 M470X	3400	355	NA	NA
GRID K520	3399	356	22.66	\$149.99*
Radeon RX Vega M GL	3387	357	NA	NA
GeForce GTX 750	3383	358	42.29	\$79.99*
Radeon E8870PCIe	3368	360	NA	NA
Radeon HD8970M	3368	359	NA	NA
GeForce GTX 590	3358	361	7.72	\$435.00*
GeForce GTX 870M	3354	362	NA	NA
GRID P40-2B	3354	363	NA	NA
GRID M10-1Q	3351	364	NA	NA
Quadro M1200	3341	365	NA	NA
GeForce GTX 650 Ti BOOST	3308	366	NA	NA
Quadro K5100M	3280	367	2.96	\$1,108.84*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
GeForce 770M	3245	370	18.34	\$170.99
GRID M10-4Q	3223	371	NA	NA
Radeon R9 M485X	3204	372	NA	NA
GRID M60-4Q	3188	373	NA	NA
Radeon R9 260	3181	374	NA	NA
Radeon RX 560X	3181	375	NA	NA
RadeonT RX 5500M	3165	376	NA	NA
FirePro V7000	3161	377	NA	NA
FirePro W7170M	3161	378	NA	NA
Radeon Pro 555	3140	380	2.99	\$1,049.00*
Radeon R7 260X	3140	379	22.44	\$139.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 680M	3134	381	23.05	\$135.99*
Tesla C2075	3118	382	4.83	\$646.00*
Radeon Pro 455	3112	383	6.93	\$449.00*
GeForce GTX 470	3110	384	51.84	\$59.99*
Tesla C2070	3101	385	5.13	\$604.00*
Intel G35 Express	3090	386	NA	NA
Radeon HD 7790	3090	387	22.07	\$139.99*
GeForce GTX 560 Ti	3061	388	23.55	\$129.99*
Radeon R7 360	3036	389	20.80	\$145.99*
Radeon R9 360	3031	390	22.64	\$133.89*
GeForce GTX 860M	3021	391	26.51	\$114.00*
Radeon R9 M390X	3020	392	NA	NA
Radeon HD 6990	3013	393	6.04	\$498.49*
FirePro W5000	2988	394	16.24	\$184.00*
FirePro W5100	2970	395	23.57	\$125.99*
Radeon Ryzen 7 5700GE	2964	-1	NA	NA
Quadro M1000M	2952	396	34.34	\$85.99*
GRID K260Q	2949	397	NA	NA
Radeon Ryzen 9 5900HX	2942	398	NA	NA
Radeon R9 M380	2903	399	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Quadro K1200	2010	401	9.00	\$319.95
GeForce MX350	2853	402	NA	NA
Radeon Pro V340 MxGPU	2853	403	NA	NA
GRID K280Q	2839	404	NA	NA
Radeon HD 6970	2835	405	18.91	\$149.99*
Quadro M620	2814	406	NA	NA
FirePro 3D V9800	2811	407	1.13	\$2,499.00*
Quadro K5000M	2805	408	5.51	\$508.91*
Ryzen 7 5800H with Radeon Graphics	2798	409	NA	NA
FirePro W4300	2796	410	11.65	\$239.99*
Radeon Ryzen 7 5700G	2782	411	NA	NA
Ryzen 9 5900HX with Radeon Graphics	2781	412	NA	NA
GeForce GTX 770M	2779	413	20.14	\$138.00*
Radeon Ryzen 9 5900H	2754	-1	NA	NA
Intel Iris Xe	2750	414	NA	NA
GRID K2	2736	415	0.61	\$4,449.99
FirePro S7150	2726	416	1.61	\$1,697.99*
FirePro V9800	2726	417	5.75	\$474.00*
Radeon Pro 450	2722	418	NA	NA
Radeon RX 550	2717	419	15.98	\$170.09
Ryzen 7 5700G with Radeon Graphics	2714	420	NA	NA
Ryzen 9 4900H with Radeon Graphics	2713	-1	NA	NA
GeForce GTX 560	2706	421	13.20	\$205.00*
Barco MXRT 5500	2701	422	9.04	\$299.00*
Quadro K4000	2696	423	9.99	\$270.00*
Intel UHD Graphics 770	2690	424	NA	NA
Quadro 6000	2688	425	0.66	\$4,092.38*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 465	2681	427	13.75	\$195.00*
Ryzen 7 Pro 4750G with Radeon Graphics	2681	426	NA	NA
Ryzen 7 5700GE with Radeon Graphics	2675	428	NA	NA
Ryzen 5 5600G with Radeon Graphics	2665	429	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
