



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.


 VIDEO CARD

 High End

High Mid Range


Low Mid Range


Low End

 Best Value


Common

Market Share (30 Days)

 Compare ¹

 Video Card Mega List

Search Model

 GPU Compute Video Card Chart

Power Performance Video Card Chart

Single Video Card

Intel UHD Graphics

Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6900 XT	26937	1	15.85	\$1,699.99
GeForce RTX 3080 Ti	26732	2	15.10	\$1,769.99
GeForce RTX 3090	25887	3	7.54	\$3,434.99
GeForce RTX 3080	24450	4	15.29	\$1,599.00
RTX A5000	24276	5	NA	NA
RTX A6000	23382	6	4.68	\$4,999.00
Radeon RX 6800 XT	23301	7	16.44	\$1,417.22
GeForce RTX 3070 Ti	22470	8	16.21	\$1,385.99
GeForce RTX 3070	21870	9	17.64	\$1,239.99
GeForce RTX 2080 Ti	21692	10	18.83	\$1,151.91
Radeon RX 6800	20725	11	13.37	\$1,549.99
RTX A5000 Laptop GPU	20141	12	NA	NA
Quadro RTX 6000	19951	13	3.17	\$6,300.00*
TITAN RTX	19875	14	4.19	\$4,747.89
RTX A4000	19722	15	16.62	\$1,186.99
GeForce RTX 3060 Ti	19645	16	19.92	\$985.98
GeForce RTX 2080 SUPER	19497	17	16.99	\$1,147.59
Quadro RTX 8000	19477	18	4.11	\$4,741.49*
Radeon RX 6700 XT	19061	19	21.66	\$879.99
TITAN V	18990	20	7.30	\$2,599.99
TITAN Xp	18874	21	NA	NA
GeForce RTX 2080	18659	22	19.79	\$942.99
TITAN Xp COLLECTORS EDITION	18302	23	NA	NA
NVIDIA TITAN Xp	18280	24	10.21	\$1,790.00
GeForce RTX 2070 SUPER	18149	25	20.54	\$883.51
GeForce GTX 1080 Ti	18045	26	20.72	\$870.85
Radeon PRO W6800	17980	27	8.18	\$2,198.99
Radeon Pro VII	17404	28	NA	NA
TITAN V CEO Edition	16987	29	NA	NA
Radeon VII	16973	30	6.29	\$2,699.99*
Radeon RX 5700 XT	16840	31	14.98	\$1,124.00

https://www.videocardbenchmark.net/gpu_list.php

1/55

<u>Radeon RX 5700 XT 50th Anniversary</u> Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard NA Value (higher is better)	NA Price (USD)
<u>GeForce RTX 2060 SUPER</u>	16448	35	39.16	\$419.99
<u>Quadro P6000</u>	16448	34	5.06	\$3,250.00*
<u>Quadro RTX 5000</u>	16397	36	NA	NA
<u>GeForce RTX 3080 Laptop GPU</u>	16341	37	NA	NA

<u>Tesla V100-SXM2-16GB</u>	16235	38	NA	NA
<u>GeForce RTX 2070</u>	16108	39	20.14	\$799.99
<u>Quadro GP100</u>	15548	40	NA	NA
<u>Quadro RTX 4000</u>	15547	41	17.29	\$899.00*
<u>Radeon RX 6600 XT</u>	15458	42	22.08	\$699.99
<u>RTX A4000 Laptop GPU</u>	15202	43	NA	NA
<u>Radeon Pro W5700</u>	15157	44	13.66	\$1,109.99*
<u>GeForce GTX 1080</u>	15137	45	25.29	\$598.45
<u>GeForce RTX 2080 (Mobile)</u>	15107	46	NA	NA
<u>Quadro RTX 5000 (Mobile)</u>	14832	48	NA	NA
<u>Radeon PRO W6600</u>	14832	47	NA	NA
<u>Radeon Pro Vega II</u>	14737	49	NA	NA
<u>Radeon RX 5700</u>	14721	50	47.49	\$309.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce RTX 2070 Super with Max-Q Design</u>	14673	51	NA	NA
<u>Radeon Pro Vega 64X</u>	14630	-1	NA	NA
<u>Radeon RX Vega 64</u>	14626	52	11.71	\$1,249.10
<u>GeForce RTX 3070 Laptop GPU</u>	14531	53	NA	NA
<u>RTX A3000 Laptop GPU</u>	14346	54	NA	NA
<u>GeForce GTX 1070 Ti</u>	14335	55	25.33	\$565.99
<u>GeForce RTX 2080 Super with Max-Q Design</u>	14130	56	NA	NA
<u>Radeon Pro WX 8200</u>	14039	57	8.79	\$1,597.71
<u>Quadro RTX 5000 with Max-Q Design</u>	13978	58	NA	NA
<u>Radeon Vega Frontier Edition</u>	13928	59	8.29	\$1,680.00
<u>GeForce GTX 980 Ti</u>	13896	60	26.18	\$530.80
<u>GeForce RTX 2060</u>	13884	61	22.80	\$608.99
<u>Radeon RX 5600 XT</u>	13777	62	13.45	\$1,024.10
<u>GeForce RTX 2080 with Max-Q Design</u>	13693	63	6.52	\$2,099.99*
<u>NVIDIA TITAN X</u>	13659	64	22.46	\$608.10*
<u>Radeon RX Vega 56</u>	13613	65	12.86	\$1,059.00
<u>Radeon Pro WX 9100</u>	13437	66	NA	NA
<u>GeForce GTX 1070</u>	13402	67	28.46	\$470.95
<u>Tesla T10</u>	13263	-1	NA	NA
<u>Quadro RTX 4000 with Max-Q Design</u>	13199	68	NA	NA
<u>GeForce GTX TITAN X</u>	13105	69	15.61	\$839.33
<u>Radeon Pro V520 MxGPU</u>	12852	70	NA	NA

<u>Quadro RTX 4000 (Mobile)</u>	Passmark G3D Mark <i>(higher is better)</i>	71 Rank <i>(lower is better)</i>	VideoCard Value <i>(higher is better)</i>	NA Price <i>(USD)</i>
Videocard Name				
<u>Quadro M6000 24GB</u>	12600	74	NA	NA
<u>GeForce RTX 2070 (Mobile)</u>	12354	75	NA	NA
<u>GeForce RTX 3060 Laptop GPU</u>	12273	76	14.73	\$833.29

<u>GeForce RTX 2070 with Max-Q Design</u>	12215	77	NA	NA
<u>Radeon Pro Vega 56</u>	12209	78	NA	NA
<u>Radeon Pro 5700 XT</u>	12075	79	NA	NA
<u>Quadro P4200 with Max-Q Design</u>	11869	80	NA	NA
<u>Radeon Pro 5700</u>	11844	81	NA	NA
<u>Quadro P5000</u>	11836	82	5.98	\$1,980.00
<u>Quadro P5200</u>	11808	83	NA	NA
<u>GeForce GTX 1660 Ti</u>	11795	85	19.66	\$599.99
<u>RTX A2000 Laptop GPU</u>	11795	84	NA	NA
<u>GeForce GTX 1660</u>	11616	86	24.52	\$473.72
<u>Quadro P4000</u>	11479	87	10.25	\$1,120.00
<u>Radeon Pro Vega 64</u>	11455	88	NA	NA
<u>Tesla T4</u>	11397	89	4.87	\$2,338.99
<u>Radeon Pro Vega 48</u>	11383	90	NA	NA
<u>GeForce RTX 2060 (Mobile)</u>	11354	91	NA	NA
<u>Quadro RTX 3000</u>	11285	92	NA	NA
<u>GeForce GTX 980</u>	11269	93	36.82	\$306.10
<u>Quadro M6000</u>	11212	94	7.03	\$1,595.00
<u>GeForce GTX 1080 with Max-Q Design</u>	11205	95	NA	NA
<u>Quadro P5200 with Max-Q Design</u>	10905	96	NA	NA
<u>Radeon RX 5600</u>	10879	97	NA	NA
Videocard Name	Passmark G3D Mark <i>(higher is better)</i>	Rank <i>(lower is better)</i>	VideoCard Value <i>(higher is better)</i>	Price <i>(USD)</i>
<u>Radeon Pro SSG</u>	10497	98	NA	NA
<u>Radeon Pro 5600M</u>	10484	99	NA	NA
<u>Radeon Instinct MI25 MxGPU</u>	10466	100	NA	NA
<u>GeForce GTX 1070 (Mobile)</u>	10465	101	NA	NA
<u>GeForce GTX 1070 with Max-Q Design</u>	10176	102	NA	NA
<u>GeForce GTX 1660 Ti (Mobile)</u>	10176	103	NA	NA
<u>Quadro P4200</u>	10124	104	NA	NA
<u>Radeon R9 Fury X</u>	10044	105	NA	NA
<u>GeForce GTX 1650 SUPER</u>	9952	106	24.72	\$402.58
<u>GeForce GTX 1060</u>	9847	107	25.31	\$389.11
<u>GeForce RTX 2060 with Max-Q Design</u>	9779	108	NA	NA
<u>Radeon R9 Fury + Fury X</u>	9741	109	20.29	\$479.99
<u>GeForce GTX 970</u>	9735	110	32.13	\$303.00
<u>GeForce GTX 1060 3GB</u>	9684	111	26.98	\$359.00
<u>GeForce RTX 3050 Ti Laptop GPU</u>	9674	112	NA	NA

Radeon R9 Fury	Passmark G3D Mark	113 Rank	Videocard Value	\$443.10*
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
Radeon R9 Fury	9523	116	NA	NA
Radeon R9 390X	9523	116	NA	NA
Radeon Ryzen 9 4900HSS	9460	-1	NA	NA
Quadro M5000	9455	117	14.16	\$667.66

GeForce RTX 3050 Laptop GPU	9383	118	NA	NA
Radeon Pro W5500	9272	119	19.40	\$477.99
Quadro P3200 with Max-Q Design	9237	120	NA	NA
GeForce GTX 780 Ti	9179	121	28.24	\$325.00
GeForce GTX TITAN Black	9176	122	17.23	\$532.63
Radeon Pro Duo	9161	123	7.67	\$1,194.95
Radeon RX 5500 XT	9144	124	51.42	\$177.86
GeForce GTX TITAN Z	9133	125	6.59	\$1,385.00
Quadro P4000 with Max-Q Design	9082	126	NA	NA
Radeon R9 390	8969	127	NA	NA
Radeon RX 580	8867	128	17.32	\$512.04
Radeon Ryzen 7 4800HS	8841	129	NA	NA
Radeon RX 5500	8795	130	NA	NA
Radeon R9 290X	8773	131	NA	NA
Radeon RX 480	8649	132	18.44	\$469.00
GeForce GTX 1660 Ti with Max-Q Design	8647	133	NA	NA
Quadro RTX 3000 with Max-Q Design	8639	134	NA	NA
Radeon RX590 GME	8627	135	NA	NA
Radeon Ryzen 9 4900HS	8572	136	NA	NA
GeForce GTX Titan	8548	137	11.55	\$740.00
Radeon R9 290	8428	138	NA	NA
Radeon R9 290X / 390X	8389	139	14.49	\$579.00
Quadro P3200	8358	140	NA	NA
Radeon RX 6800M	8294	141	NA	NA
Radeon Pro 5500 XT	8289	142	NA	NA
15FE	8229	143	NA	NA
Radeon R9 295X2	8167	144	16.37	\$499.10*
GeForce GTX 1060 (Mobile)	8160	145	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 290 / 390	8150	146	17.91	\$454.99
Quadro K6000	8070	147	17.58	\$459.00
GeForce GTX 780	8030	148	27.22	\$295.00
Radeon RX 470/570	8021	149	20.05	\$399.99
Tesla M40	7950	-1	13.36	\$595.00
Radeon Ryzen 5 4600HS	7942	-1	NA	NA
GeForce GTX 1060 with Max-Q Design	7916	150	NA	NA
Quadro M5500	7915	151	NA	NA

<u>Radeon RX 580 2048SP</u>	Passmark G3D Mark	152 Rank	Videocard Value	NA Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>Radeon RX 580 2048SP</u>	7754	152	<u>50.51</u>	<u>\$153.55</u>
<u>GeForce GTX 1650</u>	7755	155	<u>50.51</u>	<u>\$153.55</u>
<u>Radeon Pro 580</u>	7753	156	NA	NA
<u>FirePro W9100</u>	7750	157	<u>3.78</u>	<u>\$2,050.00</u>

<u>Tesla M60</u>	7691	158	<u>5.51</u>	<u>\$1,395.00*</u>
<u>Radeon RX 5600M</u>	7619	159	NA	NA
<u>T1000</u>	7612	160	<u>19.18</u>	<u>\$396.99</u>
<u>GeForce GTX 1060 5GB</u>	7550	161	<u>16.78</u>	<u>\$449.86</u>
<u>Radeon Pro 580X</u>	7540	162	NA	NA
<u>Radeon Pro 5300</u>	7520	163	NA	NA
<u>Tesla M6</u>	7509	164	<u>32.79</u>	<u>\$229.00</u>
<u>GeForce GTX 1650 Ti</u>	7469	165	NA	NA
<u>T600 Laptop GPU</u>	7455	166	NA	NA
<u>Ryzen 7 5800HS with Radeon Graphics</u>	7391	-1	NA	NA
<u>T1200 Laptop GPU</u>	7365	167	NA	NA
<u>Radeon RX 5300</u>	7349	168	NA	NA
<u>RadeonT RX 5300</u>	7321	169	NA	NA
<u>GeForce GTX 980M</u>	7297	170	<u>25.17</u>	<u>\$289.99*</u>
<u>FirePro W8100</u>	7234	171	<u>10.35</u>	<u>\$699.00</u>
<u>Tesla P100-PCI-E-16GB</u>	7225	172	NA	NA
<u>Quadro T2000</u>	7126	173	NA	NA
<u>T600</u>	7061	174	<u>23.78</u>	<u>\$297.00*</u>
<u>Quadro P2000</u>	7023	175	<u>12.78</u>	<u>\$549.69</u>
<u>Ryzen 7 4800HS with Radeon Graphics</u>	6999	-1	NA	NA
<u>Ryzen 9 5900HX with Radeon Graphics</u>	6972	176	NA	NA
<u>GeForce GTX 1650 (Mobile)</u>	6968	177	NA	NA
<u>Quadro T2000 with Max-Q Design</u>	6926	178	NA	NA
<u>Quadro M5000M</u>	6881	179	<u>13.76</u>	<u>\$499.95*</u>
<u>Radeon RX Vega M GH</u>	6759	180	NA	NA
<u>Quadro M4000M</u>	6714	181	<u>15.99</u>	<u>\$420.00*</u>
<u>GeForce GTX 970XM FORCE</u>	6706	182	NA	NA
<u>Radeon R9 285</u>	6680	-1	NA	NA
<u>Radeon Ryzen 7 4800H</u>	6638	183	NA	NA
<u>Radeon Pro 5500M</u>	6633	184	NA	NA
<u>Quadro M4000</u>	6614	185	<u>16.54</u>	<u>\$399.99</u>
<u>Quadro T1000</u>	6491	186	<u>15.10</u>	<u>\$429.99</u>
<u>Quadro T1000 with Max-Q Design</u>	6473	187	NA	NA
<u>Radeon Pro 570</u>	6336	188	NA	NA
<u>GeForce GTX 1050 Ti</u>	6328	189	<u>24.23</u>	<u>\$261.20</u>
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>FirePro S7150</u>	6276	190	<u>5.02</u>	<u>\$1,250.00</u>

Radeon R9 280X	Passmark G3D Mark	191 Rank	Video Card Value	NA Price
Videocard Name	(higher is	(lower is	(higher is	(USD)
Radeon R9 280X	6153	191	36.53	\$165.28
Quadro P3000	6153	194	NA	NA
FirePro W9000	6138	195	7.31	\$840.00
Radeon R9 380X	6092	196	11.74	\$519.00

Radeon Pro WX Vega M GL	6049	197	NA	NA
GeForce GTX 960	6037	198	36.53	\$165.28
GRID P100-16Q	5944	199	NA	NA
Radeon Pro Vega 20	5942	200	NA	NA
Quadro K5200	5920	201	10.21	\$580.00
GeForce GTX 1050 Ti (Mobile)	5918	202	NA	NA
GeForce GTX 970M	5908	203	28.13	\$209.99*
GeForce GTX 770	5872	204	29.56	\$198.66
GeForce GTX 1650 with Max-Q Design	5829	205	NA	NA
Radeon Pro WX 7130	5721	206	NA	NA
Radeon Pro 5300M	5713	207	NA	NA
Quadro M3000M	5635	208	35.23	\$159.95*
GeForce GTX 690	5625	209	19.86	\$283.25
Radeon R9 280	5602	210	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5568	211	NA	NA
Radeon HD 7990	5565	212	13.91	\$399.99*
Radeon Pro WX 5100	5562	213	5.68	\$980.00
Radeon R9 285 / 380	5549	214	11.59	\$479.00
GRID M60-8A	5523	215	NA	NA
GeForce GTX 680	5506	216	9.26	\$595.00
GeForce GTX 760 Ti OEM	5427	217	NA	NA
GeForce GTX 950	5406	218	27.17	\$199.00
GeForce GTX 670	5334	219	14.58	\$366.00
Radeon HD 7970 / R9 280X	5247	220	20.49	\$256.13
FirePro S10000	5235	221	NA	NA
Radeon HD 8990	5214	222	NA	NA
GeForce GTX 1050	5165	223	26.36	\$195.99
Q12U-1	5164	224	NA	NA
Radeon R9 M295X	5150	225	3.55	\$1,449.00*
GeForce GTX 760 Ti	5130	226	17.25	\$297.50*
FirePro S9000	5059	227	NA	NA
Radeon R9 M395	5023	228	NA	NA
P106-100	5022	229	NA	NA
EIZO Quadro MED-XN51LP	4955	230	NA	NA
Quadro P2000 with Max-Q Design	4948	231	NA	NA
Barco MXRT 7600	4943	232	8.27	\$597.99
Radeon R9 270X	4898	233	14.84	\$330.00
FirePro W7100	4883	234	6.61	\$739.00

<u>Videocard Name</u>	<u>Passmark G3D Mark</u> <small>(higher is better)</small>	<u>Rank</u> <small>(lower is better)</small>	<u>Videocard Value</u> <small>(higher is better)</small>	<u>Price (USD)</u>
<u>Radeon R9 M485X</u>	4775	237	NA	NA
<u>GeForce GTX 760</u>	4773	238	<u>25.94</u>	<u>\$184.00</u>
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

