

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

Compare0

Video Card Mega List

Search Model

GPU Compute Video Card Chart

Power Performance Video Card Chart

2D Graphics Video Card List

Single Video Card

Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce RTX 4090	39480	1	24.68	\$1,599.99
GeForce RTX 4080	35360	2	31.29	\$1,129.99
GeForce RTX 4070 Ti	31930	3	39.91	\$799.99
Radeon RX 7900 XTX	31858	4	32.51	\$979.99
GeForce RTX 4090 Laptop GPU	30218	5	NA	NA
GeForce RTX 3090 Ti	29858	6	17.68	\$1,688.37*
Radeon RX 7900 XT	29312	7	36.64	\$799.99
Radeon RX 6950 XT	29145	8	46.26	\$629.99
GeForce RTX 3080 Ti	27455	9	24.00	\$1,143.99
GeForce RTX 4080 Laptop GPU	27161	10	NA	NA
Radeon RX 6900 XT	27021	11	14.22	\$1,899.99
GeForce RTX 3090	26987	12	15.69	\$1,719.99
GeForce RTX 4070	26971	13	44.95	\$599.99
GeForce RTX 3080 12GB	26864	14	NA	NA

	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Radeon RX 6800 XT	25122	16	46.96	\$534.99	
	GeForce RTX 3070 Ti	23846	17	45.86	\$519.99	
	RTX A5000	23244	18	10.85	\$2,141.99*	
	RTX A6000	22566	19	4.65	\$4,847.84	
	Radeon RX 6800	22529	20	52.76	\$426.99	
	GeForce RTX 3070	22508	21	45.02	\$499.99	
	GeForce RTX 2080 Ti	21886	22	19.45	\$1,124.99*	
	RTX 4000 Ada Generation Laptop GPU	21533	23	NA	NA	
	Radeon RX 6750 XT	21530	24	47.85	\$449.99	
	RTX A4500	21334	25	19.75	\$1,079.99*	
	RTX 6000 Ada Generation	20731	26	NA	NA	
	GeForce RTX 3060 Ti	20633	27	54.59	\$377.99	
	NVIDIA A10	20590	28	NA	NA	
	GeForce RTX 3080 Ti Laptop GPU	20454	29	NA	NA	
	RTX 5000 Ada Generation Laptop GPU	20403	30	NA	NA	
	Radeon RX 6700 XT	19928	31	56.94	\$349.99	
	RTX 4000 SFF Ada Generation	19925	32	NA	NA	
	TITAN V	19920	33	9.96	\$1,999.99*	
	TITAN RTX	19896	34	7.12	\$2,794.99*	
	GeForce RTX 4070 Laptop GPU	19885	35	NA	NA	
	Radeon PRO W6800	19596	36	10.59	\$1,849.99*	
	GeForce RTX 2080 SUPER	19579	37	26.42	\$740.99*	
	Quadro RTX 8000	19397	38	4.09	\$4,741.49*	
	Quadro GV100	19325	39	2.15	\$8,999.00*	
	RTX A5500	19314	40	8.90	\$2,169.99*	
	TITAN Xp COLLECTORS EDITION	19303	41	NA	NA	
	Radeon RX 6700	19149	42	NA	NA	
	RTX A4000	19135	43	25.51	\$749.99*	
	Quadro RTX 6000	19106	44	3.03	\$6,300.00*	
	Radeon RX 6850M XT	18819	45	NA	NA	
	GeForce RTX 2080	18818	46	23.61	\$797.05*	
	GeForce RTX 4060 Laptop GPU	18774	47	NA	NA	
	NVIDIA A10G	18723	48	NA	NA	

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>GeForce RTX 3070 Ti Laptop GPU</u>	18549	50	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce GTX 1080 Ti</u>	18517	51	38.27	\$483.82*
<u>Tesla P40</u>	18514	52	NA	NA
<u>GeForce RTX 2070 SUPER</u>	18260	53	29.52	\$618.47*
<u>RTX A5500 Laptop GPU</u>	18210	54	NA	NA
<u>RTX 3500 Ada Generation Laptop GPU</u>	17922	55	NA	NA
<u>Radeon RX 6650 XT</u>	17802	56	69.82	\$254.99
<u>RTX A4500 Laptop GPU</u>	17724	57	NA	NA
<u>GeForce RTX 3060</u>	17217	58	54.66	\$314.99
<u>TITAN V CEO Edition</u>	16987	59	NA	NA
<u>Radeon RX 5700 XT</u>	16951	60	36.85	\$459.99*
<u>Radeon Pro VII</u>	16853	61	NA	NA
<u>Radeon VII</u>	16803	62	8.84	\$1,899.95*
<u>GeForce RTX 3080 Laptop GPU</u>	16683	63	NA	NA
<u>Radeon RX 5700 XT 50th Anniversary</u>	16613	64	NA	NA
<u>GeForce RTX 2060 SUPER</u>	16612	65	47.21	\$351.93
<u>Radeon RX 6600 XT</u>	16494	66	64.69	\$254.99
<u>GeForce RTX 2070</u>	16179	67	59.93	\$269.99*
<u>Quadro RTX 5000</u>	16175	68	NA	NA
<u>Radeon PRO W6600</u>	15964	69	NA	NA
<u>RTX A5000 Laptop GPU</u>	15952	70	NA	NA
<u>GeForce RTX 2060 12GB</u>	15895	71	NA	NA
<u>RTX A4000 Laptop GPU</u>	15848	72	NA	NA
<u>GeForce RTX 4050 Laptop GPU</u>	15728	73	NA	NA
<u>Quadro P6000</u>	15693	74	4.83	\$3,250.00*
<u>Quadro GP100</u>	15607	75	NA	NA
<u>Radeon Pro Vega II</u>	15592	76	NA	NA
<u>Radeon Pro W5700</u>	15580	77	23.97	\$649.99*
<u>GeForce RTX 3070 Laptop GPU</u>	15571	78	NA	NA
<u>GeForce GTX 1080</u>	15479	79	34.96	\$442.79*
<u>Quadro RTX 4000</u>	15477	80	17.22	\$899.00*

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6800S	15240	82	NA	NA
Radeon RX 6600	15175	83	46.13	\$329.00*
GeForce RTX 2080 (Mobile)	15107	84	NA	NA
Quadro RTX 5000 (Mobile)	14832	85	NA	NA
Radeon RX 5700	14722	86	47.49	\$309.99*
RTX A3000 12GB Laptop GPU	14722	87	NA	NA
GeForce GTX 1070 Ti	14702	88	25.79	\$569.99*
Radeon RX Vega 64	14629	89	19.51	\$749.99*
Radeon RX 6700S	14535	90	NA	NA
Radeon 6700	14158	91	NA	NA
GeForce RTX 2060	14101	92	56.41	\$249.99
RTX A2000 12GB	14042	93	NA	NA
GeForce RTX 2070 Super with Max-Q Design	14023	94	NA	NA
Radeon Pro WX 8200	13925	95	8.71	\$1,599.39*
GeForce GTX 980 Ti	13879	96	17.43	\$796.15
Radeon RX 5600 XT	13826	97	25.37	\$545.00*
RTX A2000	13742	98	32.80	\$419.00
GeForce RTX 2080 Super with Max-Q Design	13735	99	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro RTX 5000 with Max-Q Design	13709	100	NA	NA
NVIDIA TITAN X	13659	101	22.46	\$608.10*
Radeon RX 6600M	13638	102	78.39	\$173.99
Radeon Pro WX 9100	13554	103	NA	NA
Radeon RX Vega 56	13549	104	17.99	\$752.99*
GeForce GTX 1070	13517	105	27.69	\$488.09*
Radeon Vega Frontier Edition	13463	106	8.01	\$1,679.99*
Radeon RX 6700M	13389	107	47.82	\$279.99
GeForce RTX 3060 Laptop GPU	13330	108	43.00	\$309.99*
A10-8Q	13234	109	NA	NA
GeForce RTX 2080 with Max-Q Design	13182	110	6.28	\$2,099.99*
Radeon PRO W6600X	13113	111	NA	NA
GeForce GTX TITAN X	13098	112	11.94	\$1,096.99*

	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	GeForce GTX 1660 Ti	12947	114	20.88	\$619.99	
	Radeon Pro Vega 64	12918	115	NA	NA	
	Radeon RX 6800M	12879	116	NA	NA	
	Quadro P5200	12846	117	NA	NA	
	GeForce GTX 1660 SUPER	12814	118	64.08	\$199.99	
	Radeon Pro 5700 XT	12690	119	NA	NA	
	Quadro RTX 4000 with Max-Q Design	12687	120	NA	NA	
	Quadro P5200 with Max-Q Design	12659	121	NA	NA	
	Tesla T10	12650	122	NA	NA	
	Radeon RX 6650M	12617	123	NA	NA	
	Radeon Pro Vega 56	12607	124	NA	NA	
	RTX A3000 Laptop GPU	12434	125	NA	NA	
	Quadro P4200 with Max-Q Design	12406	126	NA	NA	
	Quadro RTX 4000 (Mobile)	12384	127	NA	NA	
	GeForce RTX 2070 (Mobile)	12354	128	NA	NA	
	Quadro P5000	12279	129	6.57	\$1,868.99*	
	Radeon RX 6850M	12274	130	NA	NA	
	Radeon Pro V520 MxGPU	12257	131	NA	NA	
	GeForce RTX 3050 OEM	11993	132	NA	NA	
	GeForce RTX 2070 with Max-Q Design	11903	133	NA	NA	
	Quadro M6000 24GB	11879	134	NA	NA	
	Radeon Pro 5700	11844	135	NA	NA	
	Quadro M6000	11771	136	2.44	\$4,827.53*	
	GeForce GTX 1660	11743	137	58.72	\$199.99	
	GeForce GTX 1080 with Max-Q Design	11547	139	NA	NA	
	Quadro P4000	11547	138	20.76	\$556.19*	
	Radeon RX 5600	11392	140	NA	NA	
	GeForce RTX 2060 (Mobile)	11354	141	NA	NA	
	Radeon Pro Vega 48	11352	142	NA	NA	
	RTX A1000 6GB Laptop GPU	11256	143	NA	NA	
	GeForce GTX 980	11148	144	45.07	\$247.35*	
	Quadro RTX 3000	11042	145	NA	NA	
	RTX A2000 8GB Laptop GPU	10925	146	NA	NA	

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Radeon Pro SSG</u>	10497	148	4.36	\$2,410.15*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Tesla M40 24GB</u>	10474	149	NA	NA
<u>GeForce GTX 1070 (Mobile)</u>	10465	150	NA	NA
<u>Quadro P4200</u>	10444	151	NA	NA
<u>Tesla M40</u>	10212	152	17.02	\$600.00*
<u>GeForce GTX 1660 Ti (Mobile)</u>	10175	153	NA	NA
<u>GeForce GTX 1650 SUPER</u>	10110	154	35.43	\$285.38*
<u>GeForce RTX 3050 Ti Laptop GPU</u>	10106	155	NA	NA
<u>RTX A2000 Laptop GPU</u>	10096	156	NA	NA
<u>GeForce GTX 1070 with Max-Q Design</u>	10085	157	NA	NA
<u>GeForce GTX 1060</u>	10070	158	35.97	\$279.99*
<u>Radeon R9 Fury X</u>	10057	159	NA	NA
<u>GeForce RTX 3050 6GB Laptop GPU</u>	9918	160	NA	NA
<u>GeForce RTX 2060 with Max-Q Design</u>	9775	161	NA	NA
<u>GeForce GTX 1060 3GB</u>	9742	162	36.08	\$269.99*
<u>Radeon R9 Fury + Fury X</u>	9741	163	21.65	\$449.99*
<u>GeForce GTX 970</u>	9641	164	40.51	\$237.99*
<u>Radeon R9 Fury</u>	9602	165	21.67	\$443.10*
<u>Radeon RX 590</u>	9564	166	17.39	\$549.99*
<u>RTX A1000 Laptop GPU</u>	9516	167	NA	NA
<u>Radeon RX 6500 XT</u>	9497	168	59.36	\$159.99
<u>Radeon R9 390X</u>	9454	169	NA	NA
<u>GeForce GTX 780 Ti</u>	9434	170	27.75	\$339.99*
<u>Quadro P2200</u>	9377	171	20.40	\$459.80*
<u>GeForce RTX 3050 Laptop GPU</u>	9351	172	34.64	\$269.99*
<u>Quadro M5000</u>	9318	173	18.67	\$499.00*
<u>Radeon Pro 5600M</u>	9280	174	NA	NA
<u>Radeon RX 5500 XT</u>	9207	175	49.77	\$184.99*
<u>NVIDIA A40</u>	9169	176	NA	NA
<u>Quadro P3200 with Max-Q Design</u>	9163	177	NA	NA
<u>Radeon Pro W5500</u>	9135	178	22.28	\$409.99*

Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
<u>Radeon R9 390</u>		9059	180	NA	NA	
<u>GeForce GTX TITAN Black</u>		9057	181	17.25	\$524.99*	
<u>GeForce GTX TITAN Z</u>		8986	182	5.93	\$1,515.00*	
<u>Radeon RX 580</u>		8916	183	49.54	\$179.99*	
<u>GeForce GTX 1060 5GB</u>		8909	184	18.26	\$487.99*	
<u>Radeon RX 5500</u>		8799	185	NA	NA	
<u>Quadro P3200</u>		8793	186	22.59	\$389.30*	
<u>Tesla P4</u>		8766	187	NA	NA	
<u>Radeon R9 290X</u>		8734	188	NA	NA	
<u>Radeon RX 480</u>		8694	189	25.57	\$339.99*	
<u>GeForce GTX 1660 Ti with Max-Q Design</u>		8686	190	NA	NA	
<u>Radeon R9 295X2</u>		8637	191	17.31	\$499.10*	
<u>Quadro RTX 3000 with Max-Q Design</u>		8621	192	NA	NA	
<u>Intel Arc A770</u>		8612	193	22.08	\$389.99	
<u>Radeon RX590 GME</u>		8470	194	NA	NA	
<u>Radeon R9 290</u>		8401	195	NA	NA	
<u>Radeon R9 290X / 390X</u>		8389	196	26.22	\$319.99*	
<u>Radeon Pro 5500 XT</u>		8326	197	NA	NA	
Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
<u>Radeon Pro Duo</u>		8293	198	6.92	\$1,199.06*	
<u>Tesla V100-PCIE-32GB</u>		8259	199	NA	NA	
<u>Intel Arc A750</u>		8217	200	35.73	\$229.99	
<u>GeForce GTX Titan</u>		8204	201	11.01	\$745.00*	
<u>Radeon Ryzen 7 6800HS</u>		8200	202	NA	NA	
<u>GeForce GTX 1060 (Mobile)</u>		8160	203	NA	NA	
<u>Radeon R9 290 / 390</u>		8150	204	21.45	\$380.00*	
<u>Ryzen 5 4600HS with Radeon Graphics</u>		8120	205	NA	NA	
<u>Radeon RX 470/570</u>		8076	206	20.76	\$388.99*	
<u>Radeon Ryzen 9 6900HS</u>		8066	207	NA	NA	
<u>Quadro K6000</u>		8065	208	38.29	\$210.66*	
<u>GeForce GTX 780</u>		8028	209	28.67	\$279.99*	
<u>Ryzen 9 6900HS</u>		8005	210	NA	NA	