FirePro M6100 FireGL V	2030	432	NA	NA
FirePro R5000	2646	433	24.06	\$109.99*
MONSTER GeForce GTX 675M	2637	435	NA	NA
Radeon HD 6950	2637	434	18.84	\$139.99*
Radeon Pro WX 3100	2627	436	NA	NA
Ryzen 7 PRO 5750GE with Radeon Graphics	2626	437	NA	NA
Radeon Ryzen 7 PRO 5750GE	2620	438	NA	NA
Radeon Ryzen 5 4600H	2614	439	NA	NA
Radeon Ryzen 9 4900H	2609	440	NA	NA
GRID M10-8Q	2606	441	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2601	442	NA	NA
GeForce GTX 950M	2600	443	4.59	\$567.00*
Radeon Ryzen 7 PRO 4750G	2598	444	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2590	445	NA	NA
Radeon Ryzen 7 4700GE	2579	446	NA	NA
Radeon Ryzen 7 4700G	2564	447	NA	NA
GeForce GTX 850M	2559	448	NA	NA
Radeon Ryzen 5 5600G	2556	449	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	450	NA	NA
GRID K240Q	2541	451	NA	NA
Custom GPU 0405	2540	453	NA	NA
Radeon Pro Ryzen 5 PRO 5650U	2540	452	NA	NA
GeForce GTX 650 Ti	2537	454	27.27	\$93.05*
Radeon HD 6850 X2	2534	455	NA	NA
Ryzen 9 5980HS with Radeon Graphics	2533	-1	NA	NA
GeForce GT 1030	2532	456	23.02	\$109.99
GeForce MX330	2529	457	NA	NA
FireStream 9370	2528	459	NA	NA
Radeon Ryzen 5 5600H	2528	458	NA	NA
N18E-Q1	2525	460	NA	NA
Ryzen 5 PRO 5650G with Radeon Graphics	2522	461	NA	NA
GeForce MX250	2501	462	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Radeon Ryzen 3 PRO 5350GE	2400	403	NA	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2470	466	NA	NA
Barco MXRT 5600	2465	467	3.50	\$704.00*
Intel UHD Graphics P630	2465	468	NA	NA
Radeon Pro WX 3200	2455	469	10.56	\$232.64
Ryzen 7 PRO 5850U with Radeon Graphics	2449	470	NA	NA
FirePro 3D V8800	2437	471	5.74	\$424.99*
GRID M10-2B	2416	472	NA	NA
GeForce GTX 960A	2410	473	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 7 PRO 5750G	2409	475	NA	NA
Ryzen 7 5800U with Radeon Graphics	2409	474	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2402	-1	NA	NA
Radeon RX Vega 11 PRD	2401	476	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2395	477	NA	NA
Ryzen 3 5300GE with Radeon Graphics	2386	479	NA	NA
Ryzen 5 5600H with Radeon Graphics	2386	478	NA	NA
Radeon Ryzen 5 PRO 4650G	2384	480	NA	NA
Radeon Ryzen 5 PRO 5650GE	2382	481	NA	NA
Radeon HD 8950	2365	482	NA	NA
Radeon RX 550X	2363	483	NA	NA
GeForce GTX 485M	2359	484	NA	NA
Radeon Ryzen 7 5800U	2351	485	NA	NA
Ryzen 7 4800U with Radeon Graphics	2343	486	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2341	487	NA	NA
Radeon Pro Ryzen 7 PRO 5850U	2340	488	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	2340	489	NA	NA
GeForce GTX 675MX	2338	490	NA	NA
GRID M10-1B	2309	491	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	492	NA	NA
FirePro V7900	2304	493	12.13	\$190.00*
GeForce MX150	2299	494	38.78	\$59.29*


Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon R9 M470	2200	497	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition	2284	498	NA	NA
Radeon Ryzen 7 4800U	2277	499	NA	NA
Quadro K3100M	2273	500	5.68	\$399.95*
Radeon HD 6970M	2270	501	10.51	\$215.99*
Radeon R7 250X	2268	502	11.70	\$194.00*