<u>Radeon HD 7950 / R9 280</u>	4764	239	<u>19.06</u>	<u>\$249.99</u>
<u>Radeon Sky 500</u>	4736	240	NA	NA
<u>GRID P40-24Q</u>	4727	241	NA	NA
<u>Radeon R9 370</u>	4722	242	<u>10.71</u>	<u>\$440.79</u>
<u>Radeon Pro Vega 16</u>	4682	243	NA	NA
<u>Radeon HD 7870</u>	4671	244	<u>23.36</u>	<u>\$199.99</u>
<u>B8DKMDAP</u>	4557	245	NA	NA
<u>Radeon Pro 465</u>	4537	246	NA	NA
<u>GeForce GTX 580</u>	4478	247	<u>15.99</u>	<u>\$279.99</u>
<u>Radeon HD 7870 XT</u>	4469	248	NA	NA
<u>Quadro P1000</u>	4468	249	<u>12.84</u>	<u>\$348.14</u>
<u>GeForce GTX 1050 (Mobile)</u>	4461	250	NA	NA
<u>Radeon R7 370</u>	4459	251	NA	NA
<u>GRID M60-1B</u>	4456	252	NA	NA
<u>P104-100</u>	4449	-1	<u>14.83</u>	<u>\$299.99*</u>
<u>Citrix Indirect Display Adapter</u>	4446	253	NA	NA
<u>GRID P6-4Q</u>	4429	254	NA	NA
<u>Quadro M2200</u>	4414	255	<u>17.66</u>	<u>\$249.99*</u>
<u>GeForce GTX 660 Ti</u>	4375	256	<u>19.03</u>	<u>\$229.99</u>
<u>Radeon R9 M390X</u>	4356	257	NA	NA
<u>FirePro W7000 Adapter</u>	4339	258	NA	NA
<u>Quadro K4200</u>	4328	259	<u>18.03</u>	<u>\$240.00</u>
<u>Barco MXRT 7500</u>	4319	260	<u>14.45</u>	<u>\$299.00</u>
<u>GRID M60-2Q</u>	4315	261	NA	NA
<u>Radeon R9 270</u>	4306	262	NA	NA
<u>FirePro W7000</u>	4287	264	<u>12.65</u>	<u>\$339.00</u>
<u>GRID P40-2Q</u>	4287	263	NA	NA
<u>GRID RTX6000P-4Q</u>	4283	-1	NA	NA
<u>GRID T4-8Q</u>	4283	-1	NA	NA
<u>GeForce GTX 680MX</u>	4270	265	NA	NA
<u>Radeon R9 270 / R7 370</u>	4259	266	<u>10.02</u>	<u>\$425.00</u>
<u>GRID M60-1Q</u>	4250	267	NA	NA
<u>GeForce GTX 775M</u>	4222	268	NA	NA
<u>FirePro S7000</u>	4166	269	<u>16.90</u>	<u>\$246.54*</u>
<u>GRID V100D-8Q</u>	4155	270	NA	NA
<u>Radeon RX 560X</u>	4123	271	NA	NA
<u>Radeon RX 460</u>	4095	272	<u>6.92</u>	<u>\$592.00</u>
<u>GeForce GTX 480</u>	4068	273	<u>27.12</u>	<u>\$149.99</u>

<u>GeForce GTX 1080</u>	Passmark G3D Mark 4056 (higher is better)	Rank 275 (lower is better)	<u>Videocard Value NA</u> (higher is better)	<u>Price \$1199.99</u> (USD)
<u>GeForce GTX 1080M</u>				
<u>GRID GTX P40-6</u>	4043	-1	NA	NA
<u>Radeon HD 7800-serie</u>	4029	276	NA	NA
<u>GeForce GTX 965M</u>	4016	277	NA	NA
<u>GRID P6-2Q</u>	4000	278	NA	NA

<u>GeForce GTX 660</u>	3981	279	<u>23.42</u>	<u>\$169.99</u>
<u>Quadro M2000</u>	3962	280	<u>13.71</u>	<u>\$289.00</u>
<u>GRID RTX8000-4Q</u>	3960	-1	NA	NA
<u>GeForce GTX 750 Ti</u>	3931	281	<u>33.19</u>	<u>\$118.43</u>
<u>Radeon RX 5500M</u>	3926	282	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Quadro K5000</u>	3921	283	<u>11.14</u>	<u>\$352.00</u>
<u>FirePro S9050</u>	3911	-1	NA	NA
<u>GRID M60-8Q</u>	3883	284	NA	NA
<u>Quadro K2200M</u>	3882	285	<u>31.08</u>	<u>\$124.95*</u>
<u>Radeon HD 8970M</u>	3876	286	<u>27.69</u>	<u>\$139.99*</u>
<u>FirePro W7170M</u>	3849	287	NA	NA
<u>GeForce GTX 570</u>	3848	288	<u>16.45</u>	<u>\$234.00</u>
<u>GRID RTX8000P-2Q</u>	3843	-1	NA	NA
<u>GRID P100-8Q</u>	3841	289	NA	NA
<u>GRID M60-4Q</u>	3831	290	NA	NA
<u>Radeon Pro WX 4100</u>	3798	291	<u>9.26</u>	<u>\$409.99</u>
<u>Radeon HD 7850</u>	3769	292	<u>23.56</u>	<u>\$159.99*</u>
<u>GeForce MX450</u>	3736	294	NA	NA
<u>T500</u>	3736	293	NA	NA
<u>Radeon Pro 560X</u>	3677	295	NA	NA
<u>Quadro P620</u>	3673	296	<u>16.12</u>	<u>\$227.87</u>
<u>GeForce GTX 780M</u>	3666	297	<u>7.35</u>	<u>\$499.00*</u>
<u>Radeon RX 560</u>	3620	298	<u>21.78</u>	<u>\$166.22</u>
<u>Radeon HD 7970M</u>	3619	299	NA	NA
<u>Quadro M2000M</u>	3585	300	<u>12.81</u>	<u>\$279.95*</u>
<u>GeForce GTX 680M KY_Bullet Edition</u>	3568	301	NA	NA
<u>GRID M6-8Q</u>	3568	302	NA	NA
<u>Quadro K2200</u>	3539	303	<u>12.43</u>	<u>\$284.82</u>
<u>Tesla C2050</u>	3515	304	<u>13.02</u>	<u>\$269.99*</u>
<u>Quadro 7000</u>	3505	305	NA	NA
<u>T400</u>	3499	306	NA	NA
<u>Tesla M10</u>	3490	307	<u>1.30</u>	<u>\$2,690.00</u>
<u>Radeon Pro 560</u>	3475	308	NA	NA
<u>GeForce GTX 960M</u>	3462	309	<u>2.96</u>	<u>\$1,169.00*</u>
<u>FirePro W8000</u>	3453	310	<u>6.08</u>	<u>\$568.00</u>
<u>Radeon Pro 460</u>	3452	311	NA	NA

<u>Tesla C2050 / C2070</u>	Passmark G3D Mark (higher is better)	312 Rank (lower is better)	Videocard Value (higher is better)	NA Price (USD)
Videocard Name				
<u>GeForce GTX 750</u>	3405	315	NA	NA
<u>GRID T4-4Q</u>	3400	316	NA	NA
<u>GeForce GTX 750</u>	3399	317	34.00	\$99.99

<u>GeForce GTX 650 Ti BOOST</u>	3371	318	NA	NA
<u>Radeon RX Vega M GL</u>	3371	319	NA	NA
<u>Radeon E8870PCle</u>	3368	321	NA	NA
<u>Radeon HD8970M</u>	3368	320	NA	NA
<u>GeForce GTX 590</u>	3365	322	11.41	\$295.00*
<u>Radeon RX 5300M</u>	3357	323	NA	NA
<u>GRID P40-2B</u>	3354	324	NA	NA
<u>GRID M10-1Q</u>	3351	325	NA	NA
<u>Quadro P600</u>	3349	326	10.18	\$329.00
<u>Radeon Ryzen 5 4600H</u>	3327	327	NA	NA
<u>Radeon R9 M290X</u>	3320	328	NA	NA
<u>Quadro K5100M</u>	3317	329	2.99	\$1,108.84*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 770M</u>	3245	330	18.34	\$176.99*
<u>GRID M10-4Q</u>	3223	331	NA	NA
<u>GeForce GTX 470</u>	3213	332	53.57	\$59.99*
<u>GRID K520</u>	3177	333	4.24	\$749.95*
<u>RadeonT RX 5500M</u>	3165	334	NA	NA
<u>FirePro V7000</u>	3161	335	NA	NA
<u>Radeon Pro 555</u>	3140	336	2.99	\$1,049.00*
<u>Radeon R7 260X</u>	3134	337	22.39	\$139.99*
<u>Tesla C2075</u>	3118	338	4.83	\$646.00
<u>Radeon Pro 455</u>	3112	339	6.93	\$449.00*
<u>Tesla C2070</u>	3101	340	5.18	\$599.00
<u>Intel G35 Express</u>	3090	341	NA	NA
<u>Radeon HD 7790</u>	3090	342	22.07	\$139.99*
<u>Radeon R7 360</u>	3077	343	24.62	\$125.00*
<u>GeForce GTX 560 Ti</u>	3069	344	23.61	\$129.99
<u>GeForce GTX 860M</u>	3059	345	26.83	\$114.00*
<u>GeForce GTX 680M</u>	3044	346	22.39	\$135.99*
<u>Radeon R9 360</u>	3031	347	22.64	\$133.89
<u>Radeon R9 260</u>	3018	348	NA	NA
<u>Quadro M1000M</u>	3011	349	35.02	\$85.99*
<u>FirePro W5000</u>	2970	350	29.71	\$99.99
<u>Radeon R9 M380</u>	2947	351	NA	NA
<u>GRID K260Q</u>	2940	352	NA	NA
<u>Radeon HD 6990</u>	2932	353	5.88	\$498.49*

<u>Ryzen 5 5600G with Radeon Graphics</u>	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	NA Price (USD)
Videocard Name				
<u>Radeon R7 260</u>	2891	356	32.13	\$89.99*
<u>Ryzen 7 PRO 4700G with Radeon Graphics</u>	2879	-1	NA	NA
<u>Quadro K1200</u>	2877	357	10.72	\$268.55

<u>Intel Iris Xe</u>	2873	358	NA	NA
<u>Radeon HD 6970</u>	2863	359	17.90	\$159.99
<u>Radeon Pro V340 MxGPU</u>	2853	360	NA	NA
<u>FirePro W5100</u>	2835	361	9.95	\$285.00
<u>Radeon Pro W5500M</u>	2821	362	NA	NA
<u>FirePro 3D V9800</u>	2811	363	1.13	\$2,499.00*
<u>GeForce GTX 770M</u>	2800	365	20.29	\$138.00*
<u>Quadro M620</u>	2800	364	NA	NA
<u>GRID K2</u>	2774	366	0.65	\$4,237.75*
<u>Radeon RX 550</u>	2754	367	17.59	\$156.60
<u>FirePro W4300</u>	2734	368	11.39	\$239.99*
<u>GeForce GTX 560</u>	2729	369	13.12	\$208.00
<u>FirePro V9800</u>	2726	370	9.77	\$279.00
<u>Radeon Pro 450</u>	2722	371	NA	NA
<u>Ryzen 9 4900H with Radeon Graphics</u>	2713	-1	NA	NA
<u>Quadro K5000M</u>	2706	372	8.20	\$330.00*
<u>GRID T4-1Q</u>	2702	373	NA	NA
<u>Barco MXRT 5500</u>	2701	374	9.04	\$299.00*
<u>Quadro K4000</u>	2697	375	10.18	\$265.00
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 6950</u>	2685	376	17.91	\$149.99
<u>GeForce GTX 465</u>	2679	377	13.74	\$195.00
<u>Ryzen 7 Pro 4750G with Radeon Graphics</u>	2678	378	NA	NA
<u>Radeon Ryzen 7 4700GE</u>	2661	-1	NA	NA
<u>FirePro M6100 FireGL V</u>	2656	380	NA	NA
<u>Quadro 6000</u>	2656	379	5.92	\$449.00
<u>GRID M10-2Q</u>	2653	381	NA	NA
<u>FirePro R5000</u>	2646	382	24.06	\$109.99*
<u>MONSTER GeForce GTX 675M</u>	2637	383	NA	NA
<u>GeForce GTX 950M</u>	2627	384	4.63	\$567.00*
<u>Radeon Ryzen 7 PRO 4750G</u>	2624	385	NA	NA
<u>Radeon Pro WX 3100</u>	2617	386	NA	NA
<u>GRID M10-8Q</u>	2606	387	NA	NA
<u>GeForce GTX 850M</u>	2602	388	NA	NA
<u>GeForce MX330</u>	2602	389	NA	NA
<u>GeForce GT 1030</u>	2600	391	25.69	\$101.21
<u>Ryzen 7 5800U with Radeon Graphics</u>	2600	390	NA	NA

<u>Ryzen 7 5800H with Radeon Graphics</u>	Passmark G3D Mark	Rank	Videocard Value	NA Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>Ryzen 7 5800H with Radeon Graphics</u>	2554	393	NA	NA
<u>GRID K240Q</u>	2578	394	NA	NA
<u>GeForce MX250</u>	2551	395	NA	NA

<u>Ryzen 7 PRO 4750GE with Radeon Graphics</u>	2549	396	NA	NA
<u>GeForce GTX 650 Ti</u>	2547	397	15.92	\$159.99
<u>GeForce GTX 950A</u>	2539	398	NA	NA
<u>Radeon HD 6850 X2</u>	2534	399	NA	NA
<u>Radeon Pro WX 3200</u>	2533	400	7.94	\$319.11
<u>Ryzen 9 5980HS with Radeon Graphics</u>	2533	-1	NA	NA
<u>FireStream 9370</u>	2528	401	NA	NA
<u>N18E-Q1</u>	2525	402	NA	NA
<u>Ryzen 7 4700GE with Radeon Graphics</u>	2496	403	NA	NA
<u>Radeon Ryzen 5 PRO 4650G</u>	2439	404	NA	NA
<u>FirePro 3D V8800</u>	2437	405	5.74	\$424.99*
<u>Ryzen 9 5900HS with Radeon Graphics</u>	2412	406	NA	NA
<u>GeForce GTX 960A</u>	2410	407	NA	NA
<u>P106-090</u>	2402	408	NA	NA
<u>Ryzen 3 4300GE with Radeon Graphics</u>	2402	-1	NA	NA
<u>Radeon RX Vega 11 PRD</u>	2401	409	NA	NA
<u>Radeon Ryzen 5 4600G</u>	2395	410	NA	NA
<u>Ryzen 5 Pro 4650G with Radeon Graphics</u>	2395	411	NA	NA
<u>GeForce GTX 580M</u>	2373	412	9.54	\$248.68*
<u>GRID K280Q</u>	2362	413	NA	NA
<u>GeForce GTX 485M</u>	2359	414	NA	NA
<u>Radeon Ryzen 7 Microsoft Surface Edition</u>	2349	415	NA	NA
<u>GeForce MX150</u>	2344	416	36.65	\$63.98
<u>Ryzen 7 4800U with Radeon Graphics</u>	2344	417	NA	NA
<u>Ryzen 7 Extreme Edition</u>	2339	418	NA	NA
<u>GRID M10-2B</u>	2333	419	NA	NA
<u>Radeon Ryzen 3 4300GE</u>	2322	420	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>GRID M10-1B</u>	2309	421	NA	NA
<u>Radeon Ryzen 7 4700G</u>	2306	422	NA	NA
<u>Ryzen 5 PRO 4400G with Radeon Graphics</u>	2305	423	NA	NA
<u>FirePro V7900</u>	2296	424	18.38	\$125.00
<u>GeForce GTX 675MX</u>	2295	425	NA	NA
<u>Quadro K3100M</u>	2287	426	5.72	\$399.95*
<u>GeForce GTX 460</u>	2276	427	22.77	\$99.99
<u>Radeon Ryzen 7 4800U</u>	2271	428	NA	NA

<u>Radeon HD 6970M</u>	<u>Passmark G3D</u>	<u>429</u>	<u>Video</u>	<u>\$215.99*</u>
Videocard Name	Mark	Rank	Value	Price
	(higher is	(lower is	(higher is	(USD) - ...
<u>FirePro V8800</u>	2267	-1	<u>11.39</u>	<u>\$199.00</u>
<u>Radeon HD 8950</u>	2267	432	NA	NA
<u>Radeon HD 5870</u>	2257	433	<u>20.52</u>	<u>\$109.99</u>

<u>Radeon RX 550X</u>	2242	434	NA	NA
<u>Ryzen 5 PRO 5650U with Radeon Graphics</u>	2231	435	NA	NA
<u>GRID P100-1B</u>	2223	436	NA	NA
<u>Radeon HD 5970</u>	2219	437	<u>11.10</u>	<u>\$199.99</u>
<u>Ryzen 3 PRO 4350GE with Radeon Graphics</u>	2210	438	NA	NA
<u>Radeon HD 6870</u>	2209	439	<u>7.39</u>	<u>\$299.00</u>
<u>Radeon Ryzen 3 PRO 4350G</u>	2203	440	NA	NA
<u>Ryzen 3 Pro 4350G with Radeon Graphics</u>	2190	441	NA	NA
<u>Radeon Ryzen Embedded V2718</u>	2189	442	NA	NA
<u>Ryzen 7 4700G with Radeon Graphics</u>	2186	443	NA	NA
<u>Radeon HD 7770</u>	2184	445	<u>19.86</u>	<u>\$109.99</u>
<u>RadeonT R7 450</u>	2184	444	NA	NA
<u>GeForce GTX 745</u>	2183	446	<u>7.80</u>	<u>\$280.00</u>
<u>Intel Iris Pro P580</u>	2168	447	NA	NA
<u>Quadro P520</u>	2143	448	<u>1.43</u>	<u>\$1,499.00*</u>
<u>Quadro M600M</u>	2142	449	<u>53.57</u>	<u>\$39.99*</u>
<u>Radeon RX Vega 11</u>	2137	450	<u>2.13</u>	<u>\$1,002.00*</u>
<u>Ryzen 7 4800H with Radeon Graphics</u>	2113	451	NA	NA
<u>Radeon TM R9 A360</u>	2105	452	NA	NA
<u>FirePro M5100</u>	2102	453	NA	NA
<u>FirePro M6100</u>	2093	454	NA	NA
<u>GeForce GTX 460 v2</u>	2091	455	<u>10.46</u>	<u>\$199.99*</u>
<u>GeForce GTX 560 SE</u>	2088	456	<u>23.21</u>	<u>\$89.99*</u>
<u>GRID M6-1Q</u>	2069	457	NA	NA
<u>Ryzen 7 5700G with Radeon Graphics</u>	2064	458	NA	NA
<u>Ryzen 5 4600G with Radeon Graphics</u>	2061	459	NA	NA
<u>Quadro 5000M</u>	2059	460	NA	NA
<u>Radeon Ryzen 7 4700U</u>	2053	461	NA	NA
<u>GeForce GTX 480M</u>	2050	462	NA	NA
<u>Intel Iris Pro 580</u>	2036	463	NA	NA
<u>Ryzen 5 PRO 4650GE with Radeon Graphics</u>	2034	464	NA	NA
<u>Quadro M520</u>	2033	465	NA	NA
<u>Ryzen 7 4700U with Radeon Graphics</u>	2032	466	NA	NA
<u>FirePro V7800</u>	2030	467	<u>10.97</u>	<u>\$185.00</u>
<u>Ryzen 7 PRO 4750U with Radeon Graphics</u>	2028	468	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price

videocard name	year	Passmark G3D (higher is better)	(lower is better) Rank	(higher is better) Value	(USD) Price
Videocard Name		Mark	Rank	Value	Price
Radeon R7 + R7 350 Dual		470			NA
<u>Radeon Ryzen 7 PRO 4750GE</u>	2020		471	NA	NA
<u>Radeon Ryzen 7 PRO 4750U</u>	2019		472	NA	NA
<u>Quadro K4000M</u>	2011		473	8.08	\$249.00
<u>Quadro 5000</u>	2009		474	9.18	\$219.00
<u>Ryzen 5 PRO 4500U with Radeon Graphics</u>	2007		475	NA	NA
<u>GeForce GT 645</u>	2005		476	NA	NA
<u>Radeon HD 6850</u>	1986		477	16.85	\$117.90
<u>Quadro 5010M</u>	1982		478	8.40	\$235.95*
<u>Radeon R7 + R7 350 Dual</u>	1982		479	NA	NA
<u>Radeon HD 5850</u>	1975		480	17.96	\$109.99*
<u>Radeon R7 450</u>	1968		481	24.61	\$79.99*
<u>GeForce 945M</u>	1965		482	NA	NA
<u>Radeon R9 350</u>	1963		483	6.57	\$299.00*
<u>Radeon R7 + HD 7700 Dual</u>	1962		484	NA	NA
<u>Radeon HD 7660D + HD 7700 Dual</u>	1958		485	NA	NA
<u>GeForce GTX 470M</u>	1953		486	NA	NA
<u>GeForce GTX 460 SE</u>	1952		487	12.20	\$159.99*
<u>Ryzen 5 4600U with Radeon Graphics</u>	1951		488	NA	NA
<u>GeForce GTX 765M</u>	1948		489	10.46	\$186.30*
<u>GeForce GTX 670MX</u>	1937		490	NA	NA
<u>Ryzen 5 4600H with Radeon Graphics</u>	1936		491	NA	NA
<u>Radeon R9 M385X</u>	1929		492	NA	NA
<u>Radeon RX 570X</u>	1923		493	4.42	\$435.00
<u>GeForce GTX 570M</u>	1920		494	NA	NA
<u>Radeon HD 7560D + 7700 Dual</u>	1919		495	NA	NA
<u>GeForce MX130</u>	1917		496	NA	NA
<u>GeForce MX230</u>	1906		497	NA	NA
<u>Intel UHD P750</u>	1906		498	NA	NA
<u>GeForce GTX 675M</u>	1903		500	NA	NA
<u>Matrox C680 PCIe x16</u>	1903		499	NA	NA
<u>Ryzen 3 4300G with Radeon Graphics</u>	1902		501	NA	NA
<u>Radeon HD 7700-serie</u>	1899		502	NA	NA
<u>GeForce GTX 645</u>	1895		503	NA	NA
<u>Radeon HD 8670D + HD 7700 Dual</u>	1892		504	NA	NA
<u>FirePro 3D V7800</u>	1867		505	3.11	\$599.99*
<u>Intel Iris Plus</u>	1864		506	NA	NA
<u>GeForce 945A</u>	1852		507	NA	NA
<u>GRID T4-2Q</u>	1850		-1	NA	NA
<u>Radeon Vega 11</u>	1844		508	NA	NA
<u>Radeon RX 540</u>	1843		509	NA	NA