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

<u>Radeon RX 6500M</u>	7929	212	NA	NA
<u>FirePro W9100</u>	7927	213	4.58	\$1,729.99*
<u>GeForce GTX 1060 with Max-Q Design</u>	7919	214	NA	NA
<u>Radeon Pro WX 7100</u>	7918	215	7.56	\$1,047.99*
<u>Quadro M5500</u>	7915	216	NA	NA
<u>GeForce GTX 1650</u>	7851	217	52.34	\$149.99
<u>Radeon RX 5600M</u>	7811	218	NA	NA
<u>Radeon RX 580X</u>	7798	219	NA	NA
<u>Tesla M60</u>	7770	220	9.86	\$787.90*
<u>Radeon RX 580 2048SP</u>	7769	221	NA	NA
<u>Radeon Pro 580</u>	7753	222	NA	NA
<u>T1200 Laptop GPU</u>	7733	223	NA	NA
<u>T1000</u>	7699	224	21.62	\$356.10
<u>Radeon Ryzen 9 4900HS</u>	7686	225	NA	NA
<u>Radeon RX 5300</u>	7662	226	NA	NA
<u>T1000 8GB</u>	7637	227	NA	NA
<u>GeForce GTX 1650 Ti</u>	7543	228	NA	NA
<u>Radeon Pro 580X</u>	7540	229	NA	NA
<u>Tesla M6</u>	7509	230	37.73	\$199.00*
<u>Radeon Pro 5300</u>	7493	231	NA	NA
<u>Radeon RX 6400</u>	7483	232	36.15	\$207.00*
<u>Radeon Ryzen 7 4800HS</u>	7361	233	NA	NA
<u>GeForce GTX 980M</u>	7345	234	25.33	\$289.99*
<u>FirePro W8100</u>	7313	235	10.39	\$704.00*
<u>Tesla P100-PCIE-16GB</u>	7225	236	NA	NA
<u>Quadro T2000</u>	7192	237	13.61	\$528.35*
<u>Radeon Ryzen 9 7950X 16-Core</u>	7159	238	NA	NA
<u>Quadro P2000</u>	7023	239	15.27	\$459.99*
<u>Quadro M5000M</u>	7017	240	12.83	\$546.92*
<u>GeForce GTX 1650 (Mobile)</u>	6968	241	NA	NA
<u>T600 Laptop GPU</u>	6949	242	NA	NA
<u>Intel Arc A770M</u>	6906	243	NA	NA
<u>GeForce RTX 3050 4GB Laptop GPU</u>	6903	244	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Ryzen 7 6800HS with Radeon Graphics</u>	6867	246	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon Pro 5500M</u>	6819	247	NA	NA
<u>GeForce RTX 2050</u>	6810	248	NA	NA
<u>RTX A500 Laptop GPU</u>	6754	249	NA	NA
<u>GeForce GTX 970XM FORCE</u>	6706	250	NA	NA
<u>Quadro T1000 with Max-Q Design</u>	6665	251	NA	NA
<u>Quadro M4000</u>	6638	252	18.34	\$362.00*
<u>Quadro T1000</u>	6582	253	14.89	\$441.99*
<u>Radeon Pro WX 7130</u>	6577	254	NA	NA
<u>Quadro P3000</u>	6566	255	NA	NA
<u>Radeon RX Vega M GH</u>	6545	256	NA	NA
<u>T600</u>	6503	257	27.10	\$239.99
<u>GeForce GTX 1650 Ti with Max-Q Design</u>	6369	258	NA	NA
<u>Radeon Pro 570</u>	6336	259	NA	NA
<u>GeForce GTX 1050 Ti</u>	6297	260	31.20	\$201.81
<u>Quadro M4000M</u>	6275	261	24.62	\$254.91*
<u>Radeon R9 380X</u>	6261	262	17.89	\$349.99*
<u>Radeon R9 280X</u>	6253	263	NA	NA
<u>Radeon R9 380</u>	6243	264	69.38	\$89.99*
<u>FirePro W9000</u>	6138	265	7.26	\$845.00*
<u>GeForce MX570 A</u>	6096	266	NA	NA
<u>GeForce GTX 1650 with Max-Q Design</u>	6050	267	NA	NA
<u>GeForce GTX 960</u>	6024	268	35.03	\$172.00*
<u>Radeon Pro 5300M</u>	5973	269	NA	NA
<u>GRID P100-16Q</u>	5944	270	NA	NA
<u>Quadro K5200</u>	5938	271	14.31	\$415.00*
<u>GeForce GTX 1050 Ti (Mobile)</u>	5918	272	NA	NA
<u>GeForce GTX 770</u>	5879	273	23.61	\$249.00*
<u>Radeon PRO Ryzen 7 PRO 6850U</u>	5861	274	NA	NA
<u>P106-100</u>	5859	275	NA	NA
<u>Ryzen 9 6900HS with Radeon Graphics</u>	5827	276	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX570	5773	278	NA	NA
GeForce GTX 970M	5730	279	27.29	\$209.99*
Ryzen 9 PRO 6950H	5661	280	NA	NA
Radeon Pro WX 5100	5612	281	15.59	\$359.99*
Radeon Ryzen 7 PRO 6850H	5604	282	NA	NA
Radeon R9 280	5600	283	NA	NA
Ryzen 7 PRO 6850U	5580	284	NA	NA
Radeon HD 7990	5565	285	13.91	\$399.99*
Radeon Ryzen 7 6800H	5563	286	NA	NA
Radeon Ryzen 9 7900 12-Core	5558	287	NA	NA
GeForce GTX 690	5556	288	19.78	\$280.99*
Radeon R9 285 / 380	5549	289	11.44	\$485.00*
GeForce GTX 680	5529	290	13.86	\$399.00*
GRID M60-8A	5523	291	NA	NA
GeForce GTX 760 Ti OEM	5427	292	NA	NA
Quadro M3000M	5418	293	33.88	\$159.95*
Ryzen 9 6900HX	5415	294	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5389	295	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID P40-4Q	5364	296	NA	NA
Ryzen 7 6800HS Creator Edition	5345	297	NA	NA
GeForce GTX 950	5341	298	37.62	\$141.99*
GeForce GTX 670	5298	299	27.31	\$193.98*
FirePro W7100	5293	300	13.60	\$389.30*
Radeon Ryzen 7 7735HS	5272	301	NA	NA
Radeon HD 7970 / R9 280X	5247	302	21.25	\$246.99*
Ryzen 7 6800H	5247	303	NA	NA
Ryzen 7 6800HS	5237	304	NA	NA
Radeon Pro Vega 20	5228	305	NA	NA
Radeon HD 8990	5214	306	NA	NA
Radeon Ryzen 9 6900HX	5209	307	NA	NA
GRID M60-2Q	5203	308	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Radeon Ryzen 7 6800HS Creator Edition	5188	310	NA	NA
Radeon Ryzen 7 PRO 6850HS	5165	311	NA	NA
Q12U-1	5164	312	NA	NA
Radeon R9 M295X	5150	313	3.55	\$1,449.00*
GeForce GTX 760 Ti	5145	314	17.30	\$297.50*
GeForce GTX 1050 3GB	5142	315	NA	NA
Radeon Ryzen 7 PRO 6850U	5102	316	NA	NA
Radeon Ryzen 7 7735U	5096	317	NA	NA
Ryzen 7 PRO 6860Z	5076	318	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	5067	319	NA	NA
Quadro P2000 with Max-Q Design	5061	320	NA	NA
FirePro S9000	5059	321	NA	NA
EIZO Quadro MED-XN51LP	5048	322	NA	NA
Ryzen 7 6800U	5047	323	NA	NA
GeForce GTX 1050	5046	324	22.43	\$225.00
GeForce GTX 1630	5044	325	30.95	\$162.99
Radeon R9 M395	5020	326	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	4966	327	NA	NA
Barco MXRT 7600	4943	328	8.20	\$602.59*
Radeon R9 270X	4917	329	15.06	\$326.50*
FirePro S9050	4901	330	NA	NA
Radeon Pro WX Vega M GL	4897	331	NA	NA
Radeon Ryzen 7 PRO 6860Z	4853	332	NA	NA
Ryzen 7 5800HS with Radeon Graphics	4839	333	NA	NA
Radeon Instinct MI25 MxGPU	4799	334	NA	NA
Ryzen 7 6800H with Radeon Graphics	4795	335	NA	NA
T550 Laptop GPU	4786	336	NA	NA
GRID RTX6000P-6Q	4777	337	NA	NA
Radeon R9 M395X	4775	338	NA	NA
GeForce GTX 760	4772	339	32.03	\$149.00*
FirePro S10000	4768	340	NA	NA
Radeon Ryzen 7 6800U	4766	341	NA	NA
Radeon HD 7950 / R9 280	4764	342	36.04	\$132.20*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Ryzen 7 PRO 6860Z with Radeon Graphics</u>	4729	344	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GRID P40-24Q</u>	4727	345	NA	NA
<u>Radeon R9 370</u>	4722	346	29.51	\$159.99*
<u>Ryzen 7 6800U with Radeon Graphics</u>	4708	347	NA	NA
<u>Radeon Pro Vega 16</u>	4682	348	NA	NA
<u>Radeon HD 7870</u>	4642	349	26.38	\$176.00*
<u>GeForce MX550</u>	4563	350	NA	NA
<u>B8DKMDAP</u>	4557	351	NA	NA
<u>Radeon Pro 465</u>	4537	352	NA	NA
<u>GeForce GTX 580</u>	4534	353	32.41	\$139.92*
<u>FirePro S7000</u>	4523	354	18.35	\$246.54*
<u>GRID T4-8Q</u>	4518	355	NA	NA
<u>Radeon Ryzen 5 6600H</u>	4507	356	NA	NA
<u>Radeon R7 370</u>	4505	357	NA	NA
<u>Radeon HD 7870 XT</u>	4469	358	NA	NA
<u>GeForce GTX 1050 (Mobile)</u>	4461	359	NA	NA
<u>GRID M60-1B</u>	4456	360	NA	NA
<u>Citrix Indirect Display Adapter</u>	4446	361	NA	NA
<u>GRID P6-4Q</u>	4429	362	NA	NA
<u>Quadro P1000</u>	4418	363	15.24	\$289.99*
<u>GeForce GTX 660 Ti</u>	4364	364	30.31	\$144.00*
<u>FirePro W7000 Adapter</u>	4361	365	NA	NA
<u>Radeon Ryzen 5 7535HS</u>	4343	366	NA	NA
<u>GRID GTX P40-6</u>	4340	367	NA	NA
<u>Quadro M2200</u>	4331	368	17.33	\$249.99*
<u>Tesla K20m</u>	4330	369	NA	NA
<u>Quadro K4200</u>	4317	370	17.34	\$249.00*
<u>Radeon R9 270</u>	4306	371	NA	NA
<u>GeForce GTX 775M</u>	4271	372	NA	NA
<u>Radeon R9 270 / R7 370</u>	4259	373	19.98	\$213.16*
<u>GRID M60-1Q</u>	4250	374	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Ryzen 9 6900HX with Radeon Graphics</u>	4208	376	NA	NA
<u>Radeon RX 5300M</u>	4197	377	NA	NA
<u>Radeon Ryzen 7 4800H</u>	4192	378	NA	NA
<u>GRID V100D-8Q</u>	4155	379	NA	NA
<u>GeForce GTX 680MX</u>	4142	380	NA	NA
<u>Radeon RX 460</u>	4118	381	24.69	\$166.81*
<u>FirePro W8000</u>	4095	382	7.15	\$573.00*
<u>Radeon PRO Ryzen 5 PRO 6650U</u>	4066	383	NA	NA
<u>GeForce GTX 480</u>	4042	384	23.78	\$169.99*
<u>Radeon HD 7800-serie</u>	4029	385	NA	NA
<u>GRID P40-2Q</u>	4023	386	NA	NA
<u>GeForce GTX 660</u>	3990	387	23.76	\$167.95*
<u>Quadro K5000</u>	3945	388	15.84	\$249.00*
<u>GRID P6-2Q</u>	3925	389	NA	NA
<u>Quadro M2000</u>	3920	390	14.84	\$264.24*
<u>GeForce GTX 570</u>	3918	391	26.12	\$149.99*
<u>Radeon Ryzen 9 PRO 6950HS</u>	3901	392	NA	NA
<u>GeForce GTX 750 Ti</u>	3899	393	44.26	\$88.11*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GRID M60-8Q</u>	3883	394	NA	NA
<u>Radeon HD 8970M</u>	3876	395	27.69	\$139.99*
<u>Intel Arc A380</u>	3873	396	NA	NA
<u>GeForce GTX 1050 with Max-Q Design</u>	3856	397	NA	NA
<u>Radeon HD 7970M</u>	3846	398	NA	NA
<u>Radeon Ryzen 9 7900X 12-Core</u>	3845	399	NA	NA
<u>GRID P100-8Q</u>	3841	400	NA	NA
<u>Radeon HD 7850</u>	3839	401	22.59	\$169.99*
<u>Radeon Ryzen 5 6600HS Creator Edition</u>	3838	402	NA	NA
<u>GRID M60-4Q</u>	3831	403	NA	NA
<u>GeForce GTX 780M</u>	3794	404	7.60	\$499.00*
<u>GeForce GTX 880M</u>	3764	405	NA	NA
<u>Radeon Pro WX 4100</u>	3759	406	7.52	\$499.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

<u>Ryzen 7 PRO 6850HS with Radeon Graphics</u>	3736	408	NA	NA
<u>GeForce MX450</u>	3713	409	NA	NA
<u>GeForce GTX 965M</u>	3710	410	NA	NA
<u>Ryzen 5 6600HS Creator Edition</u>	3685	411	NA	NA
<u>Radeon Pro 560X</u>	3677	412	NA	NA
<u>Radeon R9 M485X</u>	3660	413	NA	NA
<u>T400 4GB</u>	3646	414	NA	NA
<u>Radeon RX 560</u>	3634	415	16.83	\$215.99
<u>T500</u>	3633	416	NA	NA
<u>Ryzen 5 PRO 6650U with Radeon Graphics</u>	3629	417	NA	NA
<u>T400</u>	3621	418	20.12	\$179.99*
<u>Quadro P620</u>	3587	419	6.21	\$577.49
<u>Radeon Ryzen 5 PRO 6650U</u>	3574	420	NA	NA
<u>GeForce GTX 680M KY Bullet Edition</u>	3568	421	NA	NA
<u>GRID M6-8Q</u>	3568	422	NA	NA
<u>Radeon RX Vega M GL</u>	3562	423	NA	NA
<u>Quadro K2200</u>	3532	424	13.17	\$268.30*
<u>Quadro 7000</u>	3505	425	NA	NA
<u>Ryzen 5 PRO 6650U</u>	3492	426	NA	NA
<u>Tesla M10</u>	3490	427	1.30	\$2,695.00*
<u>Radeon Pro 560</u>	3475	428	NA	NA
<u>Radeon Ryzen 5 6600U</u>	3470	429	NA	NA
<u>GeForce GTX 870M</u>	3464	430	NA	NA
<u>Radeon Pro 460</u>	3452	431	NA	NA
<u>GRID T4-2Q</u>	3450	432	NA	NA
<u>Quadro K2200M</u>	3440	433	27.54	\$124.95*
<u>Quadro M2000M</u>	3432	434	16.10	\$213.16*
<u>Tesla C2050 / C2070</u>	3428	435	NA	NA
<u>GeForce GTX 960M</u>	3403	436	2.91	\$1,169.00*
<u>Radeon R9 M470X</u>	3400	437	NA	NA
<u>GRID K520</u>	3399	438	22.66	\$149.99*
<u>Radeon E8870PCIe</u>	3368	440	NA	NA
<u>Radeon HD8970M</u>	3368	439	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>GRID M10-1Q</u>	3351	442	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce GTX 750</u>	3350	443	41.89	\$79.99*
<u>Radeon R9 M390X</u>	3346	444	NA	NA
<u>GeForce GTX 590</u>	3341	445	7.68	\$435.00*
<u>Radeon Pro</u>	3329	446	14.48	\$229.99*
<u>GeForce GTX 650 Ti BOOST</u>	3325	447	NA	NA
<u>Tesla C2050</u>	3323	448	12.31	\$269.99*
<u>Quadro M1200</u>	3287	449	NA	NA
<u>GRID T4-4Q</u>	3260	450	NA	NA
<u>GeForce 770M</u>	3245	451	18.34	\$176.99*
<u>Quadro P600</u>	3235	452	16.02	\$202.03*
<u>Ryzen 5 6600U with Radeon Graphics</u>	3233	453	NA	NA
<u>Radeon R9 M290X</u>	3217	454	NA	NA
<u>Radeon R9 260</u>	3181	455	NA	NA
<u>Radeon RX 560X</u>	3181	456	NA	NA
<u>GeForce GTX 680M</u>	3175	457	23.35	\$135.99*
<u>FirePro V7000</u>	3161	458	NA	NA
<u>FirePro W7170M</u>	3161	459	NA	NA
<u>Radeon Ryzen 7 5800HS</u>	3153	460	NA	NA
<u>Radeon R7 260X</u>	3144	461	22.46	\$139.99*
<u>Radeon Pro 555</u>	3140	462	2.99	\$1,049.00*
<u>Tesla C2075</u>	3118	463	4.83	\$646.00*
<u>Radeon Pro 455</u>	3112	464	6.93	\$449.00*
<u>Tesla C2070</u>	3101	465	5.13	\$604.00*
<u>Quadro K5100M</u>	3094	466	2.79	\$1,108.84*
<u>Intel G35 Express</u>	3090	467	NA	NA
<u>Radeon HD 7790</u>	3090	468	22.07	\$139.99*
<u>Radeon R7 360</u>	3068	469	21.02	\$145.99*
<u>GeForce GTX 470</u>	3065	470	51.10	\$59.99*
<u>GeForce GTX 860M</u>	3039	471	26.66	\$114.00*
<u>Radeon R9 360</u>	3031	472	22.64	\$133.89*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6990	3013	474	6.04	\$498.49*
GRID M10-4Q	2976	475	NA	NA
FirePro W5100	2963	476	23.53	\$125.99*
FirePro W5000	2960	477	16.09	\$184.00*
GRID K260Q	2949	478	NA	NA
Quadro M1000M	2924	479	34.01	\$85.99*
Tesla K20Xm	2917	480	NA	NA
Radeon R7 260	2891	481	32.13	\$89.99*
Ryzen 9 5900HX with Radeon Graphics	2889	482	NA	NA
Quadro K1200	2864	483	10.04	\$285.29*
Eng Sample: 100-000000261-50_Y	2859	484	NA	NA
Radeon Pro V340 MxGPU	2853	485	NA	NA
GRID K280Q	2839	486	NA	NA
GeForce MX350	2826	487	NA	NA
Radeon HD 6970	2822	488	18.82	\$149.99*
FirePro 3D V9800	2811	489	1.13	\$2,499.00*
Quadro M620	2803	490	NA	NA
Ryzen 7 5700G with Radeon Graphics	2801	491	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 770M	2787	492	20.20	\$138.00*
Radeon Ryzen 7 PRO 7730U	2782	493	NA	NA
Ryzen 7 5800H with Radeon Graphics	2782	494	NA	NA
Radeon R9 M380	2770	495	NA	NA
Quadro K5000M	2763	496	5.43	\$508.91*
FirePro W4300	2757	497	11.49	\$239.99*
GRID K2	2736	498	0.61	\$4,449.99
Custom GPU 0405	2731	499	NA	NA
FirePro S7150	2726	500	1.61	\$1,697.99*
FirePro V9800	2726	501	5.75	\$474.00*
FirePro M6100 FireGL V	2722	503	NA	NA
Radeon Pro 450	2722	502	NA	NA
GeForce GTX 560	2714	504	13.24	\$205.00*