Ryzen 7 5700U with Radeon Graphics	2265	503	NA	NA
Radeon HD 5870	2264	504	7.68	\$295.00*
Quadro K620	2245	505	1.11	\$2,029.99*
Radeon HD 5970	2243	506	12.46	\$179.99*
FirePro V8800	2223	508	11.23	\$198.00*
GRID P100-1B	2223	509	NA	NA
Ryzen 3 5300G with Radeon Graphics	2223	507	NA	NA
Radeon HD 6870	2215	510	8.06	\$275.00*
Radeon Ryzen 7 PRO 5850U	2206	511	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	2199	512	NA	NA
Radeon HD 7770	2196	513	7.32	\$300.00*
Radeon Ryzen 7 PRO 4750GE	2192	514	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	515	NA	NA
RadeonT R7 450	2184	516	NA	NA
Radeon Ryzen 5 4600G	2182	517	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	2180	518	NA	NA
Radeon Ryzen 3 PRO 4350G	2174	519	NA	NA
GeForce GTX 745	2172	520	7.62	\$284.95*
Intel Iris Pro P580	2168	521	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 Pro 4350G with Radeon Graphics	2163	522	NA	NA
Ryzen 5 5600U with Radeon Graphics	2163	523	NA	NA
Ryzen 7 Extreme Edition	2161	524	NA	NA
Radeon Ryzen 7 4850U Mobile	2137	-1	NA	NA
Radeon Ryzen 5 PRO 5650G	2136	525	NA	NA
Radeon RX Vega 11	2124	526	2.12	\$1,002.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Radeon 11M R9 A36U	2105	528	NA	NA
FirePro M5100	2102	529	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2100	530	NA	NA
Radeon Pro WX 4150	2098	531	3.44	\$610.04*
Quadro P520	2085	532	1.39	\$1,499.00*
Radeon Ryzen 5 5560U	2083	533	NA	NA
GeForce GTX 580M	2074	534	8.34	\$248.68*
GRID M6-1Q	2069	535	NA	NA
Ryzen 5 4600G with Radeon Graphics	2061	536	NA	NA
Quadro 5000M	2059	537	NA	NA
GeForce GTX 480M	2050	538	NA	NA
Radeon Ryzen 5 PRO 5650U	2046	539	NA	NA
FirePro V7800	2033	540	10.70	\$190.00*
Ryzen 7 4700U with Radeon Graphics	2033	541	NA	NA
Radeon Ryzen 7 4700U	2031	542	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	543	NA	NA
Radeon Ryzen 5 5600U	2027	544	NA	NA
Radeon R9 350	2026	545	6.78	\$299.00*
Radeon Ryzen 7 PRO 4750U	2021	546	NA	NA
Radeon R9 M385	2017	547	NA	NA
Radeon Pro W5500M	2010	548	NA	NA
Ryzen 5 5500U with Radeon Graphics	2010	549	NA	NA
Quadro K4000M	2009	551	7.91	\$254.00*
Radeon Pro	2009	550	0.72	\$2,782.02*
Quadro M600M	2007	553	7.97	\$251.99*
Ryzen 5 PRO 4500U with Radeon Graphics	2007	552	NA	NA
GeForce GTX 560 SE	2006	554	22.29	\$89.99*
GeForce GT 645	2005	555	NA	NA
Radeon Ryzen 5 PRO 4650GE	2004	556	NA	NA
Intel Iris Xe MAX	2003	557	NA	NA
Radeon R9 M385X	1993	558	NA	NA
GeForce GTX 460 v2	1990	559	9.95	\$199.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Quadro 5000	1902	503	0.80	\$2,480.43
Radeon R7 + R7 350 Dual	1982	562	NA	NA
Radeon Ryzen Embedded V2718	1981	564	NA	NA
GeForce GTX 765M	1978	565	10.62	\$186.30*
Ryzen 5 PRO 4650GE with Radeon Graphics	1976	566	NA	NA
GeForce GTX 460 SE	1966	567	12.29	\$159.99*
Intel Iris Pro 580	1963	568	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 + HD 7700 Dual	1962	569	NA	NA
Radeon 550	1958	-1	24.49	\$79.99
Radeon HD 5850	1958	570	6.78	\$288.99*
Radeon HD 7660D + HD 7700 Dual	1958	571	NA	NA