<u>Radeon RX Vega 11 Processor</u>	Passmark G3D Mark 1842 (higher is better)	510 Rank (lower is better)	Videocard NA Value (higher is better)	NA Price (USD)
Videocard Name				
<u>AMD Radeon R9 M375X</u>	1835	512	NA	NA
<u>Radeon R9 M375X</u>	1835	513	NA	NA
<u>Radeon HD 8570D + HD 7700 Dual</u>	1834	514	NA	NA
<u>MxGPU</u>	1826	516	NA	NA

<u>Radeon R9 M385</u>	1826	515	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon Ryzen 5 4600U</u>	1824	517	NA	NA
<u>FirePro M6000</u>	1820	518	9.43	\$192.99*
<u>Ryzen 5 4500U with Radeon Graphics</u>	1819	519	NA	NA
<u>Matrox C900 PCIe x16</u>	1812	520	NA	NA
<u>RadeonT RX 560X</u>	1809	521	NA	NA
<u>GeForce GTX 555</u>	1807	522	NA	NA
<u>GeForce GTX 670M</u>	1803	523	NA	NA
<u>Radeon Ryzen 5 4500U</u>	1802	525	NA	NA
<u>RadeonT 540X</u>	1802	524	NA	NA
<u>Radeon Pro</u>	1801	527	2.25	\$799.00
<u>Radeon R9 M275X</u>	1801	526	NA	NA
<u>Radeon HD 8870M / R9 M270X / M370X</u>	1799	528	NA	NA
<u>Ryzen 3 PRO 4200G with Radeon Graphics</u>	1798	-1	NA	NA
<u>Radeon R9 M360</u>	1796	529	NA	NA
<u>Intel Iris 650</u>	1794	530	NA	NA
<u>Radeon Ryzen 3 PRO 4350GE</u>	1792	531	NA	NA
<u>Radeon HD 8670D + 7700 Dual</u>	1788	532	NA	NA
<u>Radeon Pro WX 4150</u>	1785	533	NA	NA
<u>Ryzen 3 PRO 4200GE with Radeon Graphics</u>	1783	534	NA	NA
<u>Intel Iris Plus 655</u>	1781	535	NA	NA
<u>Radeon Ryzen 5 PRO 4650U</u>	1770	536	NA	NA
<u>GeForce GTX 650</u>	1760	537	25.17	\$69.96
<u>Radeon HD 5830</u>	1758	538	19.55	\$89.99*
<u>FirePro W600</u>	1751	539	4.93	\$355.00
<u>Intel Iris Plus 645</u>	1750	540	NA	NA
<u>Radeon Pro WX 2100</u>	1743	541	NA	NA
<u>Radeon Ryzen 5 PRO 4650GE</u>	1738	542	NA	NA
<u>Radeon HD 6900M</u>	1731	543	NA	NA
<u>Radeon RX Vega 10</u>	1731	544	NA	NA
<u>Ryzen 3 5400U with Radeon Graphics</u>	1719	545	NA	NA
<u>Intel UHD</u>	1712	546	NA	NA
<u>GeForce GTX 760M</u>	1710	547	NA	NA
<u>Intel UHD 750</u>	1706	548	NA	NA
<u>Radeon Vega 8</u>	1698	549	13.39	\$126.86*

<u>Radeon Pro WX 4130</u>	Passmark G3D Mark <i>(higher is better)</i>	550 Rank <i>(lower is better)</i>	Videocard Value <i>(higher is better)</i>	NA Price <i>(USD)</i>
Videocard Name				
Graphics				
<u>Radeon HD 7750</u>	1678	553	13.99	\$119.99
<u>Firepro W5170M</u>	1673	554	NA	NA
<u>Radeon R7 M380</u>	1668	555	NA	NA

<u>Radeon Vega 9</u>	1662	556	NA	NA
<u>Intel Iris Pro P6300</u>	1653	557	NA	NA
<u>Radeon HD HD7850M</u>	1651	558	NA	NA
<u>Quadro K3000M</u>	1647	559	4.04	\$407.56*
<u>Ryzen 5 5600U with Radeon Graphics</u>	1641	560	NA	NA
<u>Radeon HD 8870M</u>	1638	561	NA	NA
<u>Quadro P400</u>	1637	562	7.65	\$214.17
<u>Quadro K2000D</u>	1627	563	4.03	\$404.00
<u>FirePro M6000 Mobility Pro</u>	1622	564	NA	NA
Videocard Name	Passmark G3D Mark <i>(higher is better)</i>	Rank <i>(lower is better)</i>	Videocard Value <i>(higher is better)</i>	Price <i>(USD)</i>
<u>FirePro M4000 Mobility Pro</u>	1619	565	NA	NA
<u>Ryzen 7 2700U with Radeon Vega</u>	1617	566	NA	NA
<u>Intel Iris Plus 650</u>	1605	567	NA	NA
<u>Seria Radeon HD 7700</u>	1603	568	NA	NA
<u>Radeon R7 M465X</u>	1597	569	NA	NA
<u>Quadro P500</u>	1596	570	NA	NA
<u>FirePro M4000</u>	1592	571	21.86	\$72.83*
<u>Radeon Ryzen 3 4300U</u>	1591	572	NA	NA
<u>Radeon RX Vega 8</u>	1586	573	NA	NA
<u>Radeon HD 6790</u>	1580	574	5.47	\$289.00
<u>Intel UHD 730</u>	1577	575	NA	NA
<u>Radeon E8860</u>	1577	576	NA	NA
<u>Radeon R9 M275X / M375</u>	1574	577	NA	NA
<u>GeForce GT 755M</u>	1571	578	NA	NA
<u>Quadro K2000</u>	1569	579	7.30	\$215.06*
<u>GeForce GTX 550 Ti</u>	1566	580	6.84	\$229.00
<u>GeForce GTX 285</u>	1561	581	6.51	\$239.99
<u>Radeon HD 7560D + HD 6670 Dual</u>	1554	582	NA	NA
<u>Radeon Vega 10</u>	1548	583	NA	NA
<u>Embedded Radeon E9173</u>	1545	584	NA	NA
<u>Radeon HD 8470D + HD 7500 Dual</u>	1545	585	NA	NA
<u>FirePro W4100</u>	1544	586	6.13	\$252.00
<u>Ryzen 3 PRO 4300U with Radeon Graphics</u>	1542	587	NA	NA
<u>FirePro V8700</u>	1538	588	9.75	\$157.88*
<u>Ryzen 3 PRO 4450U with Radeon Graphics</u>	1538	589	NA	NA
<u>Radeon HD 4890</u>	1530	590	17.01	\$89.99*

<u>GeForce 940MX</u>	<u>Passmark G3D</u>	<u>591</u>	<u>Midleocard</u>	<u>NA</u>
Videocard Name	Mark	Rank	Value	Price
	(higher is	(lower is	(higher is	(USD) -
<u>Radeon HD 7870M</u>	1507	594	NA	NA
<u>Ryzen 5 2500U with Radeon Vega</u>	1503	595	NA	NA
<u>Radeon HD 6670 + 7660D Dual</u>	1492	596	NA	NA

<u>Quadro 4000</u>	1484	598	7.10	\$209.00
<u>Radeon HD 7660D + HD 6670 Dual</u>	1484	597	NA	NA
<u>GeForce MX110</u>	1482	599	NA	NA
<u>Radeon R9 M365X</u>	1481	600	NA	NA
<u>Radeon Vega 10 Mobile</u>	1470	601	NA	NA
<u>Intel Iris Pro Graphics 6200</u>	1451	603	NA	NA
<u>Radeon Vega 8 Mobile</u>	1451	602	NA	NA
<u>Radeon R7 A10-7870K</u>	1443	604	NA	NA
<u>Ryzen 5 PRO 4400GE with Radeon Graphics</u>	1441	605	NA	NA
<u>Radeon HD 8470D + HD 6670 Dual</u>	1435	606	NA	NA
<u>Radeon Ryzen 3 4300G</u>	1435	607	NA	NA
<u>GeForce 845M</u>	1429	608	NA	NA
<u>FirePro W5130M</u>	1427	609	NA	NA
<u>Radeon HD 7560D + 7670 Dual</u>	1426	610	NA	NA
<u>Radeon R7 M370</u>	1417	611	NA	NA
<u>GeForce GTX 660M</u>	1414	612	17.91	\$78.99*
<u>Radeon RX 640</u>	1414	613	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon 550X</u>	1412	614	NA	NA
<u>Radeon Pro WX 4170</u>	1409	615	NA	NA
<u>GeForce GTX 275</u>	1408	617	3.26	\$431.72*
<u>Radeon Ryzen 3 PRO 4450U</u>	1408	616	NA	NA
<u>Radeon 540X</u>	1397	618	NA	NA
<u>Radeon HD 7560D + HD 7670 Dual</u>	1380	619	NA	NA
<u>Quadro K2100M</u>	1376	620	3.31	\$415.99*
<u>Radeon R7 PRO A12-8870</u>	1375	621	NA	NA
<u>Radeon HD 7850M</u>	1372	622	NA	NA
<u>Radeon R9 M370X</u>	1372	623	1.54	\$889.00*
<u>Intel UHD 630</u>	1370	624	NA	NA
<u>FirePro M40003</u>	1364	625	NA	NA
<u>RadeonT RX 640</u>	1363	-1	NA	NA
<u>Radeon HD 8670D + 6670 Dual</u>	1361	626	NA	NA
<u>Radeon HD 4870</u>	1360	627	15.12	\$89.99
<u>Ryzen 3 4300U with Radeon Graphics</u>	1354	628	NA	NA
<u>GeForce GT 750M</u>	1349	630	NA	NA
<u>Radeon HD 5770</u>	1349	629	12.27	\$109.99
<u>Radeon HD 7560D + HD 7700 Dual</u>	1346	631	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank 632 (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTS 450	1332	634	6.70	\$199.00
GeForce 930MX	1323	635	NA	NA
Intel Iris Plus 640	1318	636	NA	NA
Radeon HD 8670D + HD 7600 Dual	1317	637	NA	NA

FirePro M5950	1314	638	NA	NA
Intel HD P530	1310	639	NA	NA
Radeon HD 4870 X2	1309	641	NA	NA
Radeon R7 PRO A8-8670E	1309	640	NA	NA
Radeon R7 M465	1306	642	NA	NA
Radeon HD 8790M	1305	644	NA	NA
Tesla M2070-Q	1305	643	NA	NA
Quadro 4000M	1299	646	6.22	\$209.03
TENSOR 1.0 Driver Intel HD 630	1299	645	NA	NA
Radeon Ryzen Embedded V2748	1296	-1	NA	NA
Radeon Vega 6	1282	647	0.71	\$1,799.99*
Radeon 630	1281	648	NA	NA
Radeon R7 A370	1281	649	NA	NA
FirePro V5900	1278	650	12.92	\$99.00
Radeon 540	1275	651	NA	NA
FirePro 3D V8750	1271	652	1.03	\$1,230.99*
FirePro V5800	1266	653	18.36	\$69.00
Radeon HD 8570D + HD 6670 Dual	1260	654	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	655	NA	NA
GeForce GPU	1253	657	NA	NA
Quadro FX 5800	1253	656	4.66	\$269.00
Radeon R9 255	1251	658	3.64	\$344.16*
Intel HD P630	1249	659	NA	NA
Intel Iris 540	1245	660	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 2000 D	1239	661	NA	NA
Radeon HD 8570D + 6570 Dual	1239	662	NA	NA
Radeon HD 7660D + 6670 Dual	1238	663	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	665	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	1237	664	NA	NA
Radeon R7 + R5 340 Dual	1234	666	NA	NA
Radeon R7 + R7 250 Dual	1232	667	NA	NA
FirePro 3D V5800	1231	668	6.19	\$199.00
Radeon HD 6770	1229	669	5.47	\$225.00
GeForce 930A	1227	671	NA	NA
GeForce GTX 560M	1227	670	NA	NA
Radeon HD 8670D + HD 6670 Dual	1221	672	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro 3D V8700	1206	675	7.47	\$161.48
Radeon R7 250	1206	676	10.05	\$119.99
N16P-GX	1204	677	NA	NA
Radeon HD 7660D + 7540D Dual	1204	678	NA	NA

Radeon R9 M270X	1204	679	NA	NA
Radeon 625	1201	680	NA	NA
GeForce GTX 260	1199	681	17.14	\$69.99
GeForce GTX 460M	1196	682	NA	NA
GeForce GT 640	1194	683	10.86	\$109.99
Radeon HD 7750M	1191	684	NA	NA
Radeon R7 +8G	1190	685	NA	NA
GeForce 840A	1179	687	NA	NA
GeForce GT 650M	1179	686	NA	NA
Radeon R7 430	1167	688	5.84	\$199.99*
FireStream 9250	1164	689	NA	NA
Barco MXRT 5400	1161	690	5.86	\$198.00
Intel Coffee Lake UHD	1158	691	NA	NA
Quadro K620M	1158	692	NA	NA
Radeon HD 5750	1157	693	15.44	\$74.99
GeForce GTX 295	1147	695	7.17	\$159.99*
Intel HD 630	1147	694	NA	NA
GeForce 940A	1144	696	NA	NA
GeForce GT 745A	1144	697	NA	NA
GeForce GTX 280	1139	699	9.50	\$119.99
Radeon HD 8850M / R9 M265X	1139	698	NA	NA
Radeon HD 4850 X2	1132	700	NA	NA
Radeon HD 7560D + 6670 Dual	1130	701	NA	NA
Radeon R7 + R7 200 Dual	1128	702	NA	NA
Radeon R7 PRO A12-8870E	1127	703	NA	NA
Radeon HD 8650G + 7700M Dual	1126	704	NA	NA
Radeon HD 7660D + 7500 Dual	1121	705	NA	NA
Radeon R7 PRO A12-9800	1117	706	NA	NA
Radeon R7 A10-8850	1114	708	NA	NA
Radeon R9 M275	1114	707	1.59	\$699.99*
Firepro W4190M	1112	709	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M500M	1112	710	NA	NA
Quadro K1100M	1107	711	3.43	\$322.99*
GeForce 940M	1106	712	NA	NA
Quadro 2100M	1100	715	NA	NA
Radeon HD 7660D + 6570 Dual	1100	714	NA	NA

<u>Radeon R7 A10-9700E RADEON</u>	<u>Passmark G3D Mark</u>	<u>713 Rank</u>	<u>Video Card Value</u>	<u>NA Price</u>
Videocard Name	(higher is	(lower is	(higher is	(USD)
<u>GeForce GTX 850M - MODDED</u>	1091	718	NA	NA
<u>GeForce 920MX</u>	1085	719	NA	NA
<u>MIRRORV3</u>	1080	720	NA	NA

<u>Barco MXRT 5450</u>	1079	722	<u>17.99</u>	<u>\$59.99</u>
<u>GeForce GT 545</u>	1079	721	<u>19.43</u>	<u>\$55.59*</u>
<u>Radeon HD 8450G + 8600/8700M Dual</u>	1070	724	NA	NA
<u>Radeon Vega 3 Mobile</u>	1070	723	NA	NA
<u>FirePro M4170</u>	1067	725	NA	NA
<u>Radeon R7 M350</u>	1064	726	NA	NA
<u>Radeon R7 FX-9830P RADEON</u>	1062	727	NA	NA
<u>GeForce 840M</u>	1061	729	NA	NA
<u>Radeon HD 7660D + 7670 Dual</u>	1061	728	NA	NA
<u>Radeon 535</u>	1060	731	NA	NA
<u>Radeon HD 7520G + 7700M Dual</u>	1060	730	NA	NA
<u>Firepro M4100</u>	1059	733	NA	NA
<u>GeForce GTX 760A</u>	1059	732	NA	NA
<u>OPAL XT/GL</u>	1053	734	NA	NA
<u>Radeon HD 7670A</u>	1050	735	NA	NA
<u>GeForce GTX 850A</u>	1049	736	NA	NA
<u>Radeon R7 PRO A8-9600</u>	1049	737	NA	NA
<u>Radeon R7 A12-9730P RADEON</u>	1047	739	NA	NA
<u>Radeon R7 M460</u>	1047	738	NA	NA
<u>Radeon R7 + R7 240 Dual</u>	1045	740	NA	NA
<u>Intel UHD Graphics 620</u>	1043	742	NA	NA
<u>Radeon R7 Opteron X3421</u>	1043	741	NA	NA
<u>Radeon HD 8570D + 6670 Dual</u>	1039	743	NA	NA
<u>Radeon R7 A12-9800E RADEON</u>	1037	744	<u>7.45</u>	<u>\$139.19*</u>
<u>Quadro K2000M</u>	1034	745	<u>7.18</u>	<u>\$144.04*</u>
<u>Radeon HD 8570D + HD 8570 Dual</u>	1032	746	NA	NA
<u>Quadro 3000M</u>	1029	747	<u>14.72</u>	<u>\$69.99*</u>
<u>Radeon HD 8600/8700M</u>	1029	748	NA	NA
<u>Radeon R7 + R5 330 Dual</u>	1028	749	NA	NA
<u>Radeon R9 A375</u>	1024	-1	NA	NA
<u>Intel Iris Pro 5200</u>	1022	750	NA	NA
<u>GeForce 930M</u>	1021	751	NA	NA
<u>Mobility Radeon HD 5870</u>	1020	752	NA	NA
<u>Radeon HD 8670D + R7 240 Dual</u>	1020	753	NA	NA
<u>GeForce GT 745M</u>	1016	755	NA	NA
<u>Radeon HD 6700M</u>	1016	754	NA	NA
<u>Radeon R5 A6-9500E 2C+4G</u>	1014	756	NA	NA
<u>RadeonT R5 430</u>	1012	757	NA	NA

<u>Video Card Name</u>	<u>Passmark G3D Mark</u>	<u>Rank</u>	<u>Value</u>	<u>Price (USD)</u>
	Mark higher is better	Rank lower is better	Value higher is better	
<u>Radeon HD 7690M XT</u>	1009	759	NA	NA
<u>GeForce 830A</u>	1004	760	NA	NA
<u>Radeon HD 7690M</u>	1003	761	NA	NA