	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Barco MXRT 5500	2701	506	9.04	\$299.00*	
	Quadro K4000	2696	507	9.99	\$270.00*	
	Radeon Ryzen 7 4700GE	2695	508	NA	NA	
	GRID M10-2Q	2691	509	NA	NA	
	Quadro 6000	2691	510	0.66	\$4,092.38*	
	Intel Iris Xe	2690	511	NA	NA	
	Radeon RX 550	2684	512	14.17	\$189.46	
	GeForce GTX 465	2683	513	13.76	\$195.00*	
	Ryzen 7 Pro 4750G with Radeon Graphics	2681	514	NA	NA	
	Radeon Ryzen 7 7700X 8-Core	2677	515	NA	NA	
	Radeon Ryzen 7 5800H	2661	516	NA	NA	
	Quadro K4100M	2659	517	10.18	\$261.29*	
	GeForce GTX 675MX	2657	518	NA	NA	
	Ryzen 7 5700GE with Radeon Graphics	2656	519	NA	NA	
	FirePro R5000	2646	520	24.06	\$109.99*	
	MONSTER GeForce GTX 675M	2637	521	NA	NA	
	Radeon HD 6950	2634	522	18.82	\$139.99*	
	GRID M10-8Q	2606	523	NA	NA	
	GRID T4-2B	2601	525	NA	NA	
	Ryzen 5 5600GE with Radeon Graphics	2601	524	NA	NA	
	Radeon Ryzen 7 PRO 4750G	2598	526	NA	NA	
	GeForce GTX 950M	2597	527	4.58	\$567.00*	
	Radeon Ryzen 7 4700G	2596	528	NA	NA	
	Ryzen 5 5600G with Radeon Graphics	2581	529	NA	NA	
	Radeon Ryzen 9 4900H	2575	530	NA	NA	
	Ryzen 7 PRO 5750GE with Radeon Graphics	2556	531	NA	NA	
	Ryzen 7 PRO 4750GE with Radeon Graphics	2549	532	NA	NA	
	GRID K240Q	2541	533	NA	NA	
	GeForce GTX 850M	2534	534	NA	NA	
	Radeon HD 6850 X2	2534	535	NA	NA	
	GeForce GTX 650 Ti	2530	536	27.20	\$93.05*	
	FireStream 9370	2528	537	NA	NA	
	N18E-Q1	2525	538	NA	NA	

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Radeon HD 8950</u>	2518	540	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Ryzen 5 PRO 5650G with Radeon Graphics</u>	2505	541	NA	NA
<u>Ryzen 7 4700GE with Radeon Graphics</u>	2496	542	NA	NA
<u>GeForce GT 1030</u>	2493	543	24.45	\$101.99
<u>GeForce MX330</u>	2493	544	NA	NA
<u>Radeon Pro WX 3200</u>	2472	545	11.24	\$219.99
<u>Ryzen 5 PRO 5650GE with Radeon Graphics</u>	2470	546	NA	NA
<u>Barco MXRT 5600</u>	2465	547	3.50	\$704.00*
<u>GeForce MX250</u>	2457	548	NA	NA
<u>Ryzen 7 PRO 5750G with Radeon Graphics</u>	2452	549	NA	NA
<u>Radeon Ryzen 5 5600H</u>	2440	550	NA	NA
<u>Radeon Pro WX 3100</u>	2439	551	NA	NA
<u>FirePro 3D V8800</u>	2437	552	5.74	\$424.99*
<u>Radeon Ryzen 5 7600 6-Core</u>	2423	553	NA	NA
<u>Ryzen 5 Pro 4650G with Radeon Graphics</u>	2417	554	NA	NA
<u>Radeon Eng Sample: 100-000000262-30_Y</u>	2415	555	NA	NA
<u>GeForce GTX 960A</u>	2410	556	NA	NA
<u>Ryzen 5 4600G with Radeon Graphics</u>	2408	557	NA	NA
<u>Radeon RX Vega 11 PRD</u>	2401	558	NA	NA
<u>Ryzen 7 5800U with Radeon Graphics</u>	2388	559	NA	NA
<u>Radeon Ryzen 7 5800U</u>	2362	560	NA	NA
<u>GeForce GTX 485M</u>	2359	561	NA	NA
<u>FirePro W6150M</u>	2358	562	NA	NA
<u>Radeon Ryzen 7 7730U</u>	2346	563	NA	NA
<u>Radeon Pro WX 4150</u>	2345	564	3.84	\$610.04*
<u>Ryzen 7 4800U with Radeon Graphics</u>	2343	565	NA	NA
<u>P106-090</u>	2342	566	NA	NA
<u>GRID M10-2B</u>	2333	567	NA	NA
<u>Radeon Ryzen 7 5825U</u>	2332	568	NA	NA
<u>Ryzen 5 5600H with Radeon Graphics</u>	2332	569	NA	NA
<u>Radeon R9 M470</u>	2330	570	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 5970	2307	572	12.82	\$179.99*
Ryzen 3 PRO 5350GE with Radeon Graphics	2307	573	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	574	NA	NA
FirePro V7900	2304	575	12.13	\$190.00*
Radeon Ryzen 5 7530U	2301	576	NA	NA
Radeon RX 550X	2296	578	NA	NA
Radeon Ryzen 5 4400G	2296	579	NA	NA
Ryzen 7 PRO 5850U with Radeon Graphics	2296	577	NA	NA
Radeon Ryzen 5 PRO 5650GE	2290	580	NA	NA
GeForce MX150	2289	581	38.62	\$59.29*
Intel UHD Graphics P630	2286	582	NA	NA
Radeon Ryzen 7 4800U	2283	583	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2282	584	NA	NA
FirePro V8800	2280	585	11.52	\$198.00*
Radeon Ryzen 7 Microsoft Surface Edition	2274	586	NA	NA
Radeon HD 6970M	2270	587	10.51	\$215.99*
Quadro K3100M	2269	588	5.67	\$399.95*
GeForce GTX 460	2268	590	25.21	\$89.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 250X	2268	589	11.70	\$194.00*
Ryzen 5 4600H with Radeon Graphics	2264	591	NA	NA
Ryzen 7 5700U with Radeon Graphics	2248	592	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2246	593	NA	NA
Quadro K620	2239	594	1.10	\$2,029.99*
Radeon HD 5870	2236	595	7.58	\$295.00*
GRID P100-1B	2223	596	NA	NA
Radeon HD 6870	2216	597	8.06	\$275.00*
Ryzen 7 Extreme Edition	2215	598	NA	NA
Radeon Ryzen 7 5700U	2211	599	NA	NA
FirePro M6100	2206	600	NA	NA
Radeon Ryzen 7 PRO 4750GE	2205	601	NA	NA
Ryzen 5 5600U with Radeon Graphics	2188	602	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

<u>Radeon HD 7770</u>	2171	605	7.24	\$300.00*
<u>Ryzen 3 5300GE with Radeon Graphics</u>	2171	604	NA	NA
<u>Intel Iris Pro P580</u>	2168	606	NA	NA
<u>Ryzen 3 Pro 4350G with Radeon Graphics</u>	2159	607	NA	NA
<u>Radeon Ryzen 5 PRO 5650G</u>	2158	608	NA	NA
<u>GeForce GTX 745</u>	2151	609	7.55	\$284.95*
<u>Radeon Ryzen 3 PRO 7330U</u>	2149	610	NA	NA
<u>Radeon Ryzen 5 5600GE</u>	2147	611	NA	NA
<u>Quadro M600M</u>	2145	612	8.52	\$251.99*
<u>Radeon RX Vega 11</u>	2126	613	2.12	\$1,002.00*
<u>Radeon Ryzen 5 5625U</u>	2120	614	NA	NA
<u>Ryzen 5 5560U with Radeon Graphics</u>	2120	615	NA	NA
<u>Ryzen 7 4800H with Radeon Graphics</u>	2113	616	NA	NA
<u>Radeon Ryzen 5 5500U</u>	2111	617	NA	NA
<u>Radeon TM R9 A360</u>	2105	618	NA	NA
<u>FirePro M5100</u>	2102	619	NA	NA
<u>Radeon Ryzen 5 Microsoft Surface Edition</u>	2094	620	NA	NA
<u>Quadro P520</u>	2088	621	1.39	\$1,499.00*
<u>Radeon Vega 8 Ryzen 3 3200G</u>	2076	622	NA	NA
<u>GeForce GTX 580M</u>	2074	623	8.34	\$248.68*
<u>GRID M6-1Q</u>	2069	624	NA	NA
<u>Radeon RX Vega 11 Ryzen 5 3400G</u>	2067	625	NA	NA
<u>GeForce 945M</u>	2063	626	NA	NA
<u>Radeon Ryzen 5 5600U</u>	2062	627	NA	NA
<u>Quadro 5000M</u>	2059	628	NA	NA
<u>Radeon Ryzen 7 4700U</u>	2054	629	NA	NA
<u>Ryzen 5 PRO 4650GE with Radeon Graphics</u>	2040	630	NA	NA
<u>Radeon RX Vega 11 Ryzen 5 3350G</u>	2036	631	NA	NA
<u>Ryzen 7 4700U with Radeon Graphics</u>	2034	632	NA	NA
<u>Radeon Ryzen 7 PRO 4750U</u>	2032	633	NA	NA
<u>Ryzen 7 PRO 4750U with Radeon Graphics</u>	2029	634	NA	NA
<u>FirePro V7800</u>	2028	635	10.68	\$190.00*
<u>Ryzen 5 PRO 5650U with Radeon Graphics</u>	2027	636	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>GeForce GTX 460 SE</u>	2011	638	12.57	\$159.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon Pro W5500M</u>	2010	639	NA	NA
<u>Ryzen 5 5500U with Radeon Graphics</u>	2010	640	NA	NA
<u>Intel Iris Xe MAX</u>	2009	641	NA	NA
<u>Ryzen 5 PRO 4500U with Radeon Graphics</u>	2007	642	NA	NA
<u>GeForce GT 645</u>	2005	643	NA	NA
<u>Radeon Ryzen 7 PRO 5875U</u>	2000	644	NA	NA
<u>Radeon R9 M385X</u>	1993	645	NA	NA
<u>GeForce GTX 765M</u>	1989	646	10.68	\$186.30*
<u>Intel Iris Pro 580</u>	1987	647	NA	NA
<u>Radeon R7 + R7 350 Dual</u>	1982	648	NA	NA
<u>Radeon Ryzen 5 5560U</u>	1981	650	NA	NA
<u>Radeon Ryzen Embedded V2718</u>	1981	649	NA	NA
<u>Radeon HD 5850</u>	1978	651	6.85	\$288.99*
<u>Radeon HD 6850</u>	1972	652	23.20	\$85.00*
<u>Ryzen 3 5300G with Radeon Graphics</u>	1963	653	NA	NA
<u>Radeon R7 + HD 7700 Dual</u>	1962	654	NA	NA
<u>Radeon HD 7660D + HD 7700 Dual</u>	1958	655	NA	NA
<u>GeForce GTX 470M</u>	1953	656	NA	NA
<u>Radeon R7 450</u>	1949	657	6.52	\$299.00*
<u>GeForce GTX 675M</u>	1943	658	NA	NA
<u>GeForce GTX 460 v2</u>	1927	659	9.64	\$199.99*
<u>Intel Iris Xe MAX 100</u>	1924	660	NA	NA
<u>Radeon RX 570X</u>	1923	661	9.99	\$192.56*
<u>Radeon HD 7560D + 7700 Dual</u>	1919	662	NA	NA
<u>Quadro 5000</u>	1918	663	0.80	\$2,403.03
<u>Quadro K4000M</u>	1917	664	7.55	\$254.00*
<u>GeForce GTX 560 SE</u>	1914	665	21.27	\$89.99*
<u>Radeon Vega 11 Ryzen 5 PRO 3400G</u>	1913	666	NA	NA
<u>GeForce GTX 670MX</u>	1906	667	NA	NA
<u>Matrox C680 PCIe x16</u>	1903	668	NA	NA

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 540	1896	670	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	671	NA	NA
Radeon Pro WX 4130	1877	672	NA	NA
Qualcomm Adreno 8cx Gen 3	1875	673	NA	NA
GeForce GTX 570M	1874	674	NA	NA
Ryzen 5 4600U with Radeon Graphics	1873	675	NA	NA
GeForce GTX 645	1869	676	NA	NA
FirePro 3D V7800	1867	679	3.11	\$599.99*
GeForce MX130	1867	677	NA	NA
Ryzen 3 4300G with Radeon Graphics	1867	678	NA	NA
Quadro M520	1861	681	NA	NA
Radeon RX 640	1861	680	NA	NA
Radeon R9 M385	1853	682	NA	NA
GeForce 945A	1852	683	NA	NA
Radeon Ryzen 5 PRO 5675U	1849	684	NA	NA
Radeon Ryzen Embedded V2748	1842	685	NA	NA
FirePro M5100 FireGL V	1839	686	NA	NA
GRID M60-0B	1838	687	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce MX230	1835	688	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	689	NA	NA
Radeon R9 M375X	1828	690	NA	NA
Intel Iris Plus	1827	691	NA	NA
MxGPU	1826	692	NA	NA
Radeon Vega 11	1821	693	NA	NA
FirePro M6000	1820	694	5.58	\$325.99*
Matrox C900 PCIe x16	1812	695	NA	NA
Intel UHD Graphics 770	1807	696	NA	NA
Radeon R9 M360	1804	697	NA	NA
Ryzen 5 4500U with Radeon Graphics	1804	698	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	699	NA	NA
Radeon RX Vega 11 Processor	1799	700	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