Radeon R7 450	1957	572	6.55	\$299.00*
GeForce GTX 470M	1953	573	NA	NA
Ryzen 5 4600U with Radeon Graphics	1951	574	NA	NA
FirePro M6100	1947	575	NA	NA
GeForce 945M	1944	576	NA	NA
Radeon R9 M275X	1940	577	NA	NA
Ryzen 5 4600H with Radeon Graphics	1938	578	NA	NA
GeForce GTX 675M	1934	579	NA	NA
Radeon RX 570X	1923	580	6.87	\$279.99*
Radeon HD 7560D + 7700 Dual	1919	581	NA	NA
GeForce GTX 570M	1909	582	NA	NA
Matrox C680 PCIe x16	1903	583	NA	NA
Ryzen 3 4300G with Radeon Graphics	1902	584	NA	NA
Radeon HD 7700-serie	1899	585	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	586	NA	NA
GeForce MX130	1884	587	NA	NA
Radeon R9 M375X	1877	588	NA	NA
GeForce GTX 670MX	1874	589	NA	NA
FirePro 3D V7800	1867	590	3.11	\$599.99*
Quadro M520	1861	591	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
GeForce GTX 645	1849	594	NA	NA
Radeon RX 540	1845	595	NA	NA
FirePro M5100 FireGL V	1839	596	NA	NA
GRID M60-0B	1838	597	NA	NA
Intel Iris Plus	1836	598	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	599	NA	NA
Radeon Vega 11	1834	600	NA	NA
MxGPU	1826	601	NA	NA
GeForce GTX 555	1823	602	NA	NA
Radeon RX Vega 11 Processor	1821	603	NA	NA
FirePro M6000	1820	604	5.58	\$325.99*
Matrox C900 PCIe x16	1812	606	NA	NA
Ryzen 5 4500U with Radeon Graphics	1812	605	NA	NA
Qualcomm Adreno 8cx Gen 3	1810	607	NA	NA
RadeonT RX 560X	1809	608	NA	NA
RadeonT 540X	1804	609	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	610	NA	NA
Radeon Ryzen 5 4500U	1799	611	NA	NA
Embedded Radeon E9173	1798	612	NA	NA
Ryzen 3 PRO 4200G with Radeon Graphics	1798	-1	NA	NA
Intel Iris 650	1794	613	NA	NA
Radeon R7 FX-9830P RADEON	1790	614	NA	NA
Radeon HD 8670D + 7700 Dual	1788	615	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 3 PRO 4200GE with Radeon Graphics	1783	616	NA	NA
GeForce GTX 670M	1778	617	NA	NA
Quadro 5010M	1771	618	7.51	\$235.95*
Radeon Ryzen 5 4600U	1768	619	NA	NA
Radeon Pro WX 2100	1763	620	NA	NA
Intel Iris Plus 655	1761	621	NA	NA
Intel UHD Graphics P750	1761	622	NA	NA
GeForce GTX 650	1760	623	16.01	\$109.98*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Ryzen 3 3400U with Radeon Graphics	1731	625	NA	NA
Intel UHD Graphics 750	1755	627	NA	NA
FirePro W600	1751	628	4.22	\$414.99*
FirePro M6000 Mobility Pro	1750	629	NA	NA
Radeon HD 5830	1733	630	6.69	\$258.99*
Intel Iris Plus 645	1731	631	NA	NA
Radeon RX Vega11	1717	632	NA	NA
Radeon HD 7750	1714	633	17.14	\$99.99*
Radeon Ryzen 3 PRO 4200GE	1712	634	NA	NA
Radeon HD 6900M	1709	635	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1698	636	NA	NA
Radeon RX 640	1690	637	NA	NA
Radeon Ryzen 5 PRO 4650U	1682	638	NA	NA
GeForce GTX 760M	1681	639	NA	NA
Radeon RX Vega 10	1672	640	NA	NA
Radeon R7 M380	1668	641	NA	NA
Firepro W5170M	1654	642	NA	NA
Radeon HD HD7850M	1651	643	NA	NA
Radeon HD 8870M	1638	644	NA	NA
FirePro M4000 Mobility Pro	1630	645	NA	NA
A40	1625	-1	NA	NA
Intel Iris Pro P6300	1625	647	NA	NA
Radeon E8860	1625	646	NA	NA
Radeon R7 M465X	1623	648	NA	NA
Radeon HD 6790	1617	649	5.50	\$294.00*