<u>Radeon HD 6750</u>	1002	762	4.27	\$235.00
<u>Radeon HD 7660G + HD 7500/7600 7500/7600 Dual</u>	1002	763	NA	NA
<u>Radeon R5 340</u>	1001	764	NA	NA
<u>Radeon R5 PRO A6-9500 R5_8 COMPUTE CORES 2C+6G</u>	1000	-1	NA	NA
<u>Radeon R7 A10-9700 RADEON</u>	1000	765	NA	NA
<u>Radeon HD 7660G + HD 7500M/7600M Dual</u>	999	767	NA	NA
<u>Radeon HD 8570D + R7 200 Dual</u>	999	766	NA	NA
<u>Radeon HD 7640G + HD 8750M Dual</u>	996	768	NA	NA
<u>Radeon R7 A12-9800 RADEON</u>	993	769	NA	NA
<u>Radeon R7 PRO A12-9800E</u>	989	770	NA	NA
<u>Radeon HD 7560D + 7570 Dual</u>	985	771	NA	NA
<u>Radeon HD 8690M</u>	984	772	NA	NA
<u>FirePro V4900</u>	983	773	16.68	\$59.00*
<u>Intel HD 530</u>	983	774	NA	NA
<u>Radeon HD 7560D + 7560D Dual</u>	982	775	NA	NA
<u>Radeon R5 A10-9630P 4C+6G</u>	977	776	NA	NA
<u>Radeon HD 8670D + 8570 Dual</u>	974	777	NA	NA
<u>FirePro M4150</u>	973	780	NA	NA
<u>Radeon E6760</u>	973	779	4.06	\$239.99*
<u>Radeon HD 8850M</u>	973	781	NA	NA
<u>Radeon R7 A10-7850K</u>	973	778	NA	NA
<u>Quadro FX 4800</u>	971	782	4.88	\$199.00*
<u>Radeon R6 A10-9600P 4C+6G</u>	970	783	NA	NA
<u>Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D</u>	966	784	NA	NA
<u>Radeon HD 6770M</u>	964	786	NA	NA
<u>Radeon HD 8570</u>	964	785	9.78	\$98.68*
<u>Quadro 2000D</u>	963	788	6.88	\$140.00*
<u>Radeon HD 8570D + R7 240 Dual</u>	963	787	NA	NA
<u>Radeon R7 M270DX</u>	961	-1	NA	NA
<u>GeForce GT 645M</u>	958	790	NA	NA
<u>Radeon R7 A10 PRO-7850B</u>	958	789	NA	NA
<u>Radeon R6 Opteron X3418</u>	955	791	NA	NA
<u>Radeon R7 A265</u>	954	793	NA	NA
<u>Radeon R7 PRO A10-8770</u>	954	792	NA	NA
<u>Radeon HD 8570 + HD 7660D Dual</u>	949	795	NA	NA
<u>Radeon HD 8670D + R7 200 Dual</u>	949	794	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro CX	947	799	6.32	\$149.95*
Radeon R7 A8-7500	947	798	NA	NA
Radeon R9 M265X	946	800	NA	NA
Quadro 2000	945	803	4.35	\$217.50*

Radeon HD 6670/7670	945	801	NA	NA
Radeon HD 7640G + 7690M Dual	945	802	NA	NA
Radeon R7 PRO A10-8850B	945	804	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 620	943	-1	NA	NA
Radeon 530	942	805	NA	NA
Radeon HD 7660D + R7 240 Dual	941	806	NA	NA
Radeon HD 6750M	937	807	NA	NA
Radeon R7 PRO A10-9700E	936	808	1.77	\$529.00*
Radeon HD 7560D + HD 8570 Dual	935	809	NA	NA
Radeon HD 7660G + 7730M Dual	931	810	NA	NA
Radeon R7 240 + HD 8670D Dual	930	812	NA	NA
Radeon R7 340	930	811	NA	NA
Radeon. HD 7730M	928	813	NA	NA
Intel Iris Pro 6100	925	814	NA	NA
Radeon R5 430	923	815	15.66	\$59.00*
Radeon R9 M280X	922	816	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	920	817	NA	NA
Intel HD Graphics 620	919	818	NA	NA
Radeon R7 240 + HD 8570D Dual	917	819	NA	NA
GRID M10-0Q	913	820	NA	NA
FirePro W4170M	912	823	NA	NA
GRID K220Q	912	822	NA	NA
Radeon R7 A8-8650	912	821	NA	NA
GRID M6-0B	911	824	NA	NA
Radeon 6750M	911	826	NA	NA
Radeon R7 M445	911	825	1.22	\$744.00*
Radeon HD 4770	905	827	NA	NA
Radeon 620	902	828	NA	NA
Radeon R7 M365X	902	829	NA	NA
Radeon HD 8550G + 7600M Dual	901	830	NA	NA
Barco MXRT 2600	900	832	4.52	\$199.00
Barco MXRT 7400	900	831	9.10	\$99.00*
Radeon Vega 3	899	833	0.34	\$2,677.99
Radeon R7 A10-7860K	898	835	NA	NA
Radeon R7 PRO A10-9700	898	834	NA	NA
GeForce GT 640M	897	837	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD 620	888	839	NA	NA
Radeon R7 PRO A10-8770E	886	840	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	841	NA	NA

Radeon HD 8650G + 7670M Dual	883	842	NA	NA
Radeon R7 A10-8750	883	843	NA	NA
Radeon R7 PRO A12-8830B	882	844	NA	NA
Radeon HD 7660G + HD 7730M Dual	881	845	NA	NA
Radeon R7 A8-7670K	881	846	NA	NA
GeForce GT 445M	880	847	NA	NA
GeForce 920A	879	848	NA	NA
FirePro W2100	878	850	14.89	\$59.00
Radeon HD 8750M	878	849	NA	NA
Intel UHD 617	874	852	NA	NA
LMIMIRR	874	851	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4830	873	853	14.56	\$59.99*
Radeon R7 G	869	855	NA	NA
Radeon R7 M440	869	854	NA	NA
GeForce GT 635	868	856	12.97	\$66.94*
Radeon HD 8570D + HD 6570 Dual	868	857	NA	NA
Mobility Radeon HD 4850	866	858	NA	NA
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	866	859	NA	NA
Intel Iris 6100	864	860	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	861	NA	NA
Intel HD 520	860	862	NA	NA
Radeon HD 8550G + HD 7600M Dual	854	863	NA	NA
FirePro 3D V4800	853	864	5.33	\$159.99*
Radeon R5 A6-9500 2C+6G	853	865	NA	NA
Radeon R7 240	853	867	4.29	\$199.00
Radeon R7 A8-7500 4C+6G	853	866	NA	NA
Radeon HD 8500M/8700M	852	868	NA	NA
Intel HD 6000	851	869	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	870	NA	NA
Radeon R5 435	840	871	NA	NA
FireGL V8600	838	872	NA	NA
GeForce GT 730M	838	873	NA	NA
Radeon HD 8470D + 6570 Dual	837	874	NA	NA
Radeon HD 8670D + R5 235 Dual	836	875	NA	NA
Radeon 520	835	876	9.29	\$89.99
Radeon HD 6650A	835	877	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7560D + 6570 Dual				
Radeon HD 7660G + 7600M Dual	831	881	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	880	NA	NA
Intel HD 5200	830	882	NA	NA
GRID M60-0Q	827	883	NA	NA

3DP Edition	826	884	NA	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	885	NA	NA
Radeon HD 3850 X2	822	886	NA	NA
Radeon R7 M260DX	822	887	NA	NA
Radeon HD 7540D + 7500 Dual	821	888	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	890	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	889	NA	NA
Radeon R7 PRO A10-8750B	817	891	NA	NA
Radeon R7 A10 Extreme Edition	816	892	NA	NA
Radeon R7 FX-8800P	812	893	NA	NA
Radeon HD 8670D + 7000 Dual	811	894	NA	NA
Radeon R7 A8-9600 RADEON	811	895	NA	NA
GRID K1	810	896	2.05	\$395.00*
Radeon R5 A6-7480	806	897	NA	NA
GeForce GT 730	802	899	7.83	\$102.43
Radeon HD 8550G + 8600/8700M Dual	802	898	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	900	NA	NA
GeForce 9800 GX2	797	901	4.09	\$195.00
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7670	797	902	NA	NA
Radeon R5 M435	797	904	NA	NA
Radeon R7 PRO A12-8800B	797	903	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	905	NA	NA
Radeon HD 8550G + 8750M Dual	795	906	NA	NA
Quadro 2000M	793	907	3.45	\$229.74*
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	787	908	NA	NA
Radeon HD 8650G + 8750M Dual	786	909	NA	NA
Quadro K420	783	911	2.91	\$269.00*
Radeon R8 M445DX	783	910	NA	NA
GeForce GT 740M	782	912	NA	NA
Radeon 535DX	782	913	NA	NA
Radeon HD 5670	781	914	13.03	\$59.99
Radeon R7 A365	781	916	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	915	NA	NA
Radeon R7 PRO A12-9800B	779	917	NA	NA
Radeon HD 8650G + HD 8750M Dual	778	918	NA	NA

<div>GRID P40-4Q</div> <div>Videocard Name</div>	Passmark G3D Mark (higher is better)	Rank 919 (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 3800	776	921	5.21	\$149.00*
GeForce GT 440	775	923	3.56	\$218.00
Radeon HD 7640G + 7500M/7600M Dual	775	922	NA	NA
GeForce GT 340	774	924	14.62	\$52.99*

RadeonT Vega 3	774	-1	NA	NA
Mobility Radeon HD 5000	773	927	NA	NA
Radeon HD 7600M + 7600M Dual	773	925	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	926	NA	NA
Radeon R9 M375	773	928	NA	NA
GeForce 730A	772	929	NA	NA
Quadro K1000M	770	931	11.01	\$69.95*
Radeon R5 PRO A6-9500E 2C+4G	770	930	NA	NA
GeForce 9800 GTX	769	933	7.69	\$99.99
Radeon HD 4810	769	932	NA	NA
GeForce 825M	768	934	NA	NA
Intel UHD 615	767	937	NA	NA
Quadro K600	767	936	12.74	\$60.24*
Radeon R7 A10-7890K	767	935	NA	NA
Radeon R7 A12-9720P RADEON	764	938	2.09	\$365.48*
Mobility Radeon HD 5850	763	940	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	939	NA	NA
Radeon HD 6450 + 8470D Dual	762	941	NA	NA
Radeon HD 7660G + HD 7500/7600 Dual	760	942	NA	NA
Radeon HD 7660G + HD 8500M Dual	758	943	NA	NA
Intel Iris 5100	757	946	NA	NA
Radeon HD 7660G + 7700M Dual	757	947	NA	NA
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757	945	NA	NA
Radeon R7 PRO A10-9700B	757	944	NA	NA
Quadro 1100M	755	948	NA	NA
Radeon HD 7640G + 7450M Dual	754	950	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 A8-7600	754	949	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	951	NA	NA
Incredible HD 4600	749	952	NA	NA
Radeon HD 6650M	749	953	NA	NA
Radeon M535DX	749	954	NA	NA
Radeon HD 7640G + 7650M Dual	747	955	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	956	NA	NA
Radeon HD 8670D + R5 330 Dual	746	957	NA	NA

<u>Radeon HD 7660G + 7610M Dual</u>	Passmark G3D Mark #higher is	959 Rank (lower is better)	Videocard Value #higher is	NA Price (USD)
Videocard Name				
<u>Radeon R5 235 + HD 7560D Dual</u>	743	960	NA	NA
<u>GeForce GT 730A</u>	742	962	NA	NA
<u>Radeon HD 8650G + 7600M Dual</u>	741	963	NA	NA
<u>Radeon R7 A8-7680</u>	740	965	NA	NA
<u>Radeon R8 M365DX</u>	740	964	NA	NA
<u>Radeon HD 6670</u>	739	966	9.85	\$74.99
<u>Intel Poison Ivy</u>	738	967	NA	NA
<u>Radeon HD 7670M + 7670M Dual</u>	738	968	NA	NA
<u>Radeon R5 235 + HD 8570D Dual</u>	737	969	NA	NA
<u>Radeon R7 A10-7700K</u>	736	970	NA	NA
<u>Intel UHD 610</u>	733	972	NA	NA
<u>Radeon R7 A10-7800</u>	733	971	NA	NA
<u>Quadro K610M</u>	731	974	3.05	\$240.00*
<u>Radeon R5 A10-9620P 4C+6G</u>	731	973	NA	NA
<u>Radeon HD 7550M/7650M</u>	728	975	NA	NA
<u>GeForce 920M</u>	727	978	NA	NA
<u>GRID K140Q</u>	727	976	NA	NA
<u>Radeon HD 6800M</u>	727	977	NA	NA
<u>Intel HD 615</u>	726	981	NA	NA
<u>NVS 510</u>	726	980	3.50	\$207.35
<u>Radeon R7 FX-9800P RADEON</u>	726	979	1.37	\$530.00*
<u>GeForce 720A</u>	724	982	NA	NA
<u>Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D</u>	722	983	NA	NA
<u>Radeon HD 8650G + R5 M200 Dual</u>	722	984	NA	NA
<u>Asus GTX 650 FML II EC-EGPU</u>	720	985	NA	NA
<u>Mobility Radeon HD 4870</u>	719	986	NA	NA
<u>Radeon HD 7540D + 6570 Dual</u>	719	987	NA	NA
<u>Radeon HD 8670D + HD 7000 Dual</u>	718	988	NA	NA
<u>Radeon HD 8470D + 6450 Dual</u>	717	989	NA	NA
<u>Radeon HD 8650G + HD 8570M Dual</u>	716	990	NA	NA
<u>Intel HD 5600</u>	712	991	NA	NA
<u>Radeon HD 7660G + HD 8670M Dual</u>	711	992	NA	NA
<u>Radeon HD 3870 X2</u>	708	993	NA	NA
<u>GeForce GT 740A</u>	707	995	NA	NA
<u>Radeon HD 6550A</u>	707	994	NA	NA
<u>Radeon HD 7660G + HD 7670M Dual</u>	706	996	NA	NA
<u>Radeon HD 7640G + 7600M Dual</u>	705	997	NA	NA
<u>Radeon HD 7640G + HD 7600M Dual</u>	704	999	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7660G N HD 7660G + HD</u>	704	998	NA	NA

<u>7670M Dual</u>	Passmark G3D	Rank	Videocard	Price
Videocard Name	Mark	(lower is	Value	(USD) ...
	(higher is	better)	(higher is	
<u>TRINITY DEVASTATOR MOBILE</u>	699	1001	NA	NA
<u>Radeon R8 M535DX</u>	698	1003	NA	NA
<u>Radeon R5 PRO A10-8730B 4C+6G</u>	695	1004	NA	NA

<u>Radeon R5 PRO A6-9500B 2C+4G</u>	693	1005	NA	NA
<u>Radeon R7 PRO A8-8650B</u>	692	1006	NA	NA
<u>Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C</u>	691	1007	NA	NA
<u>Radeon HD 7640G + 7700M Dual</u>	690	1008	NA	NA
<u>Radeon R7E</u>	690	1009	NA	NA
<u>GeForce GT 530</u>	689	1011	14.06	\$49.00*
<u>Radeon R5 PRO A6-8530B 2C+4G</u>	689	1010	NA	NA
<u>Radeon HD 7640G + 8600/8700M Dual</u>	688	1012	NA	NA
<u>Radeon HD 8650G + R5 M230 Dual</u>	686	1013	NA	NA
<u>Radeon HD 8550D</u>	685	1014	NA	NA
<u>Radeon HD 6630M</u>	684	1015	NA	NA
<u>GeForce GT 640M LE</u>	682	1016	0.80	\$849.99*
<u>GRID P40-3Q</u>	681	1018	NA	NA
<u>Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C</u>	681	1017	NA	NA
<u>Radeon HD 7640G N HD 7640G + HD 7670M Dual</u>	679	1020	NA	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D</u>	679	1019	NA	NA
<u>GeForce GTS 160M</u>	678	1021	NA	NA
<u>Radeon HD 7640G + HD 8670M Dual</u>	677	1022	NA	NA
<u>GeForce GT 630</u>	676	1023	5.48	\$123.45
<u>Quadro FX 4700 X2</u>	676	1026	NA	NA
<u>Radeon HD 8610G + R5 M200 Dual</u>	676	1025	NA	NA
<u>Radeon R7 A360</u>	676	1024	NA	NA
<u>GeForce GTX 285M</u>	675	1027	NA	NA
<u>FirePro V3900</u>	672	1029	2.82	\$238.44*
<u>Radeon R7 A12-9700P RADEON</u>	672	1028	1.54	\$435.92*
<u>Intel HD 610</u>	671	1030	NA	NA
<u>FirePro M7740</u>	665	1032	NA	NA
<u>Radeon HD 7640G + HD 8500M N HD 8500M Dual</u>	665	1031	NA	NA
<u>Quadro 500M</u>	664	1034	2.41	\$275.14*
<u>Radeon HD 8550G + 8690M Dual</u>	664	1033	NA	NA
<u>FireGL V7700</u>	660	1036	9.43	\$69.99
<u>Radeon HD 5600/5700</u>	660	1035	NA	NA
<u>Radeon HD 2900 XT</u>	659	1037	NA	NA
<u>Radeon HD 7660G + HD 7600M Dual</u>	659	1038	NA	NA
<u>Radeon R5 PRO A8-9600B 4C+6G</u>	658	1039	NA	NA

<u>GeForce GT 140</u>	Passmark G3D Mark <small>(higher is better)</small>	1040 Rank <small>(lower is better)</small>	Videocard Value <small>(higher is better)</small>	NA Price <small>(USD)</small>
Videocard Name				
<u>Radeon HD 7640G + 8750M Dual</u>	654	1043	NA	NA
<u>Radeon HD 8550G + HD 8600/8700M Dual</u>	654	1044	NA	NA
<u>Radeon HD 8650G + 8570M Dual</u>	654	1045	NA	NA

<u>Professional HD Driver</u>	653	1046	NA	NA
<u>Radeon HD 7520G + HD 8750M Dual</u>	651	1047	NA	NA
Videocard Name	Passmark G3D Mark <small>(higher is better)</small>	Rank <small>(lower is better)</small>	Videocard Value <small>(higher is better)</small>	Price <small>(USD)</small>
<u>GeForce GTS 360M</u>	650	1048	NA	NA
<u>SUMO 9640</u>	650	1049	NA	NA
<u>Radeon R5 M430</u>	648	1050	NA	NA
<u>FireStream 9170</u>	647	1051	NA	NA
<u>Radeon HD 6670 + 6670 Dual</u>	646	1052	NA	NA
<u>Radeon R7 M340</u>	646	1053	NA	NA
<u>Radeon HD 8610G + HD 8500M Dual</u>	645	1054	NA	NA
<u>Radeon HD 7640G + 7670M Dual</u>	644	1055	NA	NA
<u>Radeon HD 7540D + HD 6450 Dual</u>	643	1056	NA	NA
<u>Radeon R6</u>	640	1057	NA	NA
<u>GeForce 8800 Ultra</u>	638	1059	NA	NA
<u>GeForce GT 710</u>	638	1060	6.02	\$105.99
<u>Intel HD P4600/P4700</u>	638	1058	NA	NA
<u>Radeon HD 7640G + 7400M Dual</u>	637	1062	NA	NA
<u>Radeon HD 8450G + 8750M Dual</u>	637	1063	NA	NA
<u>Radeon R5 PRO A6-8570E 2C+4G</u>	637	1061	NA	NA
<u>GeForce 9800 S</u>	635	1064	NA	NA
<u>Radeon HD 8650G + 8670M Dual</u>	635	1065	NA	NA
<u>Matrox C420 LP PCIe x16</u>	634	1066	NA	NA
<u>NVS 5400M</u>	634	1068	NA	NA
<u>Radeon HD 8650G + HD 7670M Dual</u>	634	1067	NA	NA
<u>Radeon HD 7660D + HD 7000 Dual</u>	633	1069	NA	NA
<u>Radeon HD 7610M</u>	632	1070	NA	NA
<u>GeForce 9800 GTX/9800 GTX+</u>	630	1073	7.01	\$89.99*
<u>Radeon HD 7640G + HD 7700M N HD 7700M Dual</u>	630	1071	NA	NA
<u>Radeon HD 7660G + 7470M Dual</u>	630	1072	NA	NA
<u>Radeon HD 8510G + HD 8500M Dual</u>	629	1074	NA	NA
<u>GRID K160Q</u>	628	1075	NA	NA
<u>Intel HD 4600</u>	628	1076	NA	NA
<u>GeForce GTS 240</u>	627	1078	9.65	\$64.99*
<u>Radeon HD 2900 PRO</u>	627	1077	NA	NA
<u>Radeon HD 7640G + 7500/7600 Dual</u>	627	1079	NA	NA
<u>Radeon HD 8650G + 8500M Dual</u>	626	1080	NA	NA
<u>GeForce GT 820M</u>	625	1081	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 A6-8500P		1082		
Radeon HD 7520G + HD 8600/8700M Dual	623	1083	NA	NA
GeForce 810A	622	1085	NA	NA
Radeon HD 7570	622	1086	6.07	\$102.49*