<u>Radeon Pro WX 2100</u>	1795	702	NA	NA
<u>Ryzen 3 PRO 4350GE with Radeon Graphics</u>	1793	703	NA	NA
<u>Radeon Ryzen 5 4600GE with Radeon Graphics</u>	1792	704	NA	NA
<u>Radeon HD 8670D + 7700 Dual</u>	1788	705	NA	NA
<u>Radeon Vega 8 Ryzen 5 3550H</u>	1776	706	NA	NA
<u>Quadro 5010M</u>	1771	707	7.51	\$235.95*
<u>Intel Iris Plus 655</u>	1756	708	NA	NA
<u>GeForce GTX 650</u>	1753	709	15.94	\$109.98*
<u>FirePro M6000 Mobility Pro</u>	1750	710	NA	NA
<u>Intel UHD Graphics 750</u>	1749	711	NA	NA
<u>Firepro W5170M</u>	1748	712	NA	NA
<u>Ryzen 3 PRO 4200GE with Radeon Graphics</u>	1748	713	NA	NA
<u>GeForce GTX 670M</u>	1746	715	NA	NA
<u>Radeon Vega 11 Ryzen 5 PRO 3400GE w/</u>	1746	714	NA	NA
<u>Radeon Ryzen 3 PRO 5450U</u>	1731	716	NA	NA
<u>Intel UHD Graphics P750</u>	1726	717	NA	NA
<u>Radeon HD 5830</u>	1723	718	6.65	\$258.99*
<u>Intel Iris Plus 645</u>	1721	719	NA	NA
<u>Radeon Vega 8 Ryzen 3 PRO 3200G</u>	1715	720	NA	NA
<u>Radeon HD 6900M</u>	1707	721	NA	NA
<u>Radeon Ryzen 5 7600X 6-Core</u>	1703	722	NA	NA
<u>Radeon HD 7750</u>	1702	723	17.03	\$99.99*
<u>Ryzen 5 PRO 4650U with Radeon Graphics</u>	1702	724	NA	NA
<u>GeForce GTX 760M</u>	1697	725	NA	NA
<u>Radeon E8860</u>	1686	726	NA	NA
<u>Radeon Ryzen 7 7700 8-Core</u>	1685	727	NA	NA
<u>Radeon R7 M380</u>	1668	728	NA	NA
<u>Radeon RX Vega 10 Ryzen 7 3750H</u>	1664	729	NA	NA
<u>Intel UHD Graphics 730</u>	1656	730	NA	NA
<u>Radeon RX Vega 10</u>	1652	731	NA	NA
<u>Radeon HD HD7850M</u>	1651	732	NA	NA
<u>GeForce GT 755M</u>	1648	733	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>FirePro W600</u>	1641	735	3.96	\$414.99*
<u>Radeon HD 8870M</u>	1638	736	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Quadro K3000M</u>	1634	737	4.01	\$407.56*
<u>FirePro M4000 Mobility Pro</u>	1630	738	NA	NA
<u>Radeon R9 M275X</u>	1628	739	NA	NA
<u>Ryzen 3 5400U with Radeon Graphics</u>	1626	740	NA	NA
<u>Intel Iris Pro P6300</u>	1625	741	NA	NA
<u>Radeon R7 M465X</u>	1623	742	NA	NA
<u>GeForce GTX 480M</u>	1617	744	NA	NA
<u>Ryzen 7 2700U with Radeon Vega</u>	1617	743	NA	NA
<u>Tesla K40m</u>	1611	745	NA	NA
<u>FirePro M4000</u>	1608	746	22.09	\$72.83*
<u>Radeon HD 6790</u>	1607	747	5.47	\$294.00*
<u>Radeon RX Vega11</u>	1605	748	NA	NA
<u>Seria Radeon HD 7700</u>	1603	749	NA	NA
<u>Ryzen 3 PRO 5450U with Radeon Graphics</u>	1601	750	NA	NA
<u>Quadro P400</u>	1596	751	7.94	\$201.17*
<u>Radeon Vega 8</u>	1585	752	12.50	\$126.86*
<u>Radeon Vega 9</u>	1581	753	NA	NA
<u>Quadro K2000D</u>	1577	754	4.64	\$339.99*
<u>Intel Iris Plus 650</u>	1575	755	NA	NA
<u>Radeon R9 M275X / M375</u>	1574	756	NA	NA
<u>GeForce GTX 555</u>	1566	757	NA	NA
<u>Radeon Vega 10</u>	1562	758	NA	NA
<u>Quadro K2000</u>	1560	759	5.31	\$294.00*
<u>Radeon HD 7560D + HD 6670 Dual</u>	1554	760	NA	NA
<u>Ryzen 3 5300U with Radeon Graphics</u>	1549	761	NA	NA
<u>FirePro W4100</u>	1547	762	8.41	\$184.00*
<u>Radeon Ryzen 7 7800X3D 8-Core</u>	1547	763	NA	NA
<u>GeForce GT 740</u>	1545	764	6.52	\$236.99*
<u>Radeon HD 8470D + HD 7500 Dual</u>	1545	765	NA	NA

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 285	1540	767	12.84	\$119.99*
FirePro V8700	1538	768	9.75	\$157.88*
Ryzen 3 PRO 4450U with Radeon Graphics	1535	769	NA	NA
GeForce GTX 550 Ti	1532	771	15.32	\$99.99*
Radeon Ryzen 3 5425U	1532	770	NA	NA
Quadro P500	1528	772	NA	NA
Radeon R7 FX-9830P RADEON	1523	773	NA	NA
Radeon HD 4890	1518	774	16.88	\$89.99*
Radeon Ryzen 9 7950X3D 16-Core	1511	775	NA	NA
GeForce 940MX	1509	776	NA	NA
Radeon HD 7870M	1507	777	NA	NA
GeForce 845M	1506	778	NA	NA
Ryzen 5 2500U with Radeon Vega	1503	779	NA	NA
Radeon HD 6670 + 7660D Dual	1492	780	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1490	781	NA	NA
Radeon R9 M370X	1489	783	1.68	\$889.00*
Radeon Ryzen 5 PRO 4655G	1489	782	NA	NA
Quadro 4000	1486	784	1.42	\$1,049.99*
Radeon HD 7660D + HD 6670 Dual	1484	785	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R9 M365X	1481	786	NA	NA
Intel UHD Graphics	1480	787	NA	NA
Radeon RX Vega 8	1474	788	NA	NA
Radeon Vega 10 Mobile	1472	789	NA	NA
Radeon Ryzen 3 5300U	1467	790	NA	NA
Radeon RX Vega 10 Ryzen 7 3700U	1461	791	NA	NA
Radeon R9 255	1456	792	4.23	\$344.16*
GeForce MX110	1454	793	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	794	NA	NA
Radeon Eng Sample: 100-000000085-40_35/24_Y	1440	795	NA	NA
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1440	796	NA	NA
Intel Iris Pro Graphics 6200	1438	797	NA	NA

	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	GeForce GTX 660M	1433	800	18.15	\$78.99*	
	Radeon Vega 8 Mobile	1433	799	NA	NA	
	Intel Iris 650	1432	802	NA	NA	
	Radeon 540X	1432	801	NA	NA	
	Radeon HD 7560D + 7670 Dual	1426	803	NA	NA	
	GeForce GTX 275	1417	805	3.28	\$431.72*	
	Radeon R7 M370	1417	804	NA	NA	
	Radeon 550X	1415	806	NA	NA	
	Radeon Pro WX 4170	1409	807	NA	NA	
	Radeon Ryzen 7 3700U	1400	808	NA	NA	
	Radeon Vega 8 Ryzen 5 3500U	1389	809	NA	NA	
	Intel Iris 550	1388	810	NA	NA	
	Radeon HD 4870	1385	811	17.32	\$79.99*	
	Radeon Ryzen 3 PRO 4355GE	1385	812	NA	NA	
	Radeon HD 7560D + HD 7670 Dual	1380	813	NA	NA	
	FirePro W5130M	1379	814	NA	NA	
	Radeon HD 7850M	1372	815	NA	NA	
	Radeon 540	1370	816	NA	NA	
	FirePro M40003	1364	817	NA	NA	
	Radeon HD 8670D + 6670 Dual	1361	818	NA	NA	
	Quadro K2100M	1356	819	3.26	\$415.99*	
	Radeon HD 7560D + HD 7700 Dual	1346	820	NA	NA	
	Intel Iris Plus 640	1344	821	NA	NA	
	Radeon HD 5770	1344	822	7.08	\$189.99*	
	FireStream 9270	1341	823	NA	NA	
	GeForce GTS 450	1338	824	16.73	\$79.99*	
	Ryzen 3 4300U with Radeon Graphics	1335	825	NA	NA	
	Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1330	826	NA	NA	
	Radeon HD 8670D + HD 7600 Dual	1317	827	NA	NA	
	Quadro 4000M	1316	828	5.67	\$232.06*	
	FirePro M5950	1314	829	NA	NA	
	Radeon Vega 6	1310	830	0.73	\$1,799.99*	

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A8-8670E	1309	831	NA	NA
Radeon HD 8790M	1305	834	NA	NA
Tesla M2070-Q	1305	833	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 750M	1304	835	NA	NA
GeForce 930MX	1303	836	NA	NA
TENSOR 1.0 Driver Intel HD 630	1299	837	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1287	838	NA	NA
Radeon R7 A370	1281	839	NA	NA
FirePro V5900	1280	840	14.89	\$86.00*
Radeon Vega 8 Ryzen 5 3450U	1278	841	NA	NA
FirePro 3D V8750	1271	842	1.03	\$1,230.99*
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/	1271	843	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	844	NA	NA
Intel UHD Graphics 630	1259	845	NA	NA
Radeon HD 7560D + HD 7600 Dual	1258	846	NA	NA
Intel Iris 540	1251	847	NA	NA
GeForce GTX 280	1244	849	2.38	\$522.78*
Radeon 630	1244	848	NA	NA
Quadro 2000 D	1239	850	NA	NA
Radeon HD 8570D + 6570 Dual	1239	851	NA	NA
Radeon HD 6770	1238	852	4.67	\$264.99*
Radeon HD 7660D + 6670 Dual	1238	853	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	854	NA	NA
Radeon R7 + R5 340 Dual	1234	855	NA	NA
GeForce GTX 560M	1232	856	NA	NA
Radeon R7 + R7 250 Dual	1232	857	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1232	858	NA	NA
FirePro 3D V5800	1231	859	6.04	\$204.00*
GeForce GTX 460M	1231	860	NA	NA
GeForce GTX 260	1226	861	15.34	\$79.99*
GeForce GTX 760A	1226	862	NA	NA

	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	<u>Radeon HD 8670D + HD 6670 Dual</u>	1221	864	NA	NA	
	<u>Quadro FX 5800</u>	1219	865	<u>4.45</u>	<u>\$274.00*</u>	
	<u>Radeon Vega 6 Ryzen 3 3300U</u>	1216	866	NA	NA	
	<u>Radeon HD 8790M / R9 M290X</u>	1210	867	NA	NA	
	<u>GeForce GT 650M</u>	1207	868	NA	NA	
	<u>FirePro 3D V8700</u>	1206	870	<u>7.09</u>	<u>\$170.07*</u>	
	<u>Intel Iris Pro 5200</u>	1206	869	NA	NA	
	<u>GeForce GPU</u>	1205	871	NA	NA	
	<u>N16P-GX</u>	1204	872	NA	NA	
	<u>Radeon HD 7660D + 7540D Dual</u>	1204	873	NA	NA	
	<u>Radeon R9 M270X</u>	1204	874	NA	NA	
	<u>GeForce GT 745A</u>	1201	875	NA	NA	
	<u>Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition</u>	1201	876	NA	NA	
	<u>Radeon HD 7750M</u>	1191	877	NA	NA	
	<u>Radeon R7 +8G</u>	1190	878	NA	NA	
	<u>GeForce GTX 295</u>	1188	879	<u>7.43</u>	<u>\$159.99*</u>	
	<u>FirePro V5800</u>	1184	880	<u>22.34</u>	<u>\$53.00*</u>	
	<u>GeForce GT 640</u>	1183	881	<u>10.76</u>	<u>\$109.99*</u>	
	<u>GeForce 840A</u>	1179	882	NA	NA	
	<u>Radeon R7 A10-7870K</u>	1179	883	NA	NA	
	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
	<u>Radeon R7 Opteron X3421</u>	1168	884	NA	NA	
	<u>FireStream 9250</u>	1164	885	NA	NA	
	<u>Radeon Ryzen Embedded V2516</u>	1163	886	NA	NA	
	<u>Quadro K620M</u>	1162	888	NA	NA	
	<u>Radeon HD 5750</u>	1162	887	<u>16.62</u>	<u>\$69.99*</u>	
	<u>Barco MXRT 5400</u>	1161	890	<u>5.72</u>	<u>\$203.00*</u>	
	<u>NVS 810</u>	1161	889	<u>1.86</u>	<u>\$624.99*</u>	
	<u>Intel HD P630</u>	1160	891	NA	NA	
	<u>Intel HD P530</u>	1159	892	NA	NA	
	<u>Intel Coffee Lake UHD</u>	1158	893	NA	NA	
	<u>Firepro W4190M</u>	1156	894	NA	NA	

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Radeon Ryzen 3 7330U	1147	896	NA	NA
GeForce 940A	1144	897	NA	NA
GeForce 930A	1139	898	NA	NA
Radeon HD 8850M / R9 M265X	1139	899	NA	NA
GeForce 830A	1138	900	NA	NA
Radeon R7 A10-9700E RADEON	1137	901	NA	NA
Radeon HD 4850 X2	1132	902	NA	NA
Radeon HD 7560D + 6670 Dual	1130	903	NA	NA
Radeon R7 + R7 200 Dual	1128	904	NA	NA
Radeon HD 8650G + 7700M Dual	1126	905	NA	NA
Radeon HD 7660D + 7500 Dual	1121	906	NA	NA
FirePro M4170	1119	907	NA	NA
Radeon R7 A12-9800 RADEON	1118	908	NA	NA
GeForce 940M	1116	909	NA	NA
Intel HD 630	1114	911	NA	NA
Radeon 625	1114	912	NA	NA
Radeon R9 M275	1114	910	1.59	\$699.99*
Intel UHD Graphics 710	1102	913	NA	NA
Quadro 2100M	1100	916	NA	NA
Radeon HD 7660D + 6570 Dual	1100	914	NA	NA
Radeon R7 430	1100	915	5.50	\$199.99*
Radeon R7 M460	1099	917	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	918	NA	NA
Mobility Radeon HD 5870	1092	919	NA	NA
GeForce GTX 850M - MODDED	1091	920	NA	NA
GeForce GT 545	1090	921	19.62	\$55.59*
Radeon R7 250	1089	922	5.74	\$189.97*
GeForce GT 745M	1088	923	NA	NA
Quadro K1100M	1084	924	3.36	\$322.99*
MIRRORV3	1080	925	NA	NA
Radeon R7 M465	1080	926	NA	NA
Barco MXRT 5450	1079	928	5.40	\$199.99*
GeForce 920MX	1079	927	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Radeon HD 8450G + 8600/8700M Dual</u>	1070	930	NA	NA
<u>Radeon 535</u>	1069	931	NA	NA
<u>Radeon HD 7660D + 7670 Dual</u>	1061	932	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 7520G + 7700M Dual</u>	1060	933	NA	NA
<u>Firepro M4100</u>	1059	934	NA	NA
<u>Radeon Vega 3 Athlon 3000G</u>	1056	935	NA	NA
<u>Radeon R9 M265X</u>	1054	936	NA	NA
<u>OPAL XT/GL</u>	1053	937	NA	NA
<u>Radeon HD 7670A</u>	1050	938	NA	NA
<u>GeForce GTX 850A</u>	1049	939	NA	NA
<u>Radeon R7 A12-9730P RADEON</u>	1047	940	NA	NA
<u>Radeon R7 + R7 240 Dual</u>	1045	942	NA	NA
<u>Radeon R7 340</u>	1045	941	NA	NA
<u>Radeon R7 M350</u>	1042	943	NA	NA
<u>Radeon HD 8570D + 6670 Dual</u>	1039	944	NA	NA
<u>Intel UHD Graphics 620</u>	1036	945	NA	NA
<u>Radeon HD 8570D + HD 8570 Dual</u>	1032	946	NA	NA
<u>Radeon HD 8600/8700M</u>	1029	947	NA	NA
<u>Radeon R7 + R5 330 Dual</u>	1028	948	NA	NA
<u>Radeon HD 6750</u>	1020	949	12.76	\$79.99*
<u>Radeon HD 8670D + R7 240 Dual</u>	1020	950	NA	NA
<u>Quadro K2000M</u>	1017	951	7.06	\$144.04*
<u>FirePro W4170M</u>	1016	953	NA	NA
<u>Radeon HD 6700M</u>	1016	952	NA	NA
<u>GeForce 930M</u>	1014	955	NA	NA
<u>Radeon R5 A6-9500E 2C+4G</u>	1014	954	NA	NA
<u>Quadro 3000M</u>	1009	956	14.43	\$69.99*
<u>Radeon HD 7690M XT</u>	1009	958	NA	NA
<u>Radeon Vega 3 Mobile</u>	1009	957	NA	NA
<u>Radeon R7 M260X</u>	1006	959	NA	NA
<u>GeForce 830M</u>	1005	960	NA	NA