Radeon Ryzen 3 4300G	1617	651	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	650	NA	NA
Quadro K2000D	1613	652	4.75	\$339.99*
Quadro K3000M	1612	653	3.96	\$407.56*
GeForce GT 755M	1609	654	NA	NA
Seria Radeon HD 7700	1603	655	NA	NA
FirePro M4000	1601	656	21.99	\$72.83*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
 Video Card ▼				
Radeon Vega 9	1591	659	NA	NA
Radeon Vega 8	1585	660	12.50	\$126.86*
Ryzen 3 5300U with Radeon Graphics	1583	661	NA	NA
Radeon R9 M275X / M375	1574	662	NA	NA
Intel Iris Plus 650	1571	663	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro K2000	1565	664	5.32	\$294.00*
Ryzen 3 PRO 5450U with Radeon Graphics	1555	665	NA	NA
Radeon HD 7560D + HD 6670 Dual	1554	666	NA	NA
Radeon RX Vega 8	1552	667	NA	NA
Radeon Vega 10	1550	668	NA	NA
GeForce GTX 550 Ti	1546	669	15.47	\$99.99*
GeForce GT 740	1545	670	6.52	\$236.99*
Radeon HD 8470D + HD 7500 Dual	1545	671	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	672	NA	NA
GeForce GTX 285	1539	674	12.83	\$119.99*
Intel UHD Graphics	1539	673	NA	NA
FirePro V8700	1538	675	9.75	\$157.88*
Ryzen 3 PRO 4450U with Radeon Graphics	1538	676	NA	NA
FirePro W4100	1532	678	8.33	\$184.00*
Radeon HD 4890	1532	677	17.04	\$89.99*
Radeon Ryzen 3 PRO 4450U	1521	679	NA	NA
FirePro W6150M	1515	680	NA	NA
Radeon HD 7870M	1507	681	NA	NA
RadeonT RX 640	1505	682	NA	NA
GeForce 940MX	1504	683	NA	NA
Quadro P500	1504	684	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	685	NA	NA
Radeon HD 6670 + 7660D Dual	1492	686	NA	NA
Quadro 4000	1487	687	1.52	\$980.99
Radeon HD 7660D + HD 6670 Dual	1484	688	NA	NA
Radeon R9 255	1484	689	4.31	\$344.16*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
GeForce MX 110	1407	692	NA	NA
Radeon Vega 10 Mobile	1465	693	NA	NA
GeForce 845M	1464	694	NA	NA
Radeon Ryzen 3 PRO 5450U	1454	695	NA	NA
Radeon Vega 8 Mobile	1441	697	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	696	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	698	NA	NA
Intel Iris Pro Graphics 6200	1429	700	NA	NA
Radeon 550X	1429	699	NA	NA
Radeon HD 7560D + 7670 Dual	1426	701	NA	NA
GeForce GTX 660M	1420	702	17.98	\$78.99*
Radeon Ryzen 3 5300GE	1418	-1	NA	NA
Radeon R7 M370	1417	703	NA	NA
Radeon Ryzen 5 4600GE	1411	-1	NA	NA
Radeon Pro WX 4170	1409	704	NA	NA
Radeon Ryzen 3 PRO 5350G	1407	-1	NA	NA
Radeon Ryzen 3 5300G	1405	705	NA	NA
GeForce GTX 275	1400	706	3.24	\$431.72*
Radeon HD 4870	1395	707	17.45	\$79.99*
Radeon HD 7560D + HD 7670 Dual	1380	708	NA	NA
Radeon R7 PRO A12-8870	1375	709	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M370X	1374	710	1.55	\$889.00*
Radeon HD 7850M	1372	711	NA	NA
Intel Iris 550	1369	712	NA	NA
Radeon R5 A10-9630P 4C+6G	1366	713	NA	NA
FirePro M40003	1364	714	NA	NA
Radeon HD 8670D + 6670 Dual	1361	715	NA	NA
FirePro W5130M	1360	716	NA	NA
Radeon 540X	1358	717	NA	NA
Quadro K2100M	1349	718	3.24	\$415.99*
Ryzen 3 4300U with Radeon Graphics	1348	719	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Firestream 9270	1341	122	NA	NA
Radeon R7 PRO A12-9800	1340	723	NA	NA
GeForce GTS 450	1329	724	16.62	\$79.99*