GeForce GTX 280M	621	1088	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1087	NA	NA
Radeon HD 8570 + 8670D Dual	620	1089	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1090	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1091	NA	NA
Radeon HD 8550G + 8600M Dual	617	1092	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1093	NA	NA
FireGL V7600	615	1095	NA	NA
GeForce GTS 250	615	1094	11.19	\$54.99
Radeon R7 A8 PRO-7600B	614	1096	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 515	613	1098	NA	NA
Radeon HD 8650G + 8600M Dual	613	1099	NA	NA
Radeon R7 A8-7650K	613	1097	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1100	NA	NA
7900 MOD - Radeon HD 6520G	610	1101	NA	NA
Quadro K510M	610	1102	NA	NA
Radeon HD 8610G + 8500M Dual	610	1103	NA	NA
GeForce 8800 GTS 512	607	1105	NA	NA
Radeon HD 7640G + HD 8500M Dual	607	1104	NA	NA
Radeon HD 8650G + HD 8600M Dual	606	1107	NA	NA
Radeon R7 M265	606	1106	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1108	NA	NA
Intel HD P4600	604	1109	NA	NA
Radeon HD 8550G + 8500M Dual	602	1110	NA	NA
GeForce GT 720A	600	1111	NA	NA
GeForce GT 720	599	1113	5.99	\$99.99*
Radeon HD 8610G + 8670M Dual	599	1112	NA	NA
Quadro 1000M	597	1114	10.97	\$54.50*
GeForce 8800 GTX	596	1115	2.98	\$199.99*
Radeon HD 8510G + 8500M Dual	596	1116	NA	NA
Radeon HD 7640G + 7470M Dual	595	1118	NA	NA
Radeon R5 M330	595	1117	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1119	NA	NA
Radeon HD 7520G + 7600M Dual	591	1120	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1121	NA	NA

<u>Radeon HD 7520G + 7610M Dual</u>	Passmark G3D Mark <small>(higher is better)</small>	1124 Rank <small>(lower is better)</small>	Videocard Value <small>(higher is better)</small>	NA Price <small>(USD)</small>
Videocard Name				
<u>Radeon R5 PRO A10-8730B R5_10 COMPUTE CORES 4C+6G</u>	588	1123	NA	NA
<u>Radeon HD 7660G + 8670M Dual</u>	587	1126	NA	NA
<u>Radeon HD 7640G + HD 8600/8700M Dual</u>	586	1127	NA	NA
<u>GeForce GT 550M</u>	585	1129	NA	NA
<u>Radeon HD 7640G + 8500M Dual</u>	585	1128	NA	NA
<u>Radeon HD 8650G + HD 8670M Dual</u>	585	1130	NA	NA
<u>Quadro FX 3800M</u>	584	1131	NA	NA
<u>GeForce GT 430</u>	582	1132	4.16	\$139.99
<u>Radeon HD 7520G + 7500/7600 Dual</u>	582	1133	NA	NA
<u>GeForce GT 735M</u>	580	1134	NA	NA
<u>Intel HD 5500</u>	579	1136	NA	NA
<u>Radeon HD 8550G + 8670M Dual</u>	579	1135	NA	NA
<u>GeForce 910M</u>	578	1137	NA	NA
<u>Radeon HD 8450G + R5 M230 Dual</u>	578	1138	NA	NA
<u>Radeon HD 7620G + 8670M Dual</u>	577	1140	NA	NA
<u>Radeon HD 8610G + HD 8670M Dual</u>	577	1139	NA	NA
<u>Intel Skylake HD DT GT2</u>	576	1141	NA	NA
<u>Radeon R5 A240</u>	576	1142	NA	NA
<u>Radeon HD 3870</u>	575	1143	7.20	\$79.99
<u>Radeon HD 7520G + HD 7700M Dual</u>	574	1144	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760</u>	574	1146	NA	NA
Videocard Name	Passmark G3D Mark <small>(higher is better)</small>	Rank <small>(lower is better)</small>	Videocard Value <small>(higher is better)</small>	Price <small>(USD)</small>
<u>Radeon HD 8450G + HD 8670M Dual</u>	574	1147	NA	NA
<u>Radeon R5 420</u>	574	1145	14.39	\$39.95*
<u>Radeon R5 330</u>	572	1148	1.68	\$339.99*
<u>Radeon R6 + R7 M265DX Dual</u>	570	1149	NA	NA
<u>GeForce 820A</u>	568	1151	NA	NA
<u>Radeon HD 7560D + 6450 Dual</u>	568	1150	NA	NA
<u>Radeon HD 6610M</u>	565	1152	NA	NA
<u>Radeon 6600M</u>	563	1153	NA	NA
<u>Radeon HD 7560D + R5 235 Dual</u>	563	1155	NA	NA
<u>Radeon HD 7650A</u>	563	1154	2.15	\$262.00*
<u>GeForce GT 635M</u>	562	1156	NA	NA
<u>Quadro FX 5600</u>	561	1158	3.32	\$168.98*
<u>Radeon R7 A10 PRO-7800B</u>	561	1157	NA	NA
<u>Radeon R6 A8-8600P</u>	560	1159	NA	NA
<u>Radeon HD 7640G + R5 M200 Dual</u>	559	1160	NA	NA
<u>Radeon R7 M360</u>	559	1161	NA	NA

<u>Radeon HD 7640G + 8570M Dual</u>	Passmark G3D Mark	1164 Rank	Midleocard Value	NA Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>Intel HD 5000</u>	556	1165	0.89	\$625.00*
<u>Radeon HD 7600G + HD 7500M/7600M Dual</u>	555	1166	NA	NA
<u>GF117</u>	554	1167	NA	NA

<u>GeForce 615</u>	551	1168	NA	NA
<u>Radeon R7 7850A10-7850K</u>	551	1169	NA	NA
<u>FireGL V8650</u>	550	1170	3.44	\$159.99
<u>GeForce GT 240</u>	548	1172	3.93	\$139.42
<u>Radeon R5 M335</u>	548	1171	NA	NA
<u>Mobility Radeon HD 3870</u>	547	1173	NA	NA
<u>Mobility Radeon HD 5570</u>	547	1174	NA	NA
<u>FirePro 3D V5700</u>	546	1175	1.71	\$319.99*
<u>Radeon HD 8550G + HD 8670M Dual</u>	546	1176	NA	NA
<u>FirePro 3D V7750</u>	545	1180	1.56	\$350.00*
<u>GeForce GT 630M</u>	545	1177	NA	NA
<u>Quadro 600</u>	545	1178	7.18	\$76.00*
<u>Radeon HD 8450G + 8600M Dual</u>	545	1179	NA	NA
<u>Radeon HD 7520G + HD 7400M Dual</u>	544	1181	NA	NA
<u>Quadro FX 2700</u>	543	1183	NA	NA
<u>Radeon HD 7600G + HD 8670M Dual</u>	543	1182	NA	NA
<u>Radeon HD 7520G + 7470M Dual</u>	542	1184	NA	NA
<u>GeForce GT 435M</u>	540	1185	NA	NA
<u>Radeon R6 PRO A10-8700B R6_10 Compute Cores 4C+6G</u>	539	1187	NA	NA
<u>Radeon R7 M265DX</u>	539	1186	NA	NA
<u>KV SPECTRE LITE MOBILE 25W</u>	538	1188	NA	NA
<u>Radeon R6 PRO A10-8700B 4C+6G</u>	538	1189	NA	NA
<u>Radeon HD 8670D</u>	537	1190	NA	NA
<u>Radeon HD 7560D + HD 7000 Dual</u>	534	1191	NA	NA
<u>GRID K180Q</u>	533	1192	NA	NA
<u>NVS 5200M</u>	533	1193	NA	NA
<u>Radeon HD 8550G + 8570M Dual</u>	532	1194	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon R6 M255DX</u>	532	1195	NA	NA
<u>RADEON HD6530D</u>	531	1197	NA	NA
<u>Radeon R6 PRO A8-8600B 4C+6G</u>	531	1196	NA	NA
<u>Radeon HD 8550G + HD 8570M Dual</u>	529	1198	NA	NA
<u>Radeon HD 7660D</u>	528	1199	NA	NA
<u>Radeon HD 7600G N HD 7600G + HD ON HD Dual</u>	526	1201	NA	NA
<u>Radeon HD 7640G + 6400M Dual</u>	526	1200	NA	NA
<u>Radeon HD 8650D</u>	525	1202	NA	NA

<u>Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G</u> Videocard Name	Passmark G3D Mark (higher is better)	1203 Rank (lower is better)	Videocard Value (higher is better)	NA Price (USD)
<u>GeForce GTS 250M</u>	523	1206	NA	NA
<u>Radeon HD 7520G + 7670M Dual</u>	523	1207	NA	NA
<u>Radeon HD 7660D + R5 235 Dual</u>	523	1204	NA	NA
<u>Intel HD 4400</u>	522	1208	NA	NA

<u>MCT USB3.0 External Device</u>	520	-1	NA	NA
<u>Radeon HD 8670M</u>	520	1209	NA	NA
<u>GeForce 820M</u>	518	1211	NA	NA
<u>Radeon HD 7640G + HD 7670M Dual</u>	518	1210	NA	NA
<u>GeForce 8800 GT</u>	517	1212	3.47	\$149.00
<u>Incredible HD 4000</u>	517	1213	NA	NA
<u>Intel HD P4000</u>	516	1214	NA	NA
<u>Radeon R5 240</u>	515	1215	6.07	\$85.00*
<u>A10-8700P</u>	513	1216	NA	NA
<u>Radeon R5 M255</u>	513	1217	NA	NA
<u>Mobility Radeon HD 4830</u>	511	1218	NA	NA
<u>GeForce 9800 GTX+</u>	510	1219	NA	NA
<u>Radeon HD 7640G + 7610M Dual</u>	510	1220	NA	NA
<u>Radeon HD 7670M</u>	510	1221	0.81	\$629.99*
<u>Radeon HD 7600G + HD 7550M Dual</u>	509	1222	NA	NA
<u>Radeon HD 7620G + 8600M Dual</u>	508	1223	NA	NA
<u>Radeon R5 PRO A6-8500B 2C+4G</u>	508	1224	NA	NA
<u>GeForce GT625M</u>	507	1226	NA	NA
<u>Radeon HD 7620G + HD 8670M Dual</u>	507	1225	NA	NA
<u>Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G</u>	506	-1	NA	NA
<u>GeForce GTS 150M</u>	504	1227	NA	NA
<u>Radeon HD 8450G + HD 8750M Dual</u>	503	1228	NA	NA
<u>Quadro FX 3700M</u>	498	1230	0.54	\$925.00*
<u>Radeon HD 6570</u>	498	1229	7.13	\$69.99
<u>TRINITY SCRAPPER MOBILE</u>	498	1231	NA	NA
<u>GeForce 9600 GT</u>	497	1233	3.34	\$149.00*
<u>Radeon HD 7500G + 7550M Dual</u>	497	1235	NA	NA
<u>Radeon HD 8650G</u>	497	1234	NA	NA
<u>SUMO 964A</u>	497	1232	NA	NA
<u>ASUS EAH4870x2</u>	496	1236	NA	NA
<u>Radeon HD 7520G + HD 7670M Dual</u>	495	1237	NA	NA
<u>Radeon R6 A10-8700P</u>	491	1238	NA	NA
<u>Radeon HD8530M</u>	490	1239	NA	NA
<u>GeForce GT 540M</u>	489	1241	5.56	\$87.95*
<u>Mobility Radeon HD 5730</u>	489	1240	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8670D N HD 8670D + HD</u>	488	1242	NA	NA

<u>8670D Dual</u>	Passmark G3D Mark	Rank	Videocard Value	Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>GeForce 710A</u>	486	1245	NA	NA
<u>Radeon HD 7520G + 7400M Dual</u>	486	1246	NA	NA
<u>GeForce GTX 260M</u>	485	1247	NA	NA

<u>Radeon R5 M420</u>	482	1248	NA	NA
<u>Quadro K500M</u>	480	-1	NA	NA
<u>Radeon HD 8610G + HD 8600M Dual</u>	480	1249	NA	NA
<u>Mobility Radeon HD 5000 Serisi</u>	478	1250	NA	NA
<u>Mobility Radeon HD 3870 X2</u>	477	1251	NA	NA
<u>GeForce 9800 GT</u>	475	1253	4.75	\$99.99
<u>Radeon HD 5570</u>	475	1252	2.90	\$163.99
<u>Radeon HD 7660G</u>	475	1254	NA	NA
<u>Radeon HD 7640G + HD 8570M Dual</u>	474	1256	NA	NA
<u>Radeon HD 8450G + 8670M Dual</u>	474	1255	NA	NA
<u>FirePro 3D V3800</u>	472	1257	3.15	\$149.99*
<u>Radeon HD 7560D</u>	470	1259	NA	NA
<u>Radeon HD 8570D + R5 235 Dual</u>	470	1258	NA	NA
<u>Radeon HD 7600G + 8500M/8700M Dual</u>	469	1260	NA	NA
<u>GeForce 800M</u>	468	1262	NA	NA
<u>Radeon HD 8690A</u>	468	1261	NA	NA
<u>Quadro FX 3600M</u>	466	1263	NA	NA
<u>Radeon HD 7660D + 7470 Dual</u>	465	1265	NA	NA
<u>SUMO 9644</u>	465	1264	NA	NA
<u>FirePro V5700</u>	464	1268	NA	NA
<u>GeForce GT 720M</u>	464	1267	NA	NA
<u>Radeon HD 7550M</u>	464	1266	NA	NA
<u>Mobility Radeon HD 4670</u>	463	1269	NA	NA
<u>GeForce 8800M GTX</u>	462	1270	NA	NA
<u>GeForce 9800M GTX</u>	461	1272	1.41	\$328.50*
<u>Radeon R5 M315</u>	461	1271	NA	NA
<u>Radeon HD 7660G + HD 7600M N HD 7600M Dual</u>	460	1273	NA	NA
<u>GeForce 9800M GS</u>	457	1274	NA	NA
<u>GeForce 705M</u>	455	1275	NA	NA
<u>GeForce GT 525M</u>	455	1276	NA	NA
<u>Radeon Vega 2</u>	454	1277	NA	NA
<u>Radeon HD 7520G + 7650M Dual</u>	453	1279	NA	NA
<u>Radeon HD 7650M</u>	453	1278	NA	NA
<u>HIS DIGITAL HD 4650 AGP</u>	452	1282	NA	NA
<u>Intel HD Family</u>	452	1283	NA	NA
<u>Mobility Radeon HD 5650</u>	452	1280	NA	NA
<u>Radeon HD 8450G + HD 8600M Dual</u>	452	1281	NA	NA

<u>Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D</u>	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	NA Price (USD)
<u>Radeon HD 7520G + HD 7600M Dual</u>	447	1286	NA	NA
<u>Radeon R7 M260</u>	447	1287	<u>0.56</u>	<u>\$799.00*</u>
<u>PHDGD Ivy 5</u>	445	1289	NA	NA
<u>Radeon HD 7660G + 8600M Dual</u>	445	1288	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 8800 GTS</u>	444	1292	<u>3.19</u>	<u>\$139.00</u>
<u>Quadro FX 1800M</u>	444	1290	NA	NA
<u>Radeon HD 8570D</u>	444	1291	NA	NA
<u>Radeon HD 8350G</u>	443	1293	NA	NA
<u>GeForce 710M</u>	442	1294	NA	NA
<u>Radeon HD 3850</u>	442	1295	NA	NA
<u>Radeon HD 7620G + HD 8600M Dual</u>	442	1296	NA	NA
<u>GeForce GT 710M</u>	441	1297	NA	NA
<u>Radeon HD 7640G</u>	441	1298	NA	NA
<u>Quadro FX 4600</u>	439	1299	<u>1.32</u>	<u>\$333.25*</u>
<u>GeForce GT 320</u>	437	1300	<u>13.37</u>	<u>\$32.69*</u>
<u>Radeon R5 Opteron X3216</u>	436	1301	NA	NA
<u>GeForce GT 620M</u>	435	1302	NA	NA
<u>GeForce GT 625M</u>	435	1305	NA	NA
<u>Radeon HD 7600G + HD Dual</u>	435	1303	NA	NA
<u>Radeon HD 8410G</u>	435	1304	NA	NA
<u>Radeon HD 3850 AGP</u>	432	1307	NA	NA
<u>Radeon HD 8570M</u>	432	1308	NA	NA
<u>Radeon R5 M240</u>	432	1306	NA	NA
<u>Quadro 410</u>	430	1309	<u>3.33</u>	<u>\$129.00*</u>
<u>GeForce 800A</u>	428	1310	NA	NA
<u>GeForce 9800M GT</u>	424	1311	NA	NA
<u>Radeon HD 7600G + 7550M Dual</u>	423	1313	NA	NA
<u>Radeon HD 7640G + HD 7500/7600 Dual</u>	423	1312	NA	NA
<u>Radeon HD 7640G N HD 7640G + HD 8570M Dual</u>	422	1315	NA	NA
<u>RADEON HD6410D</u>	422	1314	NA	NA
<u>Radeon R5 M320</u>	420	1316	NA	NA
<u>Intel 4th Generation Haswell HD</u>	419	1317	NA	NA
<u>Quadro FX 2800M</u>	414	1318	<u>2.18</u>	<u>\$190.00*</u>
<u>Radeon HD 6550D</u>	414	1319	NA	NA
<u>GeForce GT 420M</u>	412	1320	NA	NA
<u>GeForce GTS 350M</u>	407	1321	NA	NA
<u>Radeon HD 7470M</u>	407	1322	NA	NA
<u>Radeon HD 7640G + HD 7600M N HD 7600M Dual</u>	406	1323	NA	NA
<u>RADEON E4690</u>	405	1325	NA	NA

<u>Radeon HD 7600G + 7500M/7600M Dual</u>	Passmark G3D Mark <i>(higher is better)</i>	1324 Rank <i>(lower is better)</i>	Videocard Value <i>(higher is better)</i>	NA Price <i>(USD) ...</i>
Videocard Name				
<u>Radeon HD 8610G</u>	403	1328	NA	NA
<u>Mobility Radeon HD 4650</u>	401	1329	NA	NA
<u>FirePro M2000</u>	400	1330	NA	NA