	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	<u>Radeon HD 7660G + HD 7500/7600 7500/7600 Dual</u>	1002	962	NA	NA	
	<u>Radeon HD 7660G + HD 7500M/7600M Dual</u>	999	964	NA	NA	
	<u>Radeon HD 8570D + R7 200 Dual</u>	999	963	NA	NA	
	<u>Radeon HD 7640G + HD 8750M Dual</u>	996	965	NA	NA	
	<u>Quadro FX 4800</u>	995	966	4.88	\$204.00*	
	<u>Intel HD 530</u>	993	967	NA	NA	
	<u>Radeon 530</u>	993	969	NA	NA	
	<u>Radeon R7 A265</u>	993	968	NA	NA	
	<u>Radeon HD 7560D + 7570 Dual</u>	985	970	NA	NA	
	<u>Radeon HD 8690M</u>	984	972	NA	NA	
	<u>Radeon R5 340</u>	984	973	NA	NA	
	<u>Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G</u>	984	971	NA	NA	
	<u>Radeon Ryzen 5 3450U</u>	983	974	NA	NA	
	<u>Radeon HD 7560D + 7560D Dual</u>	982	975	NA	NA	
	<u>Radeon R7 A10-7850K</u>	979	976	NA	NA	
	<u>Radeon R7 PRO A10-9700E</u>	978	977	1.85	\$529.00*	
	<u>FirePro V4900</u>	977	979	6.51	\$149.99*	
	<u>Radeon R5 A10-9630P 4C+6G</u>	977	978	NA	NA	
	<u>Quadro 2000D</u>	975	980	6.96	\$140.00*	
	<u>Radeon HD 8670D + 8570 Dual</u>	974	981	NA	NA	
	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
	<u>Radeon HD 8850M</u>	973	982	NA	NA	
	<u>Radeon R6 A10-9600P 4C+6G</u>	970	983	NA	NA	
	<u>Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D</u>	966	985	NA	NA	
	<u>Radeon R7 PRO A12-8870E</u>	966	984	NA	NA	
	<u>Radeon HD 6770M</u>	964	986	NA	NA	
	<u>Radeon HD 8570D + R7 240 Dual</u>	963	987	NA	NA	
	<u>Qualcomm Adreno 690 GPU</u>	962	988	NA	NA	
	<u>Radeon HD 8570</u>	962	990	9.75	\$98.68*	
	<u>Radeon R7 PRO A8-9600</u>	962	989	NA	NA	
	<u>Radeon R6 Opteron X3418</u>	955	991	NA	NA	

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

<u>Radeon R7 M445</u>	952	992	1.28	\$744.00*
<u>Radeon HD 8570 + HD 7660D Dual</u>	949	995	NA	NA
<u>Radeon HD 8670D + R7 200 Dual</u>	949	994	NA	NA
<u>Quadro CX</u>	947	996	6.32	\$149.95*
<u>Radeon HD 6670/7670</u>	945	997	NA	NA
<u>Radeon HD 7640G + 7690M Dual</u>	945	998	NA	NA
<u>Radeon R7 PRO A10-8850B</u>	945	999	NA	NA
<u>Radeon HD 8750M</u>	944	1000	NA	NA
<u>Quadro 2000</u>	942	1001	4.42	\$213.23*
<u>Radeon HD 7660D + R7 240 Dual</u>	941	1002	NA	NA
<u>Radeon R7 A12-9800E RADEON</u>	940	1003	6.76	\$139.19*
<u>Radeon R9 M375</u>	940	1004	NA	NA
<u>Radeon HD 6750M</u>	937	1005	NA	NA
<u>Radeon HD 4850</u>	936	1007	2.48	\$378.00*
<u>Radeon R7 PRO A12-9800E</u>	936	1006	NA	NA
<u>Radeon HD 7560D + HD 8570 Dual</u>	935	1008	NA	NA
<u>Radeon R7 PRO A12-9800</u>	933	1009	NA	NA
<u>Radeon HD 7660G + 7730M Dual</u>	931	1010	NA	NA
<u>Radeon R7 240 + HD 8670D Dual</u>	930	1011	NA	NA
<u>FirePro M4150</u>	928	1012	NA	NA
<u>Intel HD Graphics 620</u>	927	1013	NA	NA
<u>Intel Iris Pro 6100</u>	925	1014	NA	NA
<u>Radeon R7 PRO A12-8870</u>	919	1015	NA	NA
<u>GeForce GT 645M</u>	917	1016	NA	NA
<u>Radeon R7 240 + HD 8570D Dual</u>	917	1017	NA	NA
<u>Radeon R7 A10-9700 RADEON</u>	916	1018	NA	NA
<u>Radeon R7 A10 PRO-7850B</u>	914	1019	NA	NA
<u>GRID M10-0Q</u>	913	1020	NA	NA
<u>GeForce GT 640M</u>	912	1021	NA	NA
<u>GRID K220Q</u>	912	1023	NA	NA
<u>Radeon R7 A8-8650</u>	912	1022	NA	NA
<u>GRID M6-0B</u>	911	1024	NA	NA
<u>Radeon 6750M</u>	911	1025	NA	NA

Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
<u>Radeon R7 A8-7500</u>		907	1026	NA	NA	
<u>Radeon R7 A10-7860K</u>		906	1028	NA	NA	
<u>Radeon HD 8550G + 7600M Dual</u>		901	1030	NA	NA	
<u>Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G</u>		901	1029	NA	NA	
Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
<u>Barco MXRT 2600</u>		900	1032	4.52	\$199.00*	
<u>Barco MXRT 7400</u>		900	1031	9.10	\$99.00*	
<u>Radeon 620</u>		897	1034	NA	NA	
<u>Radeon R7 + R5 Dual</u>		897	1033	NA	NA	
<u>7900 MOD - Radeon HD 6550D</u>		892	1035	NA	NA	
<u>FirePro W2100</u>		892	1036	15.13	\$59.00*	
<u>Intel UHD Graphics 617</u>		887	1038	NA	NA	
<u>Radeon HD 4770</u>		887	1037	14.80	\$59.99*	
<u>Radeon Vega 3</u>		886	1039	0.33	\$2,677.99*	
<u>Radeon R7 + R5 435 Dual A10-9700 RADEON</u>		885	1040	NA	NA	
<u>Radeon R7 PRO A10-8770</u>		885	1041	NA	NA	
<u>Radeon HD 8650G + 7670M Dual</u>		883	1043	NA	NA	
<u>Radeon R7 240</u>		883	1044	8.03	\$109.99*	
<u>Radeon R7 M440</u>		883	1042	NA	NA	
<u>Radeon HD 7660G + HD 7730M Dual</u>		881	1045	NA	NA	
<u>Radeon R7 A10-8750</u>		878	1046	NA	NA	
<u>Radeon E6760</u>		876	1047	3.65	\$239.99*	
<u>GeForce 920A</u>		874	1048	NA	NA	
<u>Intel HD 520</u>		871	1049	NA	NA	
<u>Radeon R7 G</u>		869	1050	NA	NA	
<u>Radeon HD 8570D + HD 6570 Dual</u>		868	1052	NA	NA	
<u>Radeon Vega 3 Athlon 300U</u>		868	1051	NA	NA	
<u>Mobility Radeon HD 4850</u>		866	1053	NA	NA	
<u>Radeon HD 8470D + HD 6450 Dual</u>		862	1055	NA	NA	
<u>Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G</u>		862	1054	NA	NA	
<u>Radeon 520</u>		861	1056	9.57	\$89.99*	

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + HD 7600M Dual	854	1058	NA	NA
FirePro 3D V4800	853	1060	5.33	\$159.99*
Qualcomm Adreno 685 GPU	853	1059	NA	NA
Radeon R5 A6-9500 2C+6G	853	1061	NA	NA
Radeon R7 A8-7500 4C+6G	853	1062	NA	NA
Radeon HD 8500M/8700M	852	1063	NA	NA
Radeon Vega 3 Ryzen 3 3250U	849	1064	NA	NA
Radeon R7 A8-7670K	848	1065	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1067	NA	NA
Radeon Vega 3 Ryzen 3 3200U	847	1066	NA	NA
Radeon HD 4830	845	1068	14.09	\$59.99*
GeForce GT 445M	843	1069	NA	NA
Radeon R5 435	840	1070	NA	NA
GeForce GT 635	839	1071	12.55	\$66.94*
FireGL V8600	838	1072	NA	NA
Radeon HD 8470D + 6570 Dual	837	1073	NA	NA
Radeon HD 8670D + R5 235 Dual	836	1074	NA	NA
Radeon HD 6650A	835	1075	NA	NA
Radeon R7 A8-9600 RADEON	834	1076	NA	NA
Radeon HD 7560D + 6570 Dual	833	1079	NA	NA
Radeon HD 7670	833	1078	NA	NA
Radeon Ryzen 3 3250U	833	1077	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + HD 7500/7600 Dual	832	1081	NA	NA
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	832	1080	NA	NA
Radeon HD 7660G + 7600M Dual	831	1084	NA	NA
Radeon HD 8650G + 8600/8700M Dual	831	1082	NA	NA
Radeon Vega 3 Athlon Silver 3050U	831	1083	NA	NA
Intel HD 5200	830	1085	NA	NA
GRID M60-0Q	827	1086	NA	NA
GeForce GT 730	825	1087	7.50	\$109.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1089	NA	NA
Radeon HD 3850 X2	822	1090	NA	NA
GeForce GT 730M	821	1093	NA	NA
Radeon HD 7540D + 7500 Dual	821	1091	NA	NA
Radeon R7 A8-7680	821	1092	NA	NA
Radeon HD 8550G + HD 8750M Dual	819	1095	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1094	NA	NA
Radeon R7 A10 Extreme Edition	816	1098	NA	NA
Radeon R7 FX-8800P	816	1097	NA	NA
Radeon R7 M260DX	816	1096	NA	NA
Radeon 535DX	813	1099	NA	NA
Radeon R7 A10 PRO-7800B	813	1101	NA	NA
Radeon R9 M280X	813	1100	NA	NA
Radeon HD 8670D + 7000 Dual	811	1102	NA	NA
Radeon R7 PRO A10-8770E	810	1103	NA	NA
Radeon R7 PRO A10-9700	810	1104	NA	NA
Radeon HD 6800M	808	1105	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1106	NA	NA
Radeon R5 M435	801	1107	NA	NA
Radeon HD 8650G + HD 8790M Dual	799	1109	NA	NA
Radeon R7 A10-7700K	799	1108	NA	NA
GeForce 9800 GX2	797	1110	4.09	\$195.00*
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1111	NA	NA
Radeon HD 8550G + 8750M Dual	795	1112	NA	NA
Radeon R8 M445DX	795	1113	NA	NA
Quadro FX 3800	794	1114	3.07	\$259.13*
Quadro K1000M	789	1115	11.29	\$69.95*
GeForce GT 740M	788	1116	NA	NA
Radeon HD 5670	788	1117	11.76	\$67.00*
A40-6Q	787	1118	NA	NA
Radeon HD 8650G + 8750M Dual	786	1119	NA	NA

Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
Radeon R7 A8-7600		782	1121	NA	NA	
Radeon R7 A365		781	1123	NA	NA	
Radeon R7 PRO A6-9500 2C+6G		781	1122	NA	NA	
Quadro 2000M		780	1124	3.40	\$229.74*	
Radeon HD 8650G + HD 8750M Dual		778	1125	NA	NA	
Radeon HD 7660G + HD 7700M Dual		777	1127	NA	NA	
Radeon R7 A10-7890K		777	1126	NA	NA	
GeForce GT 440		775	1128	3.45	\$225.00*	
Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
Radeon HD 7640G + 7500M/7600M Dual		775	1129	NA	NA	
Mobility Radeon HD 5000		773	1132	NA	NA	
Radeon HD 7600M + 7600M Dual		773	1130	NA	NA	
Radeon HD 8650G N HD 8650G + HD 8570M Dual		773	1131	NA	NA	
Radeon R7 A10-8850		773	1133	NA	NA	
GeForce 730A		771	1134	NA	NA	
Radeon R5 PRO A6-9500E 2C+4G		770	1135	NA	NA	
GeForce 9800 GTX		769	1137	10.26	\$74.99*	
Radeon HD 4810		769	1136	NA	NA	
Quadro K420		768	1139	2.86	\$269.00*	
Radeon R7 M365X		768	1138	NA	NA	
Intel UHD Graphics 615		764	1140	NA	NA	
Mobility Radeon HD 5850		763	1142	NA	NA	
Radeon HD 8650G + HD 8600/8700M Dual		763	1141	NA	NA	
Radeon HD 6450 + 8470D Dual		762	1143	NA	NA	
Quadro K600		761	1144	12.64	\$60.24*	
Radeon HD 7660G + HD 7500/7600 Dual		760	1145	NA	NA	
Radeon HD 6650M		759	1147	NA	NA	
Radeon Vega 3 Ryzen Embedded R1505G		759	1146	NA	NA	
Radeon HD 7660G + HD 8500M Dual		758	1148	NA	NA	
Radeon HD 7660G + 7700M Dual		757	1151	NA	NA	
Radeon HD 8650G + HD 8600M N HD 8600M Dual		757	1150	NA	NA	

Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
Quadro 1100M		755	1152	NA	NA	
Radeon HD 7640G + 7450M Dual		754	1153	NA	NA	
Radeon HD 8570D + HD 7000 Dual		753	1154	NA	NA	
Intel Iris 5100		751	1155	NA	NA	
Radeon R7 A12-9720P RADEON		750	1156	2.05	\$365.48*	
Radeon R7 M270		750	1157	NA	NA	
Incredible HD 4600		749	1158	NA	NA	
Radeon M535DX		749	1159	NA	NA	
Radeon HD 7640G + 7650M Dual		747	1160	NA	NA	
Radeon HD 7660G + HD 8600/8700M Dual		747	1161	NA	NA	
Radeon HD 8670D + R5 330 Dual		746	1162	NA	NA	
Radeon HD 7660G + 7610M Dual		745	1163	NA	NA	
Radeon HD 7660G + 7670M Dual		743	1165	NA	NA	
Radeon R5 235 + HD 7560D Dual		743	1164	NA	NA	
GeForce GT 730A		742	1166	NA	NA	
Radeon HD 8650G + 7600M Dual		741	1167	NA	NA	
Radeon R7 FX-9800P RADEON		740	1168	1.40	\$530.00*	
GeForce GT 340		738	1170	13.93	\$52.99*	
Intel Poison Ivy		738	1169	NA	NA	
Radeon HD 7670M + 7670M Dual		738	1171	NA	NA	
Radeon R5 235 + HD 8570D Dual		737	1172	NA	NA	
Radeon R7 A8-7650K		737	1173	NA	NA	
Radeon R7 PRO A8-8650B		735	1174	NA	NA	
Radeon HD 6670		733	1175	10.64	\$68.99*	
Radeon R5 A10-9620P 4C+6G		731	1176	NA	NA	
Radeon HD 7550M/7650M		728	1177	NA	NA	
Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
Radeon R7 A12-9700P RADEON		728	1178	1.67	\$435.92*	
GeForce 920M		727	1179	NA	NA	
GRID K140Q		727	1180	NA	NA	
Intel HD 615		727	1181	NA	NA	
Intel UHD Graphics 610		723	1182	NA	NA	