Intel Iris Plus 640	1329	725	NA	NA
Radeon Ryzen 3 4300U	1322	726	NA	NA
Radeon Ryzen 3 5400U	1322	727	NA	NA
Radeon R7 PRO A10-8770	1319	728	NA	NA
Radeon HD 8670D + HD 7600 Dual	1317	729	NA	NA
GeForce GT 750M	1315	730	NA	NA
FirePro M5950	1314	731	NA	NA
Radeon 540	1312	732	NA	NA
Radeon HD 4870 X2	1309	734	NA	NA
Radeon R7 PRO A8-8670E	1309	733	NA	NA
Radeon HD 8790M	1305	736	NA	NA
Tesla M2070-Q	1305	735	NA	NA
GeForce 930MX	1301	737	NA	NA
Radeon Vega 6	1301	738	0.72	\$1,799.99*
TENSOR 1.0 Driver Intel HD 630	1299	739	NA	NA
Radeon Ryzen Embedded V2748	1296	-1	NA	NA
Intel UHD Graphics 630	1288	740	NA	NA
Quadro 4000M	1285	741	5.54	\$232.06*
Radeon R7 A370	1281	742	NA	NA
FirePro 3D V8750	1271	743	1.03	\$1,230.99*
FirePro V5900	1264	744	14.71	\$86.00*
Radeon R7 PRO A10-9700	1263	745	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	746	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	747	NA	NA
Intel Iris 540	1257	748	NA	NA
Radeon R7 A12-9800 RADEON	1248	749	NA	NA
Intel Iris Pro 5200	1245	750	NA	NA
Radeon 630	1244	751	NA	NA
GeForce GTX 560M	1240	752	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
Quadro FX 5800	1230	750	4.52	\$274.00
Radeon HD 7660D + 6670 Dual	1238	755	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	757	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6770	1235	758	4.66	\$264.99*
Radeon R7 + R5 340 Dual	1234	759	NA	NA
GeForce GPU	1233	760	NA	NA
Radeon R7 + R7 250 Dual	1232	761	NA	NA
FirePro 3D V5800	1231	762	6.04	\$204.00*
GeForce GTX 260	1223	763	15.29	\$79.99*
Radeon HD 8670D + HD 6670 Dual	1221	764	NA	NA
GeForce GTX 280	1218	765	2.33	\$522.78*
Radeon HD 8790M / R9 M290X	1210	766	NA	NA
FirePro 3D V8700	1206	767	7.09	\$170.07*
N16P-GX	1204	768	NA	NA
Radeon HD 7660D + 7540D Dual	1204	769	NA	NA
Radeon R9 M270X	1204	770	NA	NA
Intel HD P630	1203	771	NA	NA
GeForce GTX 460M	1201	772	NA	NA
GeForce GT 650M	1198	773	NA	NA
Intel HD P530	1195	774	NA	NA
Radeon HD 7730	1194	775	5.13	\$232.70*
Radeon HD 7750M	1191	776	NA	NA
Radeon R7 +8G	1190	777	NA	NA
GeForce GT 640	1188	778	10.81	\$109.99*
FirePro V5800	1185	779	22.37	\$53.00*
GeForce 840A	1179	780	NA	NA
GeForce GTX 295	1170	781	7.32	\$159.99*
Radeon R7 Opteron X3421	1168	782	NA	NA
Radeon HD 5750	1166	784	16.66	\$69.99*
Radeon R7 A10-9700 RADEON	1166	783	NA	NA
FireStream 9250	1164	785	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Home Video Card ▼				
NVS 810	1101	101	1.80	\$024.99
Radeon R7 PRO A12-8870E	1160	789	NA	NA
Intel Coffee Lake UHD	1158	790	NA	NA
Quadro K620M	1156	791	NA	NA
Radeon R7 A10-7890K	1152	792	NA	NA
GeForce 940A	1144	793	NA	NA
GeForce GT 745A	1144	794	NA	NA
Radeon R7 PRO A10-9700E	1142	795	2.16	\$529.00*
Radeon HD 8850M / R9 M265X	1139	796	NA	NA
Radeon R7 PRO A10-8770E	1134	797	NA	NA
Radeon HD 4850 X2	1132	798	NA	NA
Radeon HD 7560D + 6670 Dual	1130	799	NA	NA
Radeon R7 + R7 200 Dual	1128	800	NA	NA
Radeon HD 8650G + 7700M Dual	1126	801	NA	NA
Radeon R7 A10-7870K	1122	802	NA	NA
Radeon HD 7660D + 7500 Dual	1121	803	NA	NA