<u>GeForce 8800 GS</u>	398	1332	NA	NA
<u>GeForce GT 420</u>	398	1331	2.57	\$155.00*
<u>GeForce 810M</u>	397	1333	NA	NA
<u>Radeon HD 8500M</u>	393	1334	NA	NA
<u>GeForce GT 330</u>	391	1335	9.78	\$39.99*
<u>GeForce GT 335M</u>	391	1336	NA	NA
<u>Incredible HD</u>	389	1338	NA	NA
<u>Radeon HD 7600G + 7450M Dual</u>	389	1337	NA	NA
Videocard Name	Passmark G3D Mark <i>(higher is better)</i>	Rank <i>(lower is better)</i>	Videocard Value <i>(higher is better)</i>	Price <i>(USD)</i>
<u>Radeon R5 M230</u>	389	1339	NA	NA
<u>GeForce 7900 GTX</u>	387	1340	NA	NA
<u>Quadro FX 3700</u>	387	1341	1.37	\$282.87*
<u>Intel HD 5300</u>	386	1342	NA	NA
<u>Radeon HD 5550</u>	383	1343	6.98	\$54.99*
<u>GeForce 8800M GTS</u>	382	1344	NA	NA
<u>Radeon HD 4670</u>	379	1345	1.91	\$199.00
<u>GeForce 9800M GTS</u>	378	1346	NA	NA
<u>Radeon HD 6490M</u>	377	1347	0.32	\$1,193.03*
<u>GeForce GT 130</u>	376	1350	2.49	\$151.34*
<u>Quadro FX 2700M</u>	376	1351	3.76	\$99.95*
<u>Radeon HD 7520G + 8750M Dual</u>	376	1348	NA	NA
<u>Radeon HD 7600G + 6400M Dual</u>	376	1349	NA	NA
<u>PHDGD Ivy 4</u>	374	1352	NA	NA
<u>Radeon HD 8570D + HD8490 Dual</u>	374	1353	NA	NA
<u>Intel UHD 605</u>	371	1355	NA	NA
<u>Radeon HD 8510G</u>	371	1354	NA	NA
<u>GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT</u>	368	1356	NA	NA
<u>Matrox Millennium P690 PCIe x16</u>	366	1357	NA	NA
<u>Mobility Radeon HD 3850</u>	365	1359	NA	NA
<u>Radeon HD4670</u>	365	1358	NA	NA
<u>Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D</u>	364	1360	NA	NA
<u>Radeon HD 7660G + HD 8600M Dual</u>	363	1362	NA	NA
<u>Radeon HD 8470D</u>	363	1361	NA	NA
<u>Radeon HD 6620G</u>	358	1363	NA	NA
<u>GeForce GT 620</u>	356	1364	8.93	\$39.99*
<u>Radeon HD 7500G + HD 7500M/7600M Dual</u>	355	1365	NA	NA

<u>Radeon HD 7620G</u> Videocard Name	Passmark G3D Mark (higher is better)	Rank 1366 (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Mobility Radeon HD 565v</u>	353	1368	NA	NA
<u>Radeon HD 6480M</u>	353	1367	NA	NA
<u>Intel HD 505</u>	351	1370	NA	NA
<u>Radeon HD 8450G</u>	351	1371	NA	NA
<u>Radeon HD 7580D</u>	350	1372	NA	NA
<u>GeForce GT 705</u>	349	1373	NA	NA
<u>GeForce 9600 GSO 512</u>	345	1374	NA	NA
<u>GeForce 7950 GT</u>	344	1375	1.74	\$198.00*
<u>FireGL V5600</u>	341	1377	NA	NA
<u>FirePro 3D V3750</u>	341	1376	6.71	\$50.88*
<u>Radeon HD 8310E</u>	340	1378	NA	NA
<u>Radeon HD 7660D + HD 7400 Dual</u>	339	1379	NA	NA
<u>Radeon HD 8400E</u>	339	1380	NA	NA
<u>Qualcomm Adreno 680 GPU</u>	338	1382	NA	NA
<u>Radeon HD 8570D + HD 8470 Dual</u>	338	1381	NA	NA
<u>FirePro RG220</u>	335	1383	0.52	\$650.18*
<u>Intel HD 4000</u>	332	1384	0.21	\$1,592.95*
<u>Intel UHD 600</u>	331	1386	NA	NA
<u>Radeon R5 310</u>	331	1385	0.66	\$499.00*
<u>Radeon HD 7500G</u>	330	1388	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7540D</u>	330	1389	NA	NA
<u>Radeon R4</u>	330	1387	0.83	\$396.99*
<u>GeForce 9600 GS</u>	329	1390	NA	NA
<u>Radeon HD 7450M</u>	329	1391	NA	NA
<u>Radeon HD 7600G + HD 7400M Dual</u>	328	1392	NA	NA
<u>GeForce 9700M GTS</u>	325	1393	NA	NA
<u>GeForce GT 120 / 9500 GT</u>	324	1394	NA	NA
<u>GeForce GT 625</u>	323	1395	NA	NA
<u>Radeon E6460</u>	323	1396	NA	NA
<u>Radeon HD 7600G</u>	323	1397	NA	NA
<u>FirePro V3800</u>	322	1398	2.58	\$125.00
<u>RADEON HD6370D</u>	320	1399	NA	NA
<u>GeForce 240M GT</u>	319	1400	NA	NA
<u>Radeon HD 8280</u>	319	1401	NA	NA
<u>GeForce GT 415M</u>	318	1402	NA	NA
<u>Mobility Radeon HD 560v</u>	318	1403	NA	NA
<u>Radeon HD 6530D</u>	316	1404	NA	NA
<u>Radeon HD 7470</u>	316	1405	3.89	\$81.37*
<u>Quadro FX 3500</u>	315	1407	4.57	\$68.98*
<u>Radeon HD 7520G</u>	315	1406	NA	NA

GeForce GT 230	Passmark G3D Mark	1408 Rank	Videocard Value	\$43.99* Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
Radeon HD 5450	312	1407	NA	NA
GeForce 605	309	1411	2.26	\$136.83*
Quadro FX 3500M	306	1412	3.06	\$99.99*
Radeon R3	305	1413	NA	NA
Radeon R5 230	304	1414	NA	NA
Radeon R5 235	302	1415	5.02	\$60.13*
Radeon R1E	301	1416	NA	NA
GeForce GT 610	300	1417	1.31	\$229.99
Radeon HD 7400G	300	1418	NA	NA
Intel HD 500	299	1419	NA	NA
GeForce GT 520	295	1422	0.99	\$299.00
GeForce GT 520MX	295	1421	NA	NA
Radeon R5 235X	295	1420	NA	NA
Intel HD P3000	294	1423	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1425	NA	NA
GRID K120Q	293	1424	NA	NA
NVS 315	292	1427	4.57	\$64.00
Radeon HD 2900 GT	292	1428	NA	NA
Radeon HD 8370D	292	1426	NA	NA
GeForce 7900 GS	291	1429	NA	NA
Incredible HD 3000	291	-1	NA	NA
GeForce 7800 GTX	290	1430	NA	NA
GeForce 610M	288	1431	NA	NA
Radeon HD 7450A	288	1432	NA	NA
GeForce 7950 Xtreme	287	1434	NA	NA
Radeon HD 7480D	287	1433	NA	NA
Mobile Intel HD	284	1435	0.59	\$479.98*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 5165	284	1437	NA	NA
Radeon HD 7420G	284	1436	NA	NA
Radeon HD 2600 XT	282	1438	1.78	\$159.00*
GeForce GT 520M	279	1439	9.32	\$29.95*
Radeon HD 6370M	275	1440	NA	NA
Radeon HD 8490	273	1441	3.04	\$89.99
GeForce 9650M GS	270	1443	NA	NA
GeForce Go 7900 GTX	270	1442	NA	NA
Radeon HD 6370D	269	1445	NA	NA
Radeon HD 8280G	269	1444	NA	NA
Radeon HD 5470	268	1446	NA	NA
Mobility Radeon HD 550v	266	1447	NA	NA
GeForce GT 120M	265	1448	NA	NA

Qualcomm Adreno 630 GPU	Passmark G3D Mark <small>(higher is better)</small>	1449 Rank <small>(lower is better)</small>	Videocard Value <small>(higher is better)</small>	NA Price <small>(USD)</small>
Videocard Name				
Radeon HD 8280E	260	1452	NA	NA
GeForce 7900 GT	258	1454	1.30	\$199.00
Radeon HD 8470	258	1453	NA	NA
Intel HD 3000	257	1455	0.27	\$945.00*
Quadro NVS 510M	253	1456	NA	NA
Radeon HD 8400	253	1457	NA	NA
GeForce 510	252	1458	3.61	\$69.99*
NVS 4200M	252	1459	0.63	\$399.00*
Radeon HD 8330	251	1460	NA	NA
Radeon HD 6480G	250	1461	NA	NA
Radeon HD 7640G + 8600M Dual	249	1462	NA	NA
GeForce 7900 GT/GTO	247	1464	NA	NA
GeForce GT 415	247	1463	NA	NA
CARRIZO 9874	246	-1	NA	NA
GeForce 410M	246	1465	NA	NA
GeForce 7800 GT	244	1466	3.05	\$80.00*
Quadro FX 5500	242	1467	0.12	\$1,999.00*
Radeon HD 8240	241	1468	NA	NA
Quadro FX 4500	240	1469	1.42	\$169.00*
Radeon HD 8330E	240	1470	NA	NA
Radeon HD4650	239	1471	1.23	\$195.84
Radeon R2	239	1472	NA	NA
Radeon HD 7640G + R5 M230 Dual	238	-1	NA	NA
NVS 310	237	1473	3.44	\$69.00
Mobility Radeon HD 5470	236	1474	NA	NA
Quadro FX 4500 X2	236	1475	NA	NA
Radeon HD 4550	235	1476	1.86	\$126.99*
Mobility Radeon HD 3670	232	1477	NA	NA
Radeon R2E	229	1478	NA	NA
Radeon HD 7450	228	1479	4.58	\$49.99*
Quadro FX 880M	226	1480	NA	NA
Quadro NVS 290	225	1481	3.82	\$59.00*
GT 430	223	1482	1.56	\$142.88*
Videocard Name	Passmark G3D Mark <small>(higher is better)</small>	Rank <small>(lower is better)</small>	Videocard Value <small>(higher is better)</small>	Price <small>(USD)</small>
Radeon HD 6470M	223	1483	0.39	\$569.99*
Radeon HD 6410D	221	1485	NA	NA
Radeon HD 7340M	221	1486	NA	NA
Radeon R5 230	221	1484	2.74	\$81.10*
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1488	NA	NA
HD6450	220	1487	3.45	\$63.99

<u>Video Card Name</u>	<u>Passmark G3D Mark</u> <small>(higher is better)</small>	<u>Rank</u> <small>(lower is better)</small>	<u>Video Card Value</u> <small>(higher is better)</small>	<u>Price (USD)</u>
<u>Mobility FireGL V5725</u>	217	1491	12.45	\$17.50*
<u>Quadro FX 2500M</u>	216	1492	NA	NA
<u>GeForce 9700M GT</u>	216	1493	NA	NA
<u>Radeon HD 6320 Graphic</u>	215	1494	NA	NA
<u>Mobility Radeon. HD 5470</u>				
<u>GeForce GT 330M</u>	214	1495	NA	NA
<u>Mobility Radeon HD 5450</u>	214	1496	NA	NA
<u>Intel HD 2000</u>	213	1497	NA	NA
<u>Intel 2nd Generation SandyBridge HD</u>	212	1498	NA	NA
<u>Radeon HD 2600 PRO</u>	211	1500	1.12	\$188.44*
<u>WinFast GT 610</u>	211	1499	NA	NA
<u>GeForce Go 7600 GT</u>	210	1501	NA	NA
<u>GeForce Go 7800 GTX</u>	209	1502	NA	NA
<u>GeForce GT 240M</u>	208	1503	NA	NA
<u>Radeon HD 4650 AGP</u>	207	1504	NA	NA
<u>Barco MXRT 1450</u>	205	1506	NA	NA
<u>GeForce GT 220</u>	205	1508	5.13	\$39.99*
<u>Intel 2nd Generation SandyBridge HD 3000</u>	205	1507	NA	NA
<u>Radeon R3E</u>	205	1505	NA	NA
<u>Radeon HD 6380G</u>	204	1509	0.51	\$399.99*
<u>GeForce 7600 GT</u>	203	1510	1.02	\$199.00*
<u>Radeon HD 8250</u>	203	1511	NA	NA
<u>GeForce 320M</u>	202	1512	NA	NA
<u>GeForce 7950 GX2</u>	201	1513	3.67	\$54.99*
<u>GeForce G200</u>	199	1514	NA	NA
<u>GeForce GT 230M</u>	199	1517	NA	NA
<u>Mobility Radeon HD 545v</u>	199	1515	NA	NA
<u>Radeon HD 6450</u>	199	1516	2.24	\$89.00
<u>RADEON HD7450</u>	199	1518	8.95	\$22.25*
<u>Radeon HD 6320M</u>	198	1519	NA	NA
<u>Quadro FX 770M</u>	197	1520	0.38	\$527.00*
<u>NVS 5100M</u>	196	1521	NA	NA
<u>Radeon HD 7340G</u>	196	1523	NA	NA
<u>Radeon HD 8210</u>	196	1522	NA	NA
<u>GeForce 6800 GS</u>	195	1524	NA	NA
<u>Intel Infoshock HD</u>	193	1525	NA	NA
<u>Radeon HD 7350</u>	193	1527	NA	NA
<u>Radeon HD 8210E</u>	193	1526	NA	NA
<u>Radeon HD 6430M</u>	192	1528	NA	NA
<u>Mobility Radeon HD 2600 XT</u>	191	1529	NA	NA
<u>Mobility Radeon HD 4550</u>	191	1530	NA	NA
<u>GeForce 305M</u>	190	1532	NA	NA

Videocard Name Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD) (US\$)
Mobility Radeon HD 540v	188	1533	NA	NA
GeForce 505	186	1534	1.62	\$115.06*
Intel Q35 Express	185	1535	NA	NA
Quadro FX 1600M	185	1537	1.24	\$149.90*
Quadro FX 380	185	1536	2.56	\$72.50*
GeForce GT 120	182	1538	6.07	\$29.99*
Mobility Radeon HD 5430	181	1539	NA	NA
Barco MXRT 7100	180	1542	NA	NA
Quadro FX 1700M	180	1541	NA	NA
Radeon HD 7310G	180	1540	NA	NA
FireGL V3600	179	1543	1.12	\$160.99*
Radeon HD 6230	179	1544	NA	NA
FirePro 3D V3700	178	1545	2.10	\$84.99*
GeForce 7800 GS	177	1546	NA	NA
GeForce Go 7900 GS	176	1547	NA	NA
Quadro FX 1500	175	1548	1.52	\$115.01*
Mobility Radeon HD 530v	174	1549	NA	NA
Radeon HD 7310 - Carte graphique	174	1550	NA	NA
Quadro FX 1500M	171	1551	NA	NA
FirePro 2460	170	1553	2.03	\$83.99*
GeForce GT 325M	170	1554	NA	NA
Radeon HDG 4670	170	1552	NA	NA
Mobility Radeon HD 2600	167	1555	NA	NA
GeForce 7600 GS	166	1556	0.95	\$175.00*
Radeon HD 7310M	166	1558	NA	NA
Radeon HD 8350	166	1557	2.52	\$65.99*
Intel HD manual-gen9 2015-133271	165	1559	NA	NA
Radeon E6465	164	1560	NA	NA
GeForce 315	163	1562	4.95	\$32.99*
VIA/S3G C-645/640 GPU	163	1561	NA	NA
Quadro NVS 320M	159	1563	NA	NA
Radeon HD 7340	159	1564	0.29	\$552.69*
GeForce 8600 GTS	157	1565	0.88	\$179.00
GeForce 9500 GS	157	1566	NA	NA
GeForce 9200M GE	156	1567	NA	NA
Radeon HD 4300/4500 Serisi	155	1568	NA	NA
FirePro 2270	154	1569	1.20	\$129.00
GeForce 8200	153	1570	NA	NA
GeForce GT 130M	152	1571	NA	NA
Radeon HD 8180	152	1572	NA	NA
Radeon X1950 CrossFire Edition	151	1573	NA	NA
Quadro 400	150	1575	0.62	\$242.50*

<u>Radeon HD 6650 AGP</u>	Passmark G3D Mark 150 (higher is better)	Rank 1579 (lower is better)	Videocard Value 0.81 (higher is better)	Price \$135.00 (USD)
<u>Mobility Radeon HD 4350</u>	148	1579	NA	NA
<u>Quadro FX 3450</u>	148	1577	<u>1.24</u>	<u>\$119.99*</u>
<u>Radeon HD 6320</u>	148	1578	<u>0.27</u>	<u>\$554.99*</u>
<u>GeForce Go 7700</u>	147	1580	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>ZX Chrome 645/640 GPU</u>	147	1581	NA	NA
<u>GeForce G100</u>	146	1583	<u>7.32</u>	<u>\$19.99*</u>
<u>Radeon HD 6300M</u>	146	1582	NA	NA
<u>GeForce 9650M GT</u>	145	1585	<u>1.24</u>	<u>\$117.30*</u>
<u>Radeon X1900 GT</u>	145	1584	NA	NA
<u>GeForce 9200</u>	144	1586	NA	NA
<u>S3 5400EW</u>	144	1587	NA	NA
<u>GeForce 6800 GT</u>	142	1588	NA	NA
<u>Quadro FX 580</u>	142	1589	<u>1.09</u>	<u>\$130.00*</u>
<u>EG PARK</u>	141	-1	NA	NA
<u>Intel Q45/Q43 Express Chipset</u>	141	1590	NA	NA
<u>nForce 760i SLI</u>	140	1595	NA	NA
<u>Radeon HD 4290</u>	140	1592	NA	NA
<u>Radeon HD 6290M</u>	140	1594	NA	NA
<u>RADEON HD 6350</u>	140	1591	<u>2.01</u>	<u>\$69.93*</u>
<u>Radeon X1800 GTO</u>	140	1593	NA	NA
<u>Intel Haswell HD - GT2</u>	139	1596	NA	NA
<u>NVS 2100M</u>	139	1597	NA	NA
<u>GeForce 6800 Ultra</u>	138	1598	NA	NA
<u>GeForce 7300 GT</u>	137	1600	<u>0.92</u>	<u>\$149.99*</u>
<u>GeForce Go 6800 Ultra</u>	137	1601	NA	NA
<u>Quadro FX 380 LP</u>	137	1602	NA	NA
<u>Radeon HD 5450</u>	137	1599	<u>2.11</u>	<u>\$65.39</u>
<u>Radeon X1900 CrossFire Edition</u>	137	1603	NA	NA
<u>GeForce 6800 XT</u>	135	1605	NA	NA
<u>Mobility Radeon HD 4330</u>	135	1604	NA	NA
<u>EAH5450</u>	134	1611	<u>1.22</u>	<u>\$109.99*</u>
<u>GeForce 7650 GS</u>	134	1612	NA	NA
<u>GeForce 9500 GT</u>	134	1607	<u>1.57</u>	<u>\$85.99*</u>
<u>GeForce 9800 GT 1024MB</u>	134	1610	NA	NA
<u>Mobility Radeon X1900</u>	134	1606	NA	NA
<u>Quadro FX 3450/4000 SDI</u>	134	1609	NA	NA
<u>Radeon R5 220</u>	134	1608	<u>1.58</u>	<u>\$85.26*</u>
<u>Mobility Radeon HD 4570</u>	133	1613	<u>1.75</u>	<u>\$75.90*</u>
<u>GeForce 9600M GT</u>	131	1614	<u>1.68</u>	<u>\$78.20*</u>
<u>MOBILITY RADEON X1800</u>	130	1615	NA	NA

<u>RADEON X800 SE</u>	Passmark G3D Mark	1616 Rank	Videocard Value	NA Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>GeForce 9300 / nForce 730i</u>	128	1617	NA	NA
<u>Radeon HD 7310</u>	128	1618	NA	NA
<u>All-in-Wonder X1900</u>	127	1622	NA	NA