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Radeon HD 8650G + R5 M200 Dual	722	1184	NA	NA
NVS 510	721	1187	2.82	\$255.53*
Quadro K610M	721	1186	3.01	\$240.00*
Radeon HD 7730M	721	1185	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1188	NA	NA
Mobility Radeon HD 4870	719	1189	NA	NA
Radeon HD 7540D + 6570 Dual	719	1190	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1191	NA	NA
Radeon HD 8470D + 6450 Dual	717	1192	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1193	NA	NA
Radeon Athlon Gold 3150U	715	1194	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1195	NA	NA
Radeon HD 3870 X2	708	1197	NA	NA
Radeon R7 A10-7800	708	1196	NA	NA
Radeon HD 6550A	707	1199	NA	NA
Radeon R7 PRO A12-9800B	707	1198	NA	NA
Radeon HD 7660G + HD 7670M Dual	706	1200	NA	NA
Radeon R7 PRO A10-9700B	706	1201	NA	NA
Radeon HD 7640G + 7600M Dual	705	1202	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1205	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1203	NA	NA
Radeon R5 A6-7480	704	1204	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	702	1206	NA	NA
Intel HD 610	700	1207	NA	NA
Radeon HD 7570M/HD 7670M	699	1210	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	699	1208	NA	NA
TRINITY DEVASTATOR MOBILE	699	1209	NA	NA
Radeon HD 8730M	698	1211	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1212	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1213	NA	NA
Radeon HD 7640G + 7700M Dual	690	1214	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Radeon HD 7640G + 8600/8700M Dual	688	1216	NA	NA
Radeon HD 8650G + R5 M230 Dual	686	1217	NA	NA
GeForce GT 630	685	1219	4.66	\$147.01*
Radeon HD 8550D	685	1218	NA	NA
GeForce GT 530	684	1220	13.98	\$49.00*
Radeon HD 6630M	684	1221	NA	NA
GRID P40-3Q	681	1222	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1224	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1223	NA	NA
GeForce GTS 160M	678	1225	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1226	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 4700 X2	676	1228	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1227	NA	NA
Radeon R8 M535DX	670	1230	NA	NA
Radeon Vega 3 3020e	670	1229	NA	NA
GeForce GT 640M LE	669	1232	0.79	\$849.99*
Radeon R7 A8 PRO-7600B	669	1231	NA	NA
GeForce GT 740A	667	1233	NA	NA
GeForce GTS 360M	666	1234	NA	NA
FirePro M7740	665	1236	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1235	NA	NA
Radeon HD 8550G + 8690M Dual	664	1237	NA	NA
Radeon R5 A6-9500E RADEON R5_6 COMPUTE CORES 2C+4	664	1238	NA	NA
GeForce GT 555M	662	1239	3.74	\$177.20*
FireGL V7700	660	1241	9.43	\$69.99*
Radeon HD 5600/5700	660	1240	NA	NA
Radeon HD 2900 XT	659	1243	NA	NA
Radeon R7 M340	659	1242	NA	NA
Radeon R5 PRO A8-9600B 4C+6G	658	1244	NA	NA

Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
<u>Radeon R7 A360</u>		657	1245	NA	NA	
<u>Radeon HD 7640G + 8750M Dual</u>		654	1247	NA	NA	
<u>Radeon HD 8550G + HD 8600/8700M Dual</u>		654	1248	NA	NA	
<u>Radeon HD 8650G + 8570M Dual</u>		654	1249	NA	NA	
<u>Radeon HD 7520G + HD 8750M Dual</u>		651	1250	NA	NA	
<u>GeForce GTX 285M</u>		650	1252	NA	NA	
<u>GRID K1</u>		650	1251	1.65	\$395.00*	
<u>SUMO 9640</u>		650	1253	NA	NA	
<u>FirePro V3900</u>		649	1254	2.73	\$238.44*	
<u>Radeon R5 M430</u>		648	1255	NA	NA	
<u>FireStream 9170</u>		647	1256	NA	NA	
<u>Radeon HD 6670 + 6670 Dual</u>		646	1257	NA	NA	
<u>Radeon HD 8610G + HD 8500M Dual</u>		645	1258	NA	NA	
<u>Intel HD P4600/P4700</u>		644	1260	NA	NA	
<u>Radeon HD 7640G + 7670M Dual</u>		644	1259	NA	NA	
<u>Radeon HD 7540D + HD 6450 Dual</u>		643	1261	NA	NA	
<u>GeForce 8800 Ultra</u>		642	1263	NA	NA	
<u>Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G</u>		642	1262	NA	NA	
<u>Intel HD 5600</u>		639	1264	NA	NA	
<u>Radeon HD 7640G + 7400M Dual</u>		637	1266	NA	NA	
<u>Radeon HD 8450G + 8750M Dual</u>		637	1267	NA	NA	
<u>Radeon R5 PRO A6-8570E 2C+4G</u>		637	1265	NA	NA	
<u>GeForce 9800 S</u>		635	1268	NA	NA	
<u>Radeon HD 8650G + 8670M Dual</u>		635	1269	NA	NA	
<u>Radeon HD 8650G + HD 7670M Dual</u>		634	1270	NA	NA	
<u>GeForce GT 710</u>		633	1272	2.53	\$249.99*	
<u>NVS 5400M</u>		633	1273	NA	NA	
<u>Radeon HD 7660D + HD 7000 Dual</u>		633	1271	NA	NA	
<u>Radeon HD 7610M</u>		632	1274	NA	NA	
<u>GeForce 720A</u>		631	1277	NA	NA	
Videocard Name		Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
<u>Intel HD 4600</u>		631	1275	NA	NA	

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Radeon Athlon Silver 3050U	630	1280	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1278	NA	NA
Radeon HD 7660G + 7470M Dual	630	1279	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1281	NA	NA
GRID K160Q	628	1282	NA	NA
Radeon HD 2900 PRO	627	1283	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1284	NA	NA
Radeon HD 8650G + 8500M Dual	626	1285	NA	NA
Intel HD 510	623	1287	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1286	NA	NA
GeForce 810A	622	1288	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1289	NA	NA
Radeon R6	621	1290	NA	NA
Radeon HD 8570 + 8670D Dual	620	1291	NA	NA
Radeon HD 7570	619	1292	6.05	\$102.49*
Radeon HD 8550G + R5 M200 Dual	619	1293	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1294	NA	NA
Radeon HD 8550G + 8600M Dual	617	1295	NA	NA
GeForce GTS 250	616	1297	8.81	\$69.99*
Radeon HD 7500G + 7500M/7600M Dual	616	1296	NA	NA
FireGL V7600	615	1299	NA	NA
Quadro FX 3800M	615	1300	NA	NA
Radeon HD 7660G + HD 7600M Dual	615	1298	NA	NA
Radeon HD 8650G + 8600M Dual	613	1302	NA	NA
Radeon Vega 3 Athlon 320GE	613	1301	NA	NA
GeForce GT 720	611	1304	6.12	\$99.99*
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1303	NA	NA
7900 MOD - Radeon HD 6520G	610	1307	NA	NA
GeForce GT 735M	610	1305	NA	NA
Quadro K510M	610	1309	NA	NA
Qualcomm Adreno 680 GPU	610	1308	NA	NA
Radeon HD 8610G + 8500M Dual	610	1310	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

<u>GeForce 9800 GTX/9800 GTX+</u>	608	1311	6.76	\$89.99*
<u>Radeon HD 7640G + HD 8500M Dual</u>	607	1312	NA	NA
<u>Radeon HD 8650G + HD 8600M Dual</u>	606	1313	NA	NA
<u>Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G</u>	605	1315	NA	NA
<u>Radeon R6 M255DX</u>	605	1314	NA	NA
<u>Intel HD P4600</u>	604	1316	NA	NA
<u>Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G</u>	604	1317	NA	NA
<u>Radeon HD 8550G + 8500M Dual</u>	602	1318	NA	NA
<u>GeForce GT 720A</u>	600	1319	NA	NA
<u>Radeon HD 8610G + 8670M Dual</u>	599	1320	NA	NA
<u>Radeon R8 M365DX</u>	599	1321	NA	NA
<u>Matrox C420 LP PCIe x16</u>	597	1323	NA	NA
<u>Radeon R7 PRO A12-8800B</u>	597	1322	NA	NA
<u>GeForce GT 430</u>	596	1324	4.26	\$139.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 8510G + 8500M Dual</u>	596	1325	NA	NA
<u>GeForce 8800 GTS 512</u>	595	1327	NA	NA
<u>GeForce 8800 GTX</u>	595	1328	4.96	\$119.99*
<u>Radeon HD 7640G + 7470M Dual</u>	595	1329	NA	NA
<u>Radeon R5 M330</u>	595	1326	NA	NA
<u>Radeon R7 PRO A12-8830B</u>	595	1330	NA	NA
<u>Radeon HD 8550G + HD 8600M Dual</u>	593	1331	NA	NA
<u>GeForce GTS 240</u>	592	1332	9.12	\$64.99*
<u>GeForce 910M</u>	591	1333	NA	NA
<u>Radeon HD 7520G + 7600M Dual</u>	591	1334	NA	NA
<u>Radeon HD 7640G + HD 7700M Dual</u>	589	1335	NA	NA
<u>Radeon HD 7520G + 7610M Dual</u>	588	1337	NA	NA
<u>Radeon HD 7660G + 7400M Dual</u>	588	1338	NA	NA
<u>Radeon HD 8610G + 8600M Dual</u>	588	1336	NA	NA
<u>Radeon HD 7660G + 8670M Dual</u>	587	1339	NA	NA
<u>Radeon HD 7640G + HD 8600/8700M Dual</u>	586	1340	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Radeon HD 7640G + 8500M Dual	585	1342	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1343	NA	NA
GeForce GT 820M	584	1344	NA	NA
GeForce GT 550M	583	1345	NA	NA
Intel HD 5500	582	1346	NA	NA
Radeon HD 7520G + 7500/7600 Dual	582	1347	NA	NA
Quadro 1000M	579	1349	10.63	\$54.50*
Radeon HD 8550G + 8670M Dual	579	1348	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1350	NA	NA
Radeon HD 7620G + 8670M Dual	577	1352	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1351	NA	NA
Intel Skylake HD DT GT2	576	1353	NA	NA
Radeon R5 A240	576	1354	NA	NA
GeForce GTX 280M	575	1355	NA	NA
Radeon HD 7650A	575	1356	2.20	\$262.00*
Radeon HD 7520G + HD 7700M Dual	574	1357	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1359	NA	NA
Radeon HD 8450G + HD 8670M Dual	574	1360	NA	NA
Radeon R5 420	574	1358	14.39	\$39.95*
Intel HD 5000	573	1361	0.92	\$625.00*
Quadro 500M	570	1362	2.07	\$275.14*
Radeon R6 + R7 M265DX Dual	570	1363	NA	NA
GeForce GTS 250M	569	1364	NA	NA
Radeon HD 7560D + 6450 Dual	568	1365	NA	NA
GeForce GT 635M	567	1366	NA	NA
Radeon HD 3870	566	1367	8.09	\$69.99*
Radeon HD 6610M	565	1368	NA	NA
Radeon R7E	564	1369	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1370	NA	NA
Radeon HD 6570	562	1371	8.66	\$64.99*
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	562	1372	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1373	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

(higher is better)				
Radeon HD 7640G + 8570M Dual	558	1377	NA	NA
Radeon HD 7640G + 8670M Dual	558	1375	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1374	NA	NA
Radeon R7 M360	558	1376	NA	NA
GeForce 820A	557	1378	NA	NA
Radeon HD 8650G	555	1379	NA	NA
GF117	554	1380	NA	NA
Radeon R7 7850A10-7850K	551	1381	NA	NA
FireGL V8650	550	1382	1.84	\$298.99*
Radeon R5 M335	548	1383	NA	NA
GeForce GT 630M	547	1384	NA	NA
Mobility Radeon HD 3870	547	1385	NA	NA
FirePro 3D V5700	546	1386	1.71	\$319.99*
Quadro 600	546	1387	7.19	\$76.00*
Radeon HD 8550G + HD 8670M Dual	546	1388	NA	NA
FirePro 3D V7750	545	1390	1.56	\$350.00*
Radeon HD 8450G + 8600M Dual	545	1389	NA	NA
Mobility Radeon HD 5570	544	1392	NA	NA
Radeon HD 7520G + HD 7400M Dual	544	1391	NA	NA
Quadro FX 2700	543	1394	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1393	NA	NA
Radeon HD 7520G + 7470M Dual	542	1396	NA	NA
Radeon HD 8670D	542	1395	NA	NA
Quadro FX 5600	539	1398	1.83	\$295.00*
Qualcomm Adreno 675 GPU	539	1397	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1399	NA	NA
Radeon R7 M265	537	1400	NA	NA
Radeon HD 7560D + HD 7000 Dual	534	1401	NA	NA
GRID K180Q	533	1403	NA	NA
Radeon R6 A10-8700P	533	1402	NA	NA
Radeon HD 8550G + 8570M Dual	532	1404	NA	NA
RADEON HD6530D	531	1406	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Radeon Vega 3 Athlon Silver 3050e</u>	530	1407	NA	NA
<u>Radeon HD 8550G + HD 8570M Dual</u>	529	1408	NA	NA
<u>GeForce GT 240</u>	528	1409	3.28	\$160.97*
<u>Radeon HD 7600G N HD 7600G + HD ON HD Dual</u>	526	1411	NA	NA
<u>Radeon HD 7640G + 6400M Dual</u>	526	1410	NA	NA
<u>Radeon R5 240</u>	525	1412	6.18	\$85.00*
<u>GeForce GT 425M</u>	523	1414	NA	NA
<u>Radeon HD 7520G + 7670M Dual</u>	523	1415	NA	NA
<u>Radeon HD 7660D + R5 235 Dual</u>	523	1413	NA	NA
<u>Radeon R5 M255</u>	522	1416	NA	NA
<u>NVS 5200M</u>	521	1417	NA	NA
<u>Radeon HD 8670M</u>	520	1418	NA	NA
<u>Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G</u>	520	1419	NA	NA
<u>GeForce GT 435M</u>	519	1420	NA	NA
<u>Intel HD 4400</u>	519	1421	NA	NA
<u>Radeon HD 7640G + HD 7670M Dual</u>	518	1422	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Incredible HD 4000</u>	517	1423	NA	NA
<u>Intel HD P4000</u>	516	1424	NA	NA
<u>Radeon R5 330</u>	512	1425	1.51	\$339.99*
<u>Mobility Radeon HD 4830</u>	511	1426	NA	NA
<u>Radeon HD 7640G + 7610M Dual</u>	510	1427	NA	NA
<u>GeForce 615</u>	509	1428	NA	NA
<u>Radeon HD 7600G + HD 7550M Dual</u>	509	1429	NA	NA
<u>Radeon HD 7620G + 8600M Dual</u>	508	1430	NA	NA
<u>Radeon R5 PRO A6-8500B 2C+4G</u>	508	1431	NA	NA
<u>Radeon HD 7620G + HD 8670M Dual</u>	507	1432	NA	NA
<u>GeForce 820M</u>	506	1434	NA	NA
<u>GeForce 9800 GTX+</u>	506	1435	NA	NA
<u>Radeon HD 7660D</u>	506	1433	NA	NA
<u>Radeon Vega 2</u>	506	1436	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>GeForce GTS 150M</u>	504	1438	NA	NA
<u>Radeon HD 8450G + HD 8750M Dual</u>	503	1439	NA	NA
<u>GeForce 8800 GT</u>	502	1440	7.17	\$69.99*
<u>Mobility Radeon HD 5730</u>	498	1441	NA	NA
<u>Radeon R7 M265DX</u>	498	1442	NA	NA
<u>TRINITY SCRAPPER MOBILE</u>	498	1443	NA	NA
<u>Radeon HD 7500G + 7550M Dual</u>	497	1445	NA	NA
<u>SUMO 964A</u>	497	1444	NA	NA
<u>ASUS EAH4870x2</u>	496	1447	NA	NA
<u>GeForce 9600 GT</u>	496	1446	7.64	\$64.99*
<u>Radeon HD 7520G + HD 7670M Dual</u>	495	1448	NA	NA
<u>GeForce GT625M</u>	493	1449	NA	NA
<u>Radeon HD8530M</u>	490	1450	NA	NA
<u>GeForce GT 540M</u>	488	1452	5.56	\$87.95*
<u>Radeon HD 8670D N HD 8670D + HD 8670D Dual</u>	488	1451	NA	NA
<u>Radeon HD 8550G + R5 M230 Dual</u>	487	1453	NA	NA
<u>Radeon R4E</u>	487	1454	NA	NA
<u>Radeon HD 7520G + 7400M Dual</u>	486	1455	NA	NA
<u>Radeon HD 5570</u>	482	1456	2.68	\$179.99*
<u>Radeon HD 8690A</u>	481	1457	NA	NA
<u>Radeon HD 8610G + HD 8600M Dual</u>	480	1458	NA	NA
<u>Mobility Radeon HD 5000 Serisi</u>	478	1459	NA	NA
<u>Radeon 3020e</u>	478	1460	NA	NA
<u>Mobility Radeon HD 3870 X2</u>	477	1461	NA	NA
<u>Radeon HD 7600G + HD 7500M/7600M Dual</u>	476	1463	NA	NA
<u>Radeon HD 7670M</u>	476	1462	0.76	\$629.99*
<u>Radeon HD 7640G + HD 8570M Dual</u>	474	1466	NA	NA
<u>Radeon HD 8450G + 8670M Dual</u>	474	1465	NA	NA
<u>Radeon R6 A8-8600P</u>	474	1464	NA	NA
<u>Radeon R7 M260</u>	474	1467	0.59	\$799.00*
<u>GeForce 9800 GT</u>	473	1468	6.32	\$74.99*
<u>FirePro 3D V3800</u>	472	1469	3.15	\$149.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Radeon HD 8570D + R5 235 Dual</u>	470	1471	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon R5 M420</u>	470	1472	NA	NA
<u>Radeon R5 M315</u>	469	1473	NA	NA
<u>GeForce GT 720M</u>	467	1474	NA	NA
<u>GeForce 710A</u>	466	1477	NA	NA
<u>Quadro FX 1800M</u>	466	1476	NA	NA
<u>Quadro FX 3600M</u>	466	1475	NA	NA
<u>Radeon HD 7660D + 7470 Dual</u>	465	1479	NA	NA
<u>SUMO 9644</u>	465	1478	NA	NA
<u>FirePro V5700</u>	464	1481	2.47	\$188.06*
<u>Radeon HD 7550M</u>	464	1480	NA	NA
<u>Mobility Radeon HD 4670</u>	463	1483	NA	NA
<u>Radeon HD 7560D</u>	463	1484	NA	NA
<u>Radeon HD 7640G</u>	463	1482	NA	NA
<u>GeForce 710M</u>	462	1485	NA	NA
<u>GeForce 8800M GTX</u>	462	1486	NA	NA
<u>GeForce 9800M GS</u>	460	1487	NA	NA
<u>Radeon HD 7660G + HD 7600M N HD 7600M Dual</u>	460	1488	NA	NA
<u>GeForce GT 525M</u>	458	1489	NA	NA
<u>Intel HD Family</u>	456	1490	NA	NA
<u>Quadro FX 3700M</u>	456	1491	0.49	\$925.00*
<u>GeForce 705M</u>	455	1492	NA	NA
<u>GeForce 9800M GTX</u>	454	1493	1.38	\$328.50*
<u>GeForce GT 320</u>	453	1494	13.88	\$32.69*
<u>Radeon HD 7520G + 7650M Dual</u>	453	1495	NA	NA
<u>GeForce 800M</u>	452	1496	NA	NA
<u>Radeon HD 8450G + HD 8600M Dual</u>	452	1497	NA	NA
<u>GeForce GT 625M</u>	451	1499	NA	NA
<u>Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D</u>	451	1498	NA	NA
<u>Mobility Radeon HD 5650</u>	450	1500	NA	NA