Intel HD 630	1120	804	NA	NA
Radeon R7 A10-8850	1114	806	NA	NA
Radeon R9 M275	1114	805	1.59	\$699.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 250	1113	807	5.86	\$189.97*
GeForce 940M	1110	808	NA	NA
Radeon Athlon Gold PRO 4150GE	1106	809	NA	NA
Firepro W4190M	1105	811	NA	NA
Radeon R7 A12-9800E RADEON	1105	810	7.94	\$139.19*
Quadro M500M	1103	812	NA	NA
Quadro 2100M	1100	815	NA	NA
Radeon HD 7660D + 6570 Dual	1100	814	NA	NA
Radeon R7 A10-9700E RADEON	1100	813	NA	NA
Radeon 625	1095	816	NA	NA
Intel UHD Graphics 710	1092	817	NA	NA
GeForce GTX 850M - MODDED	1091	818	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce G1 345	1000	821	19.54	\$55.59
GeForce 920MX	1082	823	NA	NA
Radeon R7 M460	1082	822	NA	NA
GeForce 930A	1081	824	NA	NA
MIRRORV3	1080	825	NA	NA
Barco MXRT 5450	1079	826	5.40	\$199.99*
Radeon R5 PRO A6-8570 2C+6G	1079	827	NA	NA
Mobility Radeon HD 5870	1076	828	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	829	NA	NA
Radeon R7 A8-9600 RADEON	1068	830	NA	NA
FirePro M4170	1067	831	NA	NA
Radeon R7 PRO A10-9700B	1066	832	NA	NA
GeForce 840M	1065	833	NA	NA
Radeon HD 7660D + 7670 Dual	1061	834	NA	NA
Radeon HD 7520G + 7700M Dual	1060	835	NA	NA
Firepro M4100	1059	837	NA	NA
GeForce GTX 760A	1059	836	NA	NA
GeForce GT 745M	1053	838	NA	NA
OPAL XT/GL	1053	839	NA	NA
Radeon HD 7670A	1050	840	NA	NA
GeForce GTX 850A	1049	841	NA	NA
Radeon R7 PRO A8-9600	1049	842	NA	NA
Radeon 535	1048	843	NA	NA
Radeon R7 + R7 240 Dual	1045	844	NA	NA
Radeon R5 A6-9500 2C+6G	1040	845	NA	NA
Radeon HD 8570D + 6670 Dual	1039	846	NA	NA
Intel UHD Graphics 620	1033	847	NA	NA
Radeon HD 8570D + HD 8570 Dual	1032	848	NA	NA
Quadro K2000M	1031	849	7.16	\$144.04*
Radeon HD 8600/8700M	1029	850	NA	NA
Radeon R7 FX-8800P	1029	851	NA	NA
Radeon R7 + R5 330 Dual	1028	852	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 A370	1024	-1	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A10-7850K	1021	855	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	856	NA	NA
Radeon HD 6700M	1016	857	NA	NA
RadeonT R5 430	1016	858	NA	NA
Radeon R5 A6-9500E 2C+4G	1014	860	NA	NA
Radeon R7 PRO A12-9800E	1014	859	NA	NA
Radeon RX Vega 6	1014	-1	NA	NA
Radeon HD 7690M XT	1009	862	NA	NA
Radeon Vega 3 Mobile	1009	861	NA	NA
GeForce 930M	1007	863	NA	NA
Quadro 3000M	1005	864	14.37	\$69.99*
GeForce 830A	1004	865	NA	NA
Radeon HD 7690M	1003	866	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	867	NA	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	869	NA	NA
Radeon HD 8570D + R7 200 Dual	999	868	NA	NA
Radeon R9 M265X	997	870	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	871	NA	NA
Radeon R7 M465	995	872	NA	NA
Radeon R7 A265	993	873	NA	NA
Radeon HD 7560D + 7570 Dual	985	874	NA	NA
Radeon HD 8690M	984	875	NA	NA
Radeon R5 340	984	876	NA	NA
Quadro 2000D	983	877	7.03	\$140.00*
Intel HD 530	982	879	NA	NA
Radeon HD 7560D + 7560D Dual	982	878	NA	NA
GeForce 830M	981	880	NA	NA
Radeon HD 8570	980	881	9.93	\$98.68*
Quadro FX 4800	977	882	4.79	\$204.00*
FirePro V4900	976	884	6.51	\$149.99*