<u>GeForce Go 7600</u>	127	1621	NA	NA
<u>Mobility Radeon HD 3650</u>	127	1623	1.73	\$73.53*
<u>GeForce 205</u>	126	1626	NA	NA
<u>GeForce 9300</u>	126	1624	2.15	\$59.00*
<u>Radeon HD 3300</u>	126	1625	NA	NA
<u>GeForce 8700M GT</u>	125	1627	NA	NA
<u>GeForce G210M</u>	124	1628	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>M76M</u>	124	1630	NA	NA
<u>Quadro FX 1400</u>	124	1631	0.51	\$245.01*
<u>Quadro FX 380M</u>	124	1632	NA	NA
<u>Seria Mobility Radeon HD 3400</u>	124	1629	NA	NA
<u>Intel Haswell HD - GT1</u>	123	1635	NA	NA
<u>Matrox G200e WDDM 2.0</u>	123	1633	NA	NA
<u>Radeon HD 6310</u>	123	1636	NA	NA
<u>Radeon HD 7290M</u>	123	1634	NA	NA
<u>GeForce 310</u>	122	1638	1.13	\$108.35*
<u>Quadro FX 570M</u>	122	1639	NA	NA
<u>Radeon HD 4250</u>	122	1637	NA	NA
<u>GeForce 405</u>	121	1640	4.95	\$24.64*
<u>GeForce 9500M G</u>	121	1642	NA	NA
<u>GeForce GT 220M</u>	121	1643	NA	NA
<u>Qualcomm Adreno 618 GPU</u>	121	1641	NA	NA
<u>Extreme AX850 PRO</u>	120	1645	NA	NA
<u>Radeon HD 2400</u>	120	1644	1.62	\$74.44
<u>Quadro FX 1700</u>	119	1646	0.92	\$129.00*
<u>GeForce 315M</u>	118	1650	NA	NA
<u>GeForce 9600M GS</u>	118	1647	NA	NA
<u>Radeon HD 2400 XT</u>	118	1648	NA	NA
<u>RV530 PRO</u>	118	1649	NA	NA
<u>FireMV 2260</u>	117	1653	0.81	\$145.00
<u>GeForce 8600 GT</u>	117	1651	0.74	\$159.00
<u>Mobile Intel 45 Express-Chipsatzfamilie</u>	117	1654	NA	NA
<u>Qualcomm Adreno 540 GPU</u>	117	1652	NA	NA
<u>FireGL V7200</u>	116	1657	NA	NA
<u>PHDGD Quantic C3</u>	116	1655	NA	NA
<u>Radeon X1700 Targa Edition</u>	116	1656	NA	NA

<u>NVS 3100M</u>	Passmark G3D Mark	1659 Rank	Videocard Value	NA Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>Radeon X1600 XT</u>	115	1658	NA	NA
<u>FireGL V5200</u>	114	1663	NA	NA
<u>GeForce Go 7800</u>	114	1662	NA	NA

<u>Radeon HD 2400 Pro</u>	114	1664	NA	NA
<u>NVS 300</u>	113	1666	1.80	\$63.00
<u>Quadro FX 560</u>	113	1665	0.76	\$150.25*
<u>FirePro 2260</u>	112	1669	NA	NA
<u>GeForce 310M</u>	112	1668	NA	NA
<u>GeForce 6800</u>	112	1670	0.20	\$559.29*
<u>Intel HD Modded</u>	112	1672	NA	NA
<u>Radeon X1950 Pro</u>	112	1667	NA	NA
<u>Sapphire RADEON X800 GT</u>	112	1671	NA	NA
<u>GeForce G105M</u>	111	1675	NA	NA
<u>Mobility Radeon HD 3400 Serisi</u>	111	1674	NA	NA
<u>Radeon HD 4200</u>	111	1673	NA	NA
<u>FireGL V7350</u>	110	1676	0.67	\$165.00
<u>GeForce 6600 GT</u>	110	1677	1.71	\$64.95*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 2600 Pro AGP</u>	110	1679	NA	NA
<u>Radeon HD 6290</u>	110	1678	NA	NA
<u>GeForce 6800 LE</u>	109	1682	NA	NA
<u>Radeon HD 4270</u>	109	1680	NA	NA
<u>Radeon HD 4330</u>	109	1683	NA	NA
<u>VIA/S3G Chrome 645/640 GPU</u>	109	1684	NA	NA
<u>XFx Radeon HD 4650 AGP</u>	109	1681	NA	NA
<u>Quadro FX 370 LP</u>	108	1685	NA	NA
<u>GeForce 8500 GT</u>	106	1688	NA	NA
<u>GeForce Go 6800</u>	106	1690	NA	NA
<u>GeForce GT 320M</u>	106	1686	NA	NA
<u>Radeon Infoshock 3000</u>	106	1687	NA	NA
<u>Radeon X1950 GT</u>	106	1689	NA	NA
<u>GeForce9400M</u>	105	1691	NA	NA
<u>GeForce 9450</u>	104	1692	NA	NA
<u>Intel G33/G31 Express</u>	104	1695	NA	NA
<u>M880G with Mobility Radeon HD 4250</u>	104	1696	NA	NA
<u>Mobility Radeon X1700</u>	104	1693	NA	NA
<u>Quadro FX 3400/4400</u>	104	1694	NA	NA
<u>FireGL V3400</u>	103	1700	NA	NA
<u>GeForce 9500M</u>	103	1699	1.02	\$101.20*
<u>GeForce 9500M GS</u>	103	1698	NA	NA

<u>GeForce G210</u>	Passmark G3D Mark	1697 Rank	Videocard Value	\$122.12* Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>Quadro FX 370 Low Profile</u>	102	1701	NA	NA
<u>Radeon HD 4350</u>	102	1703	1.00	\$102.24
<u>Quadro FX 4000</u>	101	1706	NA	NA

<u>Quadro FX Go1400</u>	101	1705	NA	NA
<u>GeForce 9200M GS</u>	99	1707	NA	NA
<u>GeForce 8400M GS</u>	98	1712	1.25	\$78.20*
<u>Mobility Radeon HD 3430</u>	98	1711	NA	NA
<u>Mobility Radeon HD 4250</u>	98	1709	NA	NA
<u>Radeon 3000</u>	98	1710	0.31	\$319.00*
<u>Radeon X1600 Pro</u>	98	1708	NA	NA
<u>GeForce 210</u>	97	1717	1.70	\$56.98
<u>GeForce 9300GE</u>	97	1714	1.01	\$97.20*
<u>ION LE</u>	97	1713	NA	NA
<u>Quadro NVS 130M</u>	97	1716	NA	NA
<u>RADEON X800 XT</u>	97	1715	NA	NA
<u>Mobility Radeon HD serie 4200</u>	96	1718	NA	NA
<u>Radeon HD 3450</u>	96	1719	1.08	\$89.00
<u>GeForce 6700 XL</u>	95	1722	NA	NA
<u>Intel Media Accelerator HD</u>	95	1720	NA	NA
<u>Radeon HD 3000</u>	95	1721	NA	NA
<u>Matrox G200eW3 WDDM 2.0</u>	94	1725	NA	NA
<u>MEDION RADEON X740XL</u>	94	1723	NA	NA
<u>Radeon HD 6250</u>	94	1724	NA	NA
<u>GeForce 8600 GS</u>	93	1729	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce G102M</u>	93	1727	NA	NA
<u>Mobility Radeon HD 3470</u>	93	1728	NA	NA
<u>Mobility Radeon HD 3470 Hybrid X2</u>	93	1726	NA	NA
<u>Quadro FX 370M</u>	93	1730	NA	NA
<u>FireGL V5100</u>	92	1733	0.81	\$114.96*
<u>M880G with Mobility Radeon HD 4200</u>	92	1732	NA	NA
<u>Mobility Radeon HD 4270</u>	92	1731	NA	NA
<u>Mobility Radeon X1600</u>	92	1735	NA	NA
<u>nForce 780a SLI</u>	92	1736	NA	NA
<u>Quadro NVS 150M</u>	92	1734	NA	NA
<u>GeForce 8300</u>	91	1739	4.04	\$22.68*
<u>GeForce G205M</u>	91	1738	NA	NA
<u>Mobility Radeon HD 3450</u>	91	1740	NA	NA
<u>RADEON X600XT</u>	91	1737	NA	NA
<u>GeForce 9300M GS</u>	90	1742	2.09	\$43.42*

GeForce 9400 GT	Passmark G3D Mark	1743 Rank	Videocard Value	\$155.00 Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
Mobility Radeon HD 2400	89	1745	NA	NA
Radeon HD 3470	89	1744	1.49	\$60.38*
GeForce 6610 XL	88	1747	NA	NA

GeForce 6600	87	1748	0.34	\$259.00
GeForce 9400M	87	1749	NA	NA
GeForce 9400	86	1751	NA	NA
Quadro FX 360M	86	1750	NA	NA
Quadro FX 350	85	1752	NA	NA
ALL-IN-WONDER X800 GT	84	1756	NA	NA
FireGL V3200	84	1753	NA	NA
GeForce 8600M GT	84	1759	0.78	\$108.10
GeForce 9300M G	84	1755	NA	NA
Radeon X1300 PRO	84	1757	NA	NA
Radeon X1650 Pro	84	1754	0.53	\$160.89*
RADEON X800 GT	84	1758	NA	NA
GeForce 999 GTX	83	1760	NA	NA
nForce 750a SLI	83	1762	NA	NA
Quadro FX 370	83	1761	0.67	\$125.00*
Radeon HD 3200	82	1763	NA	NA
GeForce 8400	81	1770	0.14	\$589.99*
GeForce 9100	81	1764	NA	NA
GeForce 9300 SE	81	1768	NA	NA
MOBILITY FireGL V5000	81	1767	NA	NA
Mobility Radeon 4100	81	1772	NA	NA
Mobility Radeon X2500	81	1766	NA	NA
nForce 980a/780a SLI	81	1769	NA	NA
RADEON X800 XT Platinum Edition	81	1771	NA	NA
RADEON X850 XT	81	1773	NA	NA
RADEON X850 XT Platinum Edition	81	1765	NA	NA
Quadro FX 540	80	1774	1.35	\$59.99*
Quadro NVS 420	80	1775	0.54	\$150.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7300 GS	79	1776	NA	NA
GeForce 8100 / nForce 720a	79	1778	NA	NA
RADEON X800GT	79	1777	NA	NA
GeForce 9100M G	78	1779	NA	NA
GeForce 8600M GS	77	1780	NA	NA
Quadro NVS 160M	76	1783	NA	NA
Radeon HD 2350	76	1782	NA	NA
RADEON X800 GTO	76	1781	NA	NA

<u>M860G with Mobility Radeon 4100</u>	Passmark G3D Mark	1786 Rank	Videocard Value	NA Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>MOBILITY RADEON X700</u>	74	1788	NA	NA
<u>GeForce 7350 LE</u>	74	1787	NA	NA
<u>Radeon X1650 GTO</u>	74	1787	NA	NA
<u>FireMV 2450</u>	73	1789	NA	NA

<u>Intel G41 Express Chipset</u>	73	1791	NA	NA
<u>Mobility Radeon HD 4300 Serisi</u>	73	1793	NA	NA
<u>Radeon 3100</u>	73	1790	0.32	\$229.99
<u>RADEON X800 PRO/GTO</u>	73	1792	NA	NA
<u>RADEON X700</u>	72	1795	NA	NA
<u>RADEON X850 PRO</u>	72	1794	NA	NA
<u>FireGL V7100</u>	71	1796	NA	NA
<u>GeForce 8200M G</u>	71	1797	NA	NA
<u>GeForce 9300 GS</u>	71	1801	1.19	\$59.95*
<u>M880G with Mobility Radeon HD 4225</u>	71	1799	NA	NA
<u>MEDION RADEON 9800 XXL</u>	71	1798	NA	NA
<u>Radeon X1650 SE</u>	71	1802	NA	NA
<u>RADEON X700 SE</u>	71	1800	NA	NA
<u>Diamond X1300-PCIE 256MB</u>	70	1805	NA	NA
<u>FireGL V3300</u>	70	1804	NA	NA
<u>Radeon X550XTX</u>	70	1803	NA	NA
<u>BASICDISPLAY</u>	69	1806	NA	NA
<u>GeForce 9300 GE</u>	69	1810	3.02	\$22.99*
<u>GeForce 9400M G</u>	69	1807	NA	NA
<u>GeForce Go 6600</u>	69	1808	NA	NA
<u>Quadro FX 3000</u>	69	1812	0.41	\$166.61*
<u>Quadro NVS 140M</u>	69	1813	NA	NA
<u>Radeon X1600 Pro / X1300XT</u>	69	1811	NA	NA
<u>RADEON X800 XL</u>	69	1809	NA	NA
<u>FireGL V3350</u>	68	1814	NA	NA
<u>GeForce 8400 SE</u>	68	1816	NA	NA
<u>Intel B43 Express Chipset</u>	68	1815	NA	NA
<u>256MB RADEON X600</u>	67	1820	NA	NA
<u>GeForce G 105M</u>	67	1819	NA	NA
<u>Intel G45/G43/G41 Express Chipset</u>	67	1817	NA	NA
<u>Matrox G200eR WDDM 2.0</u>	67	1818	NA	NA
<u>128MB DDR Radeon 9800 Pro</u>	66	1827	NA	NA
<u>GeForce 8300 GS</u>	66	1823	NA	NA
<u>Intel G45/G43 Express Chipset</u>	66	1821	NA	NA
<u>Mobility Radeon HD 4225</u>	66	1826	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>MOBILITY RADEON X700</u>	66	1822	NA	NA

<u>Quadro NVS 135M</u>	<u>Passmark G3D Mark</u>	<u>1824 Rank</u>	<u>VideoCard Value</u>	<u>NA Price</u>
Videocard Name	(higher is	(lower is	(higher is	(USD)
GeForce 7300 LE	65	1829	NA	NA
GeForce Go 7400	65	1829	NA	NA
Quadro NVS 450	65	1830	0.41	\$159.00*
M71-M	64	1832	NA	NA

<u>Mobile Intel 965 Express</u>	64	1833	NA	NA
<u>RADEON X800 PRO</u>	64	1831	NA	NA
<u>GeForce 8400M GT</u>	63	1834	NA	NA
<u>Quadro FX 550</u>	63	1835	0.25	\$259.51
<u>128 DDR Radeon 9800 Pro</u>	62	1839	NA	NA
<u>Intel HD manual-15.28-1861</u>	62	1837	NA	NA
<u>MOBILITY FireGL V3200</u>	62	1838	NA	NA
<u>Mobility Radeon HD 3410</u>	62	1836	NA	NA
<u>GeForce G 103M</u>	61	1840	NA	NA
<u>SAPPHIRE Radeon X1550</u>	61	1841	NA	NA
<u>FireGL X1</u>	59	1847	NA	NA
<u>GeForce FX 5950 Ultra</u>	59	1846	NA	NA
<u>Matrox G200e WDDM 1.2</u>	59	1845	NA	NA
<u>MOBILITY RADEON X700 XL</u>	59	1842	NA	NA
<u>Radeon 2100</u>	59	1843	0.30	\$199.99
<u>RADEON 9800 PRO</u>	59	1844	NA	NA
<u>GeForce 6800 XE</u>	58	1848	NA	NA
<u>GeForce 8400M G</u>	58	1849	NA	NA
<u>Radeon X1300</u>	58	1850	0.44	\$132.98*
<u>Intel - Express Chipset Q45/Q43</u>	57	1851	NA	NA
<u>Intel G41 Express-Chipsatz</u>	57	1853	NA	NA
<u>Intel Q45/Q43 Express-Chipsatz</u>	57	1854	NA	NA
<u>RADEON 9800</u>	57	1852	0.18	\$325.00
<u>Intel - Express Chipset G41</u>	56	1856	NA	NA
<u>RADEON 9800 XT</u>	56	1855	NA	NA
<u>RADEON X550XT</u>	56	1858	NA	NA
<u>RADEON X600 256MB HyperMemory</u>	56	1857	NA	NA
<u>GeForce 7300 LE</u>	55	1859	1.74	\$32.00*
<u>RADEON 9700 PRO</u>	53	1860	NA	NA
<u>FireGL V3100</u>	52	1861	NA	NA
<u>GeForce 7300 SE/7200 GS</u>	52	1862	NA	NA
<u>GeForce Go 7300</u>	52	1864	NA	NA
<u>Radeon Xpress 1300</u>	52	1863	NA	NA
<u>FirePro 2450</u>	51	1871	0.18	\$278.00*
<u>GeForce 6600 LE</u>	51	1869	NA	NA
<u>GeForce 7100 GS</u>	51	1866	NA	NA
<u>GeForce FX Go5700</u>	51	1868	NA	NA
<u>Matrox G200eh WDDM 1.2</u>	51	1865	NA	NA

<u>Video Card Model Name</u>	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Mobile Intel 4 Express</u>	NA	NA	NA	NA
<u>Matrox G200eW WDDM 1.2</u>	50	1875	NA	NA
<u>Mobility Radeon HD 2300</u>	50	1873	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>MOBILITY RADEON X600</u>	50	1874	NA	NA
<u>RADEON X550</u>	50	1872	NA	NA
<u>128MB RADEON X600 SE</u>	49	1879	0.87	\$56.18*
<u>MOBILITY RADEON X600 SE</u>	49	1877	NA	NA
<u>Radeon X1050</u>	49	1878	NA	NA
<u>Radeon X1600</u>	49	1876	NA	NA
<u>Mobility Radeon X2300</u>	48	1881	NA	NA
<u>Mobility Radeon X2300 HD</u>	48	1880	NA	NA
<u>Quadro NVS 110M</u>	47	1883	NA	NA
<u>Radeon X1550 64-bit</u>	47	1882	NA	NA
<u>SAPPHIRE RADEON 9600 ATLANTIS</u>	47	1884	NA	NA
<u>MOBILITY RADEON 9800</u>	46	1886	NA	NA
<u>Quadro NVS 120M</u>	46	1885	NA	NA
<u>FireMV 2250</u>	45	1887	0.46	\$99.00
<u>GeForce 6200 TurboCache</u>	45	1888	NA	NA
<u>GeForce Go 7200</u>	45	1890	NA	NA
<u>Matrox G200eh WDDM 2.0</u>	45	1891	NA	NA
<u>Matrox G200eR WDDM 1.2</u>	45	1889	NA	NA
<u>128 DDR Radeon 9700 TX w/TV-Out</u>	44	1897	NA	NA
<u>GeForce Go 6600 TE/6200 TE</u>	44	1893	NA	NA
<u>Mobile Intel 4 Express-Chipsatzfamilie</u>	44	1896	NA	NA
<u>Mobile Intel serie 4 Express</u>	44	1895	NA	NA
<u>MOBILITY FireGL V5200</u>	44	1892	NA	NA
<u>Quadro FX 350M</u>	44	1894	NA	NA
<u>Matrox M9138 LP PCIe x16</u>	42	1901	NA	NA
<u>Mobility Radeon X1400</u>	42	1898	NA	NA
<u>RADEON 9600 PRO</u>	42	1899	NA	NA
<u>Radeon Xpress 1250</u>	42	1900	NA	NA
<u>GeForce FX 5900 Ultra</u>	41	1903	NA	NA
<u>RADEON 9500 PRO / 9700</u>	41	1902	NA	NA
<u>GeForce FX 5700</u>	40	1905	NA	NA
<u>GeForce FX 5900XT</u>	40	1909	NA	NA
<u>Gigabyte RADEON X300</u>	40	1904	NA	NA
<u>Matrox G200eh</u>	40	1907	NA	NA
<u>MOBILITY FIREGL T2</u>	40	1906	NA	NA
<u>Radeon Xpress 1300M</u>	40	1908	NA	NA
<u>GeForce 7050 / nForce 620i</u>	39	1917	NA	NA
<u>GeForce 7300 SE</u>	39	1916	NA	NA

<u>Video Card</u>	Passmark G3D Mark 39 (higher is better)	Rank (lower is better)	Videocard Value NA (higher is better)	Price NA (USD)
<u>GIGABYTE RADEON 9600 PRO</u>				
<u>MOBILITY RADEON 9600/9700</u>	39	1914	NA	NA
<u>Mobility Radeon X1300</u>	39	1912	NA	NA
<u>Mobility Radeon X1350</u>	39	1910	NA	NA
<u>S3 Chrome 430 ULP</u>	39	1913	NA	NA