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7520G + HD 7600M Dual	447	1501	NA	NA
PHDGD Ivy 5	445	1504	NA	NA
Radeon HD 7660G + 8600M Dual	445	1503	NA	NA
GeForce 8800 GTS	444	1505	5.56	\$79.99*
Quadro 410	443	1506	3.44	\$129.00*
Radeon HD 7620G + HD 8600M Dual	442	1507	NA	NA
Radeon HD 7650M	441	1508	NA	NA
GeForce GT 620M	440	1509	NA	NA
Radeon HD 7600G + HD Dual	435	1510	NA	NA
Radeon HD 8410G	435	1511	NA	NA
Radeon HD 3850 AGP	432	1512	NA	NA
Radeon HD 8570D	432	1513	NA	NA
Radeon HD 7570M	430	1514	NA	NA
Quadro FX 4600	429	1515	1.29	\$333.25*
GeForce 800A	428	1517	NA	NA
Radeon HD 8610G	428	1516	NA	NA
Surface Duo Adreno 640 GPU	425	1518	NA	NA
Radeon R5 M240	424	1519	NA	NA
FirePro M2000	423	1520	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7600G + 7550M Dual	423	1522	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1521	NA	NA
Quadro FX 2800M	422	1525	2.22	\$190.00*
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1524	NA	NA
RADEON HD6410D	422	1523	NA	NA
Radeon HD 8570M	421	1526	NA	NA
Radeon R5 M320	420	1527	NA	NA
Intel 4th Generation Haswell HD	419	1528	NA	NA
GeForce GT 420M	417	1529	NA	NA
GeForce GT 330	414	1530	10.36	\$39.99*
GeForce GT 420	413	1532	2.67	\$155.00*
Radeon R5 M230	413	1531	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G</u>	408	1534	NA	NA
<u>GeForce GT 335M</u>	407	1538	NA	NA
<u>GeForce GTS 350M</u>	407	1535	NA	NA
<u>Radeon HD 7470M</u>	407	1536	NA	NA
<u>Radeon HD 8550G</u>	407	1537	NA	NA
<u>Radeon HD 7640G + HD 7600M N HD 7600M Dual</u>	406	1539	NA	NA
<u>RADEON E4690</u>	405	1541	NA	NA
<u>Radeon HD 6550D</u>	405	1542	NA	NA
<u>Radeon HD 7600G + 7500M/7600M Dual</u>	405	1540	NA	NA
<u>Radeon HD 3850</u>	404	1543	NA	NA
<u>Radeon HD 8500M</u>	404	1544	NA	NA
<u>Quadro FX 1800</u>	403	1545	2.99	\$135.00*
<u>GeForce 9800M GTS</u>	401	1547	NA	NA
<u>Mobility Radeon HD 4650</u>	401	1546	NA	NA
<u>Radeon HD 8650D</u>	396	1548	NA	NA
<u>Radeon R5 Opteron X3216</u>	394	1549	NA	NA
<u>Incredible HD</u>	389	1552	NA	NA
<u>Intel HD 5300</u>	389	1551	NA	NA
<u>Radeon HD 7600G + 7450M Dual</u>	389	1550	NA	NA
<u>GeForce GTX 260M</u>	388	1553	NA	NA
<u>GeForce 7900 GTX</u>	387	1554	NA	NA
<u>GeForce 8800M GTS</u>	382	1555	NA	NA
<u>GeForce 9800M GT</u>	381	1556	NA	NA
<u>GeForce GT 130</u>	381	1557	2.52	\$151.34*
<u>Radeon HD 4670</u>	380	1558	2.66	\$142.96*
<u>Radeon HD 6490M</u>	377	1559	0.32	\$1,193.03*
<u>Radeon HD 5550</u>	376	1562	6.84	\$54.99*
<u>Radeon HD 7520G + 8750M Dual</u>	376	1560	NA	NA
<u>Radeon HD 7600G + 6400M Dual</u>	376	1561	NA	NA
<u>PHDGD Ivy 4</u>	374	1563	NA	NA
<u>Quadro FX 3700</u>	374	1564	1.76	\$213.27*
<u>Radeon HD 8570D + HD8490 Dual</u>	374	1565	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Intel UHD Graphics 605	368	1567	NA	NA
Matrox Millennium P690 PCIe x16	366	1568	NA	NA
Mobility Radeon HD 3850	365	1570	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8510G	365	1571	NA	NA
Radeon HD4670	365	1569	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1572	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1574	NA	NA
Radeon HD 8450G	363	1573	NA	NA
GeForce GT 620	362	1575	2.35	\$154.00*
Radeon 3015e	360	1576	NA	NA
Radeon HD 8470D	360	1577	NA	NA
Radeon Vega 3 Ryzen Embedded R1305G	358	1578	NA	NA
Radeon HD 6620G	355	1580	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1579	NA	NA
Mobility Radeon HD 565v	353	1582	NA	NA
Radeon HD 6480M	353	1581	NA	NA
Radeon HD 7620G	352	1583	NA	NA
Radeon HD 7580D	350	1584	NA	NA
Intel HD 505	346	1585	NA	NA
Quadro FX 2700M	346	1586	3.46	\$99.95*
GeForce 7950 GT	344	1587	1.69	\$203.99*
FireGL V5600	341	1592	1.52	\$225.00*
FirePro 3D V3750	341	1591	6.71	\$50.88*
GeForce GT 625	341	1589	NA	NA
Intel HD 4000	341	1590	0.21	\$1,592.95*
Radeon R5 235	341	1588	5.68	\$60.13*
Radeon HD 8310E	340	1593	NA	NA
GeForce 9600 GSO	339	1595	6.79	\$49.99*
Radeon HD 7660D + HD 7400 Dual	339	1594	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1596	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro RG220	335	1598	0.52	\$650.18*
Radeon HD 7600G + 8500M/8700M Dual	333	1599	NA	NA
Radeon HD 6530D	332	1600	NA	NA
Radeon R5 310	331	1601	0.66	\$499.00*
GeForce 8800 GS	330	1602	NA	NA
Radeon HD 7540D	330	1603	NA	NA
GeForce 9600 GSO 512	329	1604	NA	NA
Radeon HD 7450M	329	1606	NA	NA
Radeon R4	329	1605	0.83	\$396.99*
Radeon HD 7600G + HD 7400M Dual	328	1607	NA	NA
Intel UHD Graphics 600	326	1608	NA	NA
GeForce GT 120 / 9500 GT	324	1609	NA	NA
GeForce GT 230	323	1611	7.35	\$43.99*
Radeon E6460	323	1610	NA	NA
FirePro V3800	320	1612	2.57	\$124.99*
Radeon HD 8370D	320	1613	NA	NA
RADEON HD6370D	320	1614	NA	NA
GeForce 240M GT	319	1615	NA	NA
Mobility Radeon HD 560v	318	1616	NA	NA
Radeon HD 7520G	314	1617	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1619	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7600G	311	1618	NA	NA
GeForce 605	308	1620	2.25	\$136.83*
Quadro FX 3500M	306	1622	3.06	\$99.99*
Radeon HD 7420G	306	1621	NA	NA
Radeon HD 8350G	304	1623	NA	NA
GeForce GT 520	302	1624	1.00	\$304.00*
GeForce GT 610	302	1625	2.16	\$139.99*
Radeon R1E	301	1626	NA	NA
Radeon HD 6520G	299	1627	NA	NA
Intel HD 500	297	1628	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Radeon R5E	296	1630	NA	NA
GeForce 9600M GT / GeForce GT 220M	293	1633	NA	NA
GRID K120Q	293	1632	NA	NA
Radeon HD 7500G	293	1631	NA	NA
GeForce 610M	292	1635	NA	NA
Radeon HD 2900 GT	292	1634	NA	NA
Quadro FX 3500	291	1636	4.23	\$68.98*
GeForce 7800 GTX	290	1637	4.06	\$71.60*
Radeon HD 7470	289	1638	3.55	\$81.37*
NVS 315	288	1639	4.12	\$69.99*
Radeon HD 7450A	288	1640	NA	NA
GeForce 7950 Xtreme	287	1641	NA	NA
GeForce GT 415M	286	1644	NA	NA
Intel HD P3000	286	1642	NA	NA
Radeon HD 8280	286	1643	NA	NA
GeForce GT 520MX	284	1645	NA	NA
Mobile Intel HD	284	1646	0.59	\$479.98*
Mobility Radeon HD 5165	284	1647	NA	NA
GeForce GT 520M	282	1649	9.42	\$29.95*
Radeon HD 2600 XT	282	1648	1.78	\$159.00*
GeForce 9600 GS	281	1650	NA	NA
Radeon HD 7480D	281	1651	NA	NA
GeForce 9700M GTS	278	1652	NA	NA
Radeon R5 235X	277	1653	NA	NA
Radeon HD 6370M	275	1654	NA	NA
Qualcomm Adreno 630 GPU	273	1655	NA	NA
GeForce 9650M GS	270	1657	NA	NA
GeForce Go 7900 GTX	270	1656	NA	NA
Radeon HD 8280G	269	1658	NA	NA
Radeon HD 5470	268	1660	NA	NA
Radeon HD 8400E	268	1659	NA	NA
Radeon HD 7400G	267	1661	NA	NA
Mobility Radeon HD 550v	266	1662	NA	NA

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8490	263	1664	2.92	\$89.99*
Intel G965 Express	262	1665	NA	NA
Radeon HD 8400	261	1666	NA	NA
NVS 4200M	260	1668	0.65	\$399.00*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6450A	260	1667	NA	NA
GeForce 510	259	1669	3.71	\$69.99*
Radeon HD 6480G	259	1670	NA	NA
GeForce 7900 GT	258	1671	1.30	\$199.00*
Intel HD 3000	256	1672	0.27	\$945.00*
Radeon HD 6370D	254	1673	NA	NA
GeForce 7900 GS	253	1674	NA	NA
Quadro NVS 510M	253	1675	NA	NA
GeForce GT 415	251	1678	NA	NA
Radeon HD 8330E	251	1677	NA	NA
Radeon HD 8470	251	1676	NA	NA
Radeon HD 8330	250	1679	NA	NA
Radeon HD 7640G + 8600M Dual	249	1680	NA	NA
GeForce 410M	247	1681	NA	NA
GeForce 7900 GT/GTO	247	1682	NA	NA
GeForce 7800 GT	244	1684	3.05	\$80.00*
Radeon HD 8280E	244	1683	NA	NA
NVS 310	242	1685	3.91	\$62.06*
Quadro FX 5500	242	1686	0.12	\$1,999.00*
Radeon HD 6410D	239	1688	NA	NA
Radeon HD4650	239	1687	1.57	\$152.90*
Radeon HD 8240	238	1689	NA	NA
Radeon R2	237	1690	NA	NA
Mobility Radeon HD 5470	236	1691	NA	NA
Quadro FX 4500 X2	236	1692	NA	NA
Radeon HD 4550	235	1693	1.51	\$156.00*
Mobility Radeon HD 3670	232	1694	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Q965/Q963 Express	229	1696	NA	NA
Quadro FX 570	228	1697	1.99	\$115.00*
Radeon HD 6470M	227	1698	0.40	\$569.99*
Quadro FX 4500	226	1699	1.34	\$169.00*
Radeon HD 7450	224	1700	4.50	\$49.99*
GT 430	223	1701	1.56	\$142.88*
Radeon HD 7340M	221	1703	NA	NA
Radeon R5 230	221	1702	2.74	\$81.10*
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1704	NA	NA
Mobility FireGL V5725	219	1705	NA	NA
Quadro FX 2500M	217	1706	12.45	\$17.50*
Radeon HD 6320 Graphic	216	1707	NA	NA
Mobility Radeon. HD 5470	215	1709	NA	NA
Quadro FX 880M	215	1708	NA	NA
Mobility Radeon HD 5450	214	1710	NA	NA
Radeon HD 4650	214	1711	3.06	\$69.99*
GeForce GT 220	213	1712	5.33	\$39.99*
Intel HD 2000	213	1713	NA	NA
Radeon R2E	212	1714	NA	NA
Radeon HD 2600 PRO	211	1715	1.12	\$188.44*
GeForce Go 7600 GT	210	1716	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 320M	209	1717	NA	NA
GeForce Go 7800 GTX	209	1718	NA	NA
Radeon HD 8250	209	1719	NA	NA
GeForce 9700M GT	208	1720	NA	NA
GeForce GT 330M	208	1721	NA	NA
Quadro NVS 290	207	1723	3.52	\$59.00*
Radeon HD 4650 AGP	207	1722	NA	NA
Radeon HD 6380G	207	1724	0.52	\$399.99*
Barco MXRT 1450	205	1726	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1727	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