<u>GeForce 6500</u>	38	1919	NA	NA
<u>Mobile Intel - famiglia Express Chipset 45</u>	38	1918	NA	NA
<u>Quadro NVS 285 128MB</u>	38	1920	0.70	\$55.00*
<u>RADEON X300SE</u>	38	1921	NA	NA
<u>256MB DDR Radeon 9800 XT</u>	37	1922	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 6200SE TurboCache</u>	37	1925	NA	NA
<u>Quadro NVS 440</u>	37	1923	0.30	\$124.99*
<u>Radeon X1250</u>	37	1924	NA	NA
<u>CONNECT 3D RADEON X300</u>	36	1927	NA	NA
<u>FireMV 2200 PCIe</u>	36	1929	0.40	\$89.99*
<u>Matrox G200eR</u>	36	1926	NA	NA
<u>MOBILITY RADEON 9600</u>	36	1930	NA	NA
<u>RADEON 9500</u>	36	1928	0.90	\$40.50*
<u>GeForce 6200</u>	35	1934	0.28	\$125.00
<u>GeForce 7100 / nForce 630i</u>	35	1932	NA	NA
<u>Quadro FX 1100</u>	35	1931	0.17	\$212.99*
<u>Quadro NVS 285</u>	35	1935	0.21	\$169.86*
<u>RADEON 9600 XT</u>	35	1936	NA	NA
<u>Radeon Xpress 1200</u>	35	1933	NA	NA
<u>GeForce 6150 LE</u>	34	1946	NA	NA
<u>GeForce 7025 / nForce 630a</u>	34	1938	NA	NA
<u>GeForce FX 5700 Ultra</u>	34	1943	NA	NA
<u>GeForce FX 5900</u>	34	1940	NA	NA
<u>GeForce PCX 5750</u>	34	1937	NA	NA
<u>GeForce PCX 5900</u>	34	1944	NA	NA
<u>Quadro FX 1000</u>	34	1942	NA	NA
<u>Quadro FX 1300</u>	34	1941	NA	NA
<u>RADEON 9550</u>	34	1939	1.09	\$31.88*
<u>Radeon Xpress 1100</u>	34	1945	NA	NA
<u>GeForce 7150 / nForce 630i</u>	33	1951	NA	NA
<u>GeForce FX 5700VE</u>	33	1950	NA	NA
<u>MOBILITY FIREGL T2/T2e</u>	33	1948	NA	NA
<u>Mobility Radeon X1450</u>	33	1949	NA	NA
<u>MOBILITY RADEON X300</u>	33	1947	NA	NA
<u>GeForce 6200 A-LE</u>	32	1955	NA	NA
<u>GeForce FX 5900ZT</u>	32	1953	NA	NA

<u>Intel Media Accelerator</u>	<u>Passmark G3D Mark</u>	<u>1952 Rank</u>	<u>Videocard Value</u>	<u>NA Price</u>
Videocard Name	(higher is	(lower is	(higher is	(USD)
<u>Radeon X1270</u>	31	1958	NA	NA
<u>Red Hat QXL controller</u>	31	1956	NA	NA
<u>All-in-Wonder X1800XL</u>	30	1964	NA	NA

<u>FireGL T2-128</u>	30	1960	NA	NA
<u>GeForce 6150SE nForce 430</u>	30	1963	NA	NA
<u>GeForce 7050 PV / nForce 630a</u>	30	1961	NA	NA
<u>MOBILITY RADEON 9550</u>	30	1962	NA	NA
<u>OpenXT Display Driver</u>	30	1959	NA	NA
<u>Radeon 9550 / X1050</u>	29	1967	NA	NA
<u>Radeon Xpress 1150</u>	29	1965	NA	NA
<u>RADEON XPRESS 200</u>	29	1966	NA	NA
<u>Matrox M9128 LP PCIe x16</u>	28	1968	NA	NA
<u>GeForce 6100</u>	27	1972	NA	NA
<u>GeForce 7050 / nForce 630i</u>	27	1974	NA	NA
<u>MOBILITY FireGL V5250</u>	27	1970	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>MOBILITY RADEON 9700</u>	27	1969	NA	NA
<u>MOBILITY RADEON XPRESS 200</u>	27	1973	NA	NA
<u>RADEON 9600SE</u>	27	1971	NA	NA
<u>GeForce 7100 / nForce 620i</u>	26	1977	NA	NA
<u>RADEON 9600 PRO Family</u>	26	1975	NA	NA
<u>Radeon Xpress 1270</u>	26	1976	NA	NA
<u>GeForce 6100 nForce 400</u>	25	1981	NA	NA
<u>GeForce 6100 nForce 420</u>	25	1980	NA	NA
<u>Matrox M9125 PCIe x16</u>	25	1979	NA	NA
<u>PHDGD Sapphire GR for Mobile Intel 965</u>	25	1978	NA	NA
<u>RADEON 9600 Family</u>	25	1982	NA	NA
<u>GeForce 6150SE</u>	24	1984	NA	NA
<u>GeForce 7050 / nForce 610i</u>	24	1987	NA	NA
<u>GeForce FX 5700LE</u>	24	1985	NA	NA
<u>GeForce Go 6400</u>	24	1988	NA	NA
<u>Intel G965 Express</u>	24	1986	NA	NA
<u>Mobile Intel 965 Express-Chipsatzfamilie</u>	24	1989	NA	NA
<u>MOBILITY RADEON 9600 PRO TURBO</u>	24	1983	NA	NA
<u>ALL-IN-WONDER 9800</u>	23	1993	NA	NA
<u>GeForce 6100 nForce 430</u>	23	1995	NA	NA
<u>GeForce 7200 GS</u>	23	1994	NA	NA
<u>Matrox M9140 LP PCIe x16</u>	23	1992	NA	NA
<u>Quadro NVS 210S</u>	23	1990	NA	NA
<u>RADEON 9800 SE</u>	23	1991	NA	NA

GeForce 6100 nForce 405	Passmark G3D Mark	1998 Rank	Videocard Value	NA Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
9xx Soldiers sans frontiers Sigma 2	21	2000	NA	NA
GeForce 6150	21	1999	0.07	\$329.00*
PHDGD Solo 2 x64	20	2002	NA	NA

Quadro NVS 210S / GeForce 6150LE	20	2001	NA	NA
GeForce Go 6150	19	2004	NA	NA
Matrox M9120 PCIe x16	19	2003	NA	NA
GeForce 7150M / nForce 630M	18	2009	NA	NA
Intel 82945G Express	18	2005	NA	NA
Quadro FX 2000	18	2011	NA	NA
QXL KMDOD	18	2006	NA	NA
RADEON 9600 TX Family	18	2008	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2010	NA	NA
S3 Chrome S25 DDR2	18	2007	NA	NA
GeForce FX 5600 Ultra	17	2015	NA	NA
GeForce FX Go 5600	17	2013	NA	NA
GeForce Go 6100	17	2012	NA	NA
Mobile Intel965 Express	17	2014	NA	NA
GeForce FX Go5650	16	2016	NA	NA
GRID V100-8Q	16	2017	NA	NA
GeForce Go 6200	15	2019	NA	NA
NV44	15	2018	NA	NA
Quadro FX 500/600 PCI	14	2020	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 2400 PCI	14	2021	NA	NA
GeForce 7000M	13	2022	NA	NA
GeForce 7000M / nForce 610M	12	2023	NA	NA
GeForce FX 5200 Ultra	12	2026	NA	NA
GeForce FX 5600	12	2024	NA	NA
GeForce FX Go5300	12	2025	NA	NA
FireMV 2400 PCIe	11	2028	NA	NA
GeForce FX 5200SE	11	2027	NA	NA
PHDGD Solo 1.2.0 x86	11	2030	NA	NA
RGH Drivers v3	11	2029	NA	NA
Familia Intel Q33 Express Chipset	10	2033	NA	NA
Master X3100 Driver	10	2031	NA	NA
MOBILITY IGP 9000/9100	10	2032	NA	NA
ASUS A7000	9	2037	NA	NA
GeForce FX 5600XT	9	2038	NA	NA
Matrox M9148 LP PCIe x16	9	2034	NA	NA
Matrox Parhelia 256MB	9	2035	NA	NA

<u>VIA Chrome9 HD IGP</u>	Passmark G3D Mark	2036 Rank	Videocard Value	NA Price
Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>GeForce FX 5200</u>	-	2040	<u>NA</u>	<u>\$129.00</u>
<u>GeForce FX Go 5200</u>	8	2040	NA	NA
<u>Intel 82945G Express-Chipsatzfamilie</u>	8	2045	NA	NA
<u>Intel Q35 Embedded</u>	8	2041	NA	NA

<u>Mobile Intel 965 Express - BR-0907-0461 v1839</u>	8	2043	NA	NA
<u>Quadro NVS 280 PCI</u>	8	2044	<u>0.06</u>	<u>\$130.00*</u>
<u>ASUS V9520-X V62.11</u>	7	2048	NA	NA
<u>Famille de jeu de puces Express Intel 946GZ</u>	7	2051	NA	NA
<u>GeForce FX 5100</u>	7	2047	NA	NA
<u>GeForce FX 5200</u>	7	2050	<u>0.06</u>	<u>\$129.00</u>
<u>GeForce FX 5200LE</u>	7	2054	<u>0.16</u>	<u>\$42.99*</u>
<u>GeForce4 Ti 4400</u>	7	2053	NA	NA
<u>Intel US15 Embedded Media and Controller</u>	7	2052	NA	NA
<u>MOBILITY RADEON 9000 IGP</u>	7	2046	NA	NA
<u>Quadro FX 500/FX 600</u>	7	2049	NA	NA
<u>GeForce PCX 5300</u>	6	2064	NA	NA
<u>GeForce2 Ultra</u>	6	2062	NA	NA
<u>GeForce4 MX Integrated GPU</u>	6	2060	NA	NA
<u>GeForce4 Ti 4800 SE</u>	6	2056	NA	NA
<u>Intel Media Accelerator 600</u>	6	2055	NA	NA
<u>Matrox Millennium P690 Plus LP PCIe x16</u>	6	2057	NA	NA
<u>MOBILITY RADEON 7000 IGP</u>	6	2063	NA	NA
<u>Quadro NVS 55/280 PCI</u>	6	2066	NA	NA
<u>Quadro4 380 XGL</u>	6	2058	NA	NA
<u>RADEON 8500 Family.</u>	6	2059	NA	NA
<u>RADEON 9100 Family.</u>	6	2065	NA	NA
<u>RADEON IGP 350M</u>	6	2067	NA	NA
<u>V9560XT V62.11</u>	6	2061	NA	NA
<u>64MB DDR GeForce3 Ti 200</u>	5	2074	NA	NA
<u>ALL-IN-WONDER RADEON 8500DV</u>	5	2079	NA	NA
Videocard Name	Passmark G3D Mark	Rank	Videocard Value	Price
	(higher is better)	(lower is better)	(higher is better)	(USD)
<u>GeForce 256</u>	5	2089	<u>0.12</u>	<u>\$42.04*</u>
<u>GeForce4 420 Go 32M</u>	5	2084	NA	NA
<u>GeForce4 440 Go 64M</u>	5	2068	NA	NA
<u>GeForce4 448 Go</u>	5	2081	NA	NA
<u>GeForce4 Ti 4200</u>	5	2080	NA	NA
<u>GeForce4 Ti 4600</u>	5	2082	<u>0.10</u>	<u>\$53.99*</u>
<u>GeForce4 Ti 4800</u>	5	2071	NA	NA
<u>Intel 82915G Express</u>	5	2075	NA	NA
<u>Intel Q33 Express</u>	5	2070	NA	NA

<u>Matrox M9120 Plus LP PCIe x16</u> Videocard Name	Passmark G3D Mark (higher is better)	Rank 2076 (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Matrox Parhelia APVe</u>	5	2078	NA	NA
<u>Mobile Intel 945GM Express</u>	5	2072	NA	NA
<u>Mobile Intel 945GM/GU Express</u>	5	2086	NA	NA
<u>MOBILITY RADEON 9000/9100 IGP</u>	5	2077	NA	NA

<u>Quadro 280 NVS PCIe</u>	5	2073	NA	NA
<u>Quadro4 980 XGL</u>	5	2090	0.01	\$341.43*
<u>RADEON 9100 IGP</u>	5	2083	NA	NA
<u>SAPPHIRE RADEON 9000 ATLANTIS PRO</u>	5	2087	NA	NA
<u>VIA/S3G UniChromell</u>	5	2069	NA	NA
<u>Xabre</u>	5	2088	NA	NA
<u>ALL-IN-WONDER 9000</u>	4	2093	NA	NA
<u>ASUS AGP-V3800PRO v31.40H</u>	4	2112	NA	NA
<u>Dell 8200</u>	4	2114	NA	NA
<u>GeForce2 Go</u>	4	2118	NA	NA
<u>GeForce2 Integrated GPU</u>	4	2113	NA	NA
<u>GeForce2 MX with DVI-D and TV-out</u>	4	2097	NA	NA
<u>GeForce2 Ti</u>	4	2105	NA	NA
<u>GeForce3</u>	4	2094	NA	NA
<u>GeForce3 Ti 200</u>	4	2120	NA	NA
<u>GeForce4 440</u>	4	2091	NA	NA
<u>GeForce4 MX 4000</u>	4	2111	NA	NA
<u>GeForce4 MX 420</u>	4	2098	NA	NA
<u>GeForce4 MX 440</u>	4	2108	NA	NA
<u>GeForce4 MX 440 with AGP8X</u>	4	2095	NA	NA
<u>GeForce4 MX 440SE</u>	4	2107	NA	NA
<u>GeForce4 MX 460</u>	4	2117	NA	NA
<u>Intel 82865G Controller</u>	4	2102	NA	NA
<u>Intel 915G,910G Express</u>	4	2122	NA	NA
<u>Intel 915G/915GV/910GL Embedded Controller Functio</u>	4	2103	NA	NA
<u>Intel 945G Embedded Chipset Function 0</u>	4	2110	NA	NA
<u>Intel 946GZ Express</u>	4	2123	NA	NA
<u>MOBILITY FIREGL 7800</u>	4	2099	NA	NA
<u>MOBILITY/RADEON 9000</u>	4	2119	NA	NA
<u>Quadro2 MXR/EX</u>	4	2109	NA	NA
<u>Quadro4 900 XGL</u>	4	2092	NA	NA
<u>RADEON 7500 Family</u>	4	2100	NA	NA
<u>RADEON 9000</u>	4	2104	NA	NA
<u>VIA Chrome9 HC IGP</u>	4	2115	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>VIA/S3G KM400/KN400</u>	4	2121	NA	NA

<u>VIA/S3G UniChrome IGP</u>	<u>Passmark G3D Mark</u> <small>(higher is better)</small>	<u>2116 Rank</u> <small>(lower is better)</small>	<u>Video Card Value</u> <small>(higher is better)</small>	<u>NA Price</u> <small>(USD)</small>
<u>Videocard Name</u>				
<u>XGI Volari Family v1.13.23.D_V</u>	4	2106	NA	NA
<u>ABIT Siluro T400</u>	3	2127	NA	NA
<u>AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI</u>	3	2151	NA	NA

<u>GeForce 6200A</u>	3	2135	0.07	\$54.99*
<u>GeForce2 GTS/GeForce2 Pro</u>	3	2124	NA	NA
<u>GeForce2 MX 100/200</u>	3	2147	NA	NA
<u>GeForce2 MX/MX 400</u>	3	2126	NA	NA
<u>GeForce4 420 Go</u>	3	2144	NA	NA
<u>GeForce4 4200 Go</u>	3	2125	NA	NA
<u>GeForce4 440 Go</u>	3	2132	NA	NA
<u>Intel 82915G/915GV/910GL</u>	3	2133	NA	NA
<u>Intel 82915G/GV/910GL Express</u>	3	2153	NA	NA
<u>Intel 865 Embedded Controller</u>	3	2134	NA	NA
<u>Intel 946GZ Embedded Chipset Function 0</u>	3	2148	NA	NA
<u>Intel Media Accelerator 500</u>	3	2141	NA	NA
<u>Matrox Parhelia 128MB</u>	3	2143	0.01	\$350.00
<u>MOBILITY RADEON 7500</u>	3	2137	NA	NA
<u>MOBILITY RADEON 9000</u>	3	2146	NA	NA
<u>MOBILITY RADEON 9200</u>	3	2155	NA	NA
<u>RADEON 7000 / RADEON VE Family</u>	3	2129	NA	NA
<u>RADEON 7500</u>	3	2149	0.02	\$177.25*
<u>RADEON 9000 Family</u>	3	2139	NA	NA
<u>RADEON 9200</u>	3	2136	0.02	\$153.63*
<u>RADEON IGP 320</u>	3	2131	NA	NA
<u>Radeon IGP 320M</u>	3	2138	NA	NA
<u>Rage Fury Pro/Xpert 2000 Pro</u>	3	2152	NA	NA
<u>RIVA TNT2 Model 64/Model 64 Pro</u>	3	2130	NA	NA
<u>RIVA TNT2/TNT2 Pro</u>	3	2142	NA	NA
<u>S3 Inc. Savage4</u>	3	2150	NA	NA
<u>Vanta/Vanta LT</u>	3	2154	NA	NA
<u>VIA Chrome9 HC IGP Family</u>	3	2128	NA	NA
<u>VIA Chrome9 HC IGP Family WDDM</u>	3	2140	NA	NA
<u>VIA/S3G DeltaChrome IGP</u>	3	2145	NA	NA
<u>64MB GeForce2 MX with TV Out</u>	2	2171	NA	NA
<u>Dell 8100</u>	2	2177	0.00	\$999.11*
<u>GeForce2 MX</u>	2	2163	NA	NA
<u>GeForce3 Ti 500</u>	2	2173	NA	NA
<u>Intel 82845G Controller</u>	2	2180	NA	NA
<u>Intel 82845G/GL Controller</u>	2	2168	NA	NA
<u>Intel 82845G/GL/GE/PE/GV Controller</u>	2	2158	NA	NA
<u>Intel 82915G/GV/910GL Advanced v3.5</u>	2	2167	NA	NA

<u>Mobile Intel 915GM/GMS/910GML Express</u>	Passmark G3D Mark 2 (higher is better)	Rank 2178 (lower is better)	Videocard Value NA (higher is better)	Price NA (USD)
<u>Mobile Intel 915GM/GMS/910GML Express</u>	2	2178	NA	NA
<u>MOBILITY RADEON 9100 IGP</u>	2	2156	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)

<u>Quadro NVS 280 SD</u>	2	2176	NA	NA
<u>Radeon 7000 / Radeon VE</u>	2	2165	NA	NA
<u>RADEON 7200</u>	2	2159	<u>0.00</u>	<u>\$599.99*</u>
<u>RADEON 9200 LE Family</u>	2	2169	NA	NA
<u>RADEON 9200 PRO Family</u>	2	2160	NA	NA
<u>RADEON 9200 SE</u>	2	2172	NA	NA
<u>RADEON 9250</u>	2	2170	<u>0.01</u>	<u>\$189.00</u>
<u>Radeon IGP 340M</u>	2	2175	NA	NA
<u>RADEON IGP 345M</u>	2	2164	NA	NA
<u>Radeon VE</u>	2	2181	NA	NA
<u>VIA Chrome9 HC IGP Prerelease WDDM 1.1</u>	2	2179	NA	NA
<u>VIA Chrome9 HC IGP WDDM</u>	2	2161	NA	NA
<u>VIA Chrome9 HC IGP WDDM 1.1</u>	2	2162	NA	NA
<u>VIA Chrome9 HC3 IGP</u>	2	2166	NA	NA
<u>FireMV 2200 PCI</u>	1	2194	NA	NA
<u>IGP 340M</u>	1	2188	NA	NA
<u>Intel 82852/82855 GM/GME Controller</u>	1	2191	NA	NA
<u>Intel Extreme Controller</u>	1	2182	NA	NA
<u>Mobile Intel 945 Express</u>	1	2185	NA	NA
<u>Quadro2 Pro</u>	1	2193	NA	NA
<u>RADEON IGP 34xM</u>	1	2187	NA	NA
<u>Rage 128 Pro</u>	1	2190	NA	NA
<u>RAGE 128 PRO AGP 4X TMDs</u>	1	2192	NA	NA
<u>S3 ProSavageDDR</u>	1	2189	NA	NA
<u>S3 SuperSavage/IXC 1014</u>	1	2183	NA	NA
<u>VIA Chrome9 HCM IGP</u>	1	2186	NA	NA
<u>VisionTek Radeon 7000</u>	1	2184	NA	NA

* - Last price seen from our affiliates.

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