GeForce GT 240M	203	1728	NA	NA
GeForce 7600 GT	201	1730	1.01	\$199.00*
GeForce 7950 GX2	201	1729	3.67	\$54.99*
GeForce GT 230M	200	1731	NA	NA
Mobility Radeon HD 545v	199	1732	NA	NA
Radeon HD 6450	199	1733	2.24	\$89.00*
RADEON HD7450	199	1734	8.95	\$22.25*
Radeon HD 6320M	198	1735	NA	NA
Quadro FX 1500	197	1736	1.71	\$115.01*
Radeon HD 7340G	196	1737	NA	NA
GeForce 6800 GS	195	1738	NA	NA
Intel Infoshock HD	193	1739	NA	NA
Radeon HD 8210E	193	1740	NA	NA
Radeon HD 6430M	192	1741	NA	NA
Mobility Radeon HD 2600 XT	191	1742	NA	NA
Mobility Radeon HD 4550	191	1743	NA	NA
NVS 5100M	189	1744	NA	NA
Mobility Radeon HD 540v	188	1745	NA	NA
Intel 2nd Generation SandyBridge HD	185	1746	NA	NA
Radeon HD 8210	184	1747	NA	NA
Quadro FX 3450/4000 SDI	182	1748	NA	NA
Mobility Radeon HD 5430	181	1749	NA	NA
Barco MXRT 7100	180	1751	NA	NA
Radeon HD 7310G	180	1750	NA	NA
FireGL V3600	179	1752	1.12	\$160.99*
Radeon HD 6230	179	1753	NA	NA
FirePro 3D V3700	178	1754	2.10	\$84.99*
GeForce 7800 GS	177	1755	NA	NA
GeForce Go 7900 GS	176	1756	NA	NA
Mobility Radeon HD 530v	174	1757	NA	NA
Radeon HD 7310 - Carte graphique	174	1758	NA	NA
Quadro FX 1700M	172	1759	NA	NA
Quadro FX 1500M	171	1760	NA	NA

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 770M	170	1763	0.32	\$527.00*
Radeon HDG 4670	170	1761	NA	NA
GeForce GT 325M	169	1764	NA	NA
GeForce GT 120	168	1765	5.63	\$29.99*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 2600	167	1766	NA	NA
Radeon HD 7310M	166	1767	NA	NA
GeForce 9200	165	1769	NA	NA
Intel HD manual-gen9_2015-133271	165	1768	NA	NA
Radeon HD 7350	165	1770	NA	NA
Radeon HD 8350	162	1771	1.63	\$99.81*
GeForce G102M	160	1772	NA	NA
GeForce GT 120M	159	1773	NA	NA
GeForce 315	158	1774	4.80	\$32.99*
GeForce 7600 GS	157	1775	0.90	\$175.00*
Radeon HD 4300/4500 Serisi	155	1776	NA	NA
Radeon HD 7340	155	1777	0.28	\$552.69*
GeForce 8600 GTS	153	1779	0.63	\$241.99*
Intel Q45/Q43 Express Chipset	153	1778	NA	NA
GeForce 9500 GS	151	1782	NA	NA
Quadro FX 580	151	1781	1.17	\$130.00*
Radeon HD 3670	151	1780	NA	NA
Radeon X1950 CrossFire Edition	151	1783	NA	NA
GeForce 305M	150	1784	NA	NA
Radeon HD 3650 AGP	150	1785	0.81	\$185.00*
Mobility Radeon HD 4350	148	1789	NA	NA
Quadro 400	148	1788	0.70	\$211.00*
Quadro FX 3450	148	1786	1.24	\$119.99*
Radeon HD 6320	148	1790	0.27	\$554.99*
S3 5400EW	148	1787	NA	NA
GeForce Go 7700	147	1791	NA	NA
ZX Chrome 645/640 GPU	147	1792	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon X1900 GT	145	1794	NA	NA
FirePro 2270	144	1795	1.08	\$134.00*
GeForce 9200M GE	143	1796	NA	NA
Radeon HD 6300M	143	1797	NA	NA
GeForce 6800 GT	142	1798	NA	NA
nForce 760i SLI	140	1803	NA	NA
Radeon HD 4290	140	1800	NA	NA
Radeon HD 6290M	140	1802	NA	NA
RADEON HD 6350	140	1799	2.39	\$59.00*
Radeon X1800 GTO	140	1801	NA	NA
GeForce 8200	139	1804	NA	NA
Intel Haswell HD - GT2	139	1805	NA	NA
NVS 2100M	139	1806	NA	NA
GeForce 6800 Ultra	138	1807	NA	NA
Radeon HD 8180	138	1808	NA	NA
GeForce 6600 GT	137	1812	2.11	\$64.95*
GeForce 9600M GT	137	1811	1.76	\$78.20*
GeForce 9650M GT	137	1814	1.17	\$117.30*
GeForce Go 6800 Ultra	137	1810	NA	NA
Radeon HD 5450	137	1809	1.45	\$94.96*
Radeon X1900 CrossFire Edition	137	1813	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7300 GT	136	1817	0.91	\$149.99*
GeForce 8400 GS	136	1816	1.59	\$85.97*
GeForce 9500 GT	136	1818	1.58	\$85.99*
GeForce G200	136	1819	NA	NA
Mobility Radeon HD 4570	136	1815	1.80	\$75.90*
Mobility Radeon HD 4330	135	1820	NA	NA
EAH5450	134	1823	1.22	\$109.99*
GeForce 7650 GS	134	1824	NA	NA
GeForce 9800 GT 1024MB	134	1822	NA	NA
Mobility Radeon X1900	134	1821	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>VIA/S3G C-645/640 GPU</u>	132	1826	NA	NA
<u>Quadro FX 1600M</u>	131	1828	0.87	\$149.90*
<u>Quadro FX 380</u>	131	1827	1.81	\$72.50*
<u>MOBILITY RADEON X1800</u>	130	1830	NA	NA
<u>Quadro FX 380 LP</u>	130	1829	NA	NA
<u>Mobility Radeon HD 3650</u>	129	1832	1.76	\$73.53*
<u>RADEON X800 SE</u>	129	1831	NA	NA
<u>FireGL V7300</u>	128	1836	0.11	\$1,189.99*
<u>GeForce 6800 XT</u>	128	1838	NA	NA
<u>GeForce 9300 / nForce 730i</u>	128	1833	NA	NA
<u>Radeon HD 3450</u>	128	1834	1.45	\$89.00*
<u>Radeon HD 3470</u>	128	1837	1.17	\$109.65*
<u>Radeon HD 7310</u>	128	1835	NA	NA
<u>All-in-Wonder X1900</u>	127	1841	NA	NA
<u>GeForce Go 7600</u>	127	1839	NA	NA
<u>Quadro NVS 320M</u>	127	1840	NA	NA
<u>GeForce 205</u>	126	1844	NA	NA
<u>GeForce 9300</u>	126	1842	2.15	\$59.00*
<u>Radeon HD 3300</u>	126	1843	NA	NA
<u>GeForce 8500 GT</u>	125	1845	NA	NA
<u>GeForce 8700M GT</u>	124	1847	NA	NA
<u>Quadro FX 1400</u>	124	1848	0.51	\$245.01*
<u>Seria Mobility Radeon HD 3400</u>	124	1846	NA	NA
<u>GeForce G100</u>	123	1849	6.20	\$19.99*
<u>Intel Haswell HD - GT1</u>	123	1851	NA	NA
<u>Radeon HD 7290M</u>	123	1850	NA	NA
<u>Qualcomm Adreno 618 GPU</u>	122	1854	NA	NA
<u>Radeon HD 4250</u>	122	1852	NA	NA
<u>Radeon HD 6310</u>	122	1853	NA	NA
<u>GeForce 9500M G</u>	121	1856	NA	NA
<u>GeForce GT 220M</u>	121	1855	NA	NA
<u>Extreme AX850 PRO</u>	120	1861	NA	NA
<u>GeForce 310</u>	120	1859	1.11	\$108.35*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 380M	120	1857	NA	NA
Radeon HD 2400	120	1858	1.37	\$88.20*
GeForce 505	119	1862	1.04	\$115.06*
Qualcomm Adreno 540 GPU	118	1865	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 2400 XT	118	1863	NA	NA
RV530 PRO	118	1864	NA	NA
FireMV 2260	117	1867	1.33	\$88.08*
GeForce 9600M GS	117	1866	NA	NA
Mobile Intel 45 Express-Chipsatzfamilie	117	1868	NA	NA
FireGL V7200	116	1872	NA	NA
GeForce 8600 GT	116	1869	0.60	\$196.00*
PHDGD Quantic C3	116	1870	NA	NA
Radeon X1700 Targa Edition	116	1871	NA	NA
GeForce 315M	115	1874	NA	NA
GeForce G210M	115	1877	NA	NA
Quadro FX 1700	115	1875	0.33	\$350.14*
Radeon HD 7290	115	1876	NA	NA
Radeon X1600 XT	115	1873	NA	NA
FireGL V5200	114	1881	0.86	\$133.40*
GeForce Go 7800	114	1880	NA	NA
NVS 3100M	114	1879	NA	NA
Radeon HD 2400 Pro	114	1882	NA	NA
RADEON X800 GTO	114	1878	NA	NA
Quadro FX 560	113	1883	0.76	\$150.25*
FirePro 2260	112	1885	NA	NA
GeForce 6800	112	1886	0.20	\$559.29*
Intel HD Modded	112	1888	NA	NA
Radeon X1950 Pro	112	1884	NA	NA
Sapphire RADEON X800 GT	112	1887	NA	NA
GeForce 310M	111	1893	NA	NA
GeForce 9200M GS	111	1891	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

<u>NVS 300</u>	111	1890	1.77	\$62.97*
<u>Radeon HD 4200</u>	111	1889	NA	NA
<u>FireGL V7350</u>	110	1894	0.93	\$119.42*
<u>Radeon HD 2600 Pro AGP</u>	110	1895	NA	NA
<u>GeForce 6800 LE</u>	109	1897	NA	NA
<u>Radeon HD 4270</u>	109	1896	NA	NA
<u>VIA/S3G Chrome 645/640 GPU</u>	109	1898	NA	NA
<u>Quadro FX 370 LP</u>	108	1900	NA	NA
<u>Radeon HD 4330</u>	108	1899	NA	NA
<u>GeForce Go 6800</u>	106	1904	NA	NA
<u>Matrox G200e WDDM 2.0</u>	106	1902	NA	NA
<u>Radeon Infoshock 3000</u>	106	1901	NA	NA
<u>Radeon X1950 GT</u>	106	1903	NA	NA
<u>GeForce G105M</u>	105	1907	NA	NA
<u>GeForce GT 320M</u>	105	1905	NA	NA
<u>GeForce9400M</u>	105	1906	NA	NA
<u>GeForce 9450</u>	104	1908	NA	NA
<u>M880G with Mobility Radeon HD 4250</u>	104	1912	NA	NA
<u>Mobility Radeon X1700</u>	104	1910	NA	NA
<u>Quadro FX 3400/4400</u>	104	1911	NA	NA
<u>Quadro FX 570M</u>	104	1913	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Radeon HD 6290</u>	104	1909	NA	NA
<u>FireGL V3400</u>	103	1916	NA	NA
<u>GeForce 9500M</u>	103	1914	1.02	\$101.20*
<u>Radeon HD 4350</u>	103	1915	1.01	\$102.24*
<u>GeForce 6800 GS/XT</u>	102	1918	NA	NA
<u>GeForce 9300 GS</u>	102	1919	1.71	\$59.95*
<u>GeForce 9500M GS</u>	102	1920	NA	NA
<u>Mobility Radeon HD 2400 XT</u>	102	1921	NA	NA
<u>Quadro FX 370 Low Profile</u>	102	1917	NA	NA
<u>GeForce 8300</u>	101	1924	4.48	\$22.68*

	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)	
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Intel Q35 Express	101	1923	NA	NA	
	Quadro FX 4000	101	1925	NA	NA	
	Quadro FX Go1400	101	1922	NA	NA	
	GeForce 8300 GS	100	1927	NA	NA	
	Intel Media Accelerator HD	100	1928	NA	NA	
	GeForce 210	99	1930	1.84	\$54.15*	
	Quadro NVS 160M	99	1929	NA	NA	
	GeForce 8400M GS	98	1937	1.25	\$78.20*	
	GeForce 9400	98	1932	NA	NA	
	GeForce G210	98	1933	0.80	\$122.12*	
	Mobility Radeon HD 3430	98	1936	NA	NA	
	Mobility Radeon HD 4250	98	1934	NA	NA	
	Radeon 3000	98	1935	0.31	\$319.00*	
	Radeon X1600 Pro	98	1931	NA	NA	
	GeForce 9300GE	97	1939	1.01	\$97.20*	
	ION LE	97	1938	NA	NA	
	Quadro NVS 130M	97	1941	NA	NA	
	RADEON X800 XT	97	1940	NA	NA	
	Mobility Radeon HD serie 4200	96	1942	NA	NA	
	GeForce 6700 XL	95	1944	NA	NA	
	Radeon HD 3000	95	1943	NA	NA	
	Matrox G200eW3 WDDM 2.0	94	1946	NA	NA	
	MEDION RADEON X740XL	94	1945	NA	NA	
	Mobility Radeon HD 3470	93	1949	NA	NA	
	Mobility Radeon HD 3470 Hybrid X2	93	1947	NA	NA	
	Quadro FX 370M	93	1950	NA	NA	
	Radeon HD 6250	93	1948	NA	NA	
	FireGL V5100	92	1953	0.81	\$114.96*	
	M880G with Mobility Radeon HD 4200	92	1952	NA	NA	
	Mobility Radeon HD 4270	92	1951	NA	NA	
	Mobility Radeon X1600	92	1954	NA	NA	
	nForce 780a SLI	92	1955	NA	NA	
	GeForce 8600 GS	91	1956	NA	NA	

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 3450	91	1959	NA	NA
RADEON X600XT	91	1957	NA	NA
GeForce 8600M GT	90	1961	0.83	\$108.10*
Mobility Radeon HD 4200	90	1960	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 7500 LE	89	1964	NA	NA
GeForce 9300M GS	89	1962	2.07	\$43.42*
Mobility Radeon HD 2400	89	1963	NA	NA
GeForce 6610 XL	88	1965	NA	NA
Intel G41 Express Chipset	88	1966	NA	NA
Intel G45/G43 Express Chipset	87	1967	NA	NA
Quadro FX 360M	86	1968	NA	NA
GeForce 6600	85	1970	0.32	\$264.00*
Quadro FX 350	85	1969	NA	NA
ALL-IN-WONDER X800 GT	84	1974	NA	NA
FireGL V3200	84	1971	NA	NA
GeForce 9300M G	84	1973	NA	NA
ION	84	1976	0.37	\$229.99*
Radeon X1300 PRO	84	1975	NA	NA
Radeon X1650 Pro	84	1972	0.53	\$160.89*
RADEON X800 GT	84	1977	NA	NA
GeForce 999 GTX	83	1978	NA	NA
nForce 750a SLI	83	1980	NA	NA
Quadro FX 370	83	1979	0.67	\$125.00*
Radeon HD 3200	82	1981	NA	NA
GeForce 8400	81	1988	0.14	\$589.99*
GeForce 9100	81	1982	NA	NA
GeForce 9300 SE	81	1986	NA	NA
MOBILITY FireGL V5000	81	1985	NA	NA
Mobility Radeon 4100	81	1990	NA	NA
Mobility Radeon X2500	81	1984	NA	NA
nForce 980a/780a SLI	81	1987	NA	NA

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON X850 XT	81	1991	NA	NA
RADEON X850 XT Platinum Edition	81	1983	NA	NA
GeForce 7300 GS	80	1993	NA	NA
GeForce 7300 LE	80	1994	2.50	\$32.00*
Quadro FX 540	80	1992	1.35	\$59.99*
GeForce 8100 / nForce 720a	79	1996	NA	NA
RADEON X800GT	79	1995	NA	NA
GeForce 9300 GE	76	1998	3.32	\$22.99*
Radeon HD 2350	76	1997	NA	NA
M860G with Mobility Radeon 4100	75	2000	NA	NA
RADEON X700 PRO	75	1999	NA	NA
GeForce 7350 LE	74	2002	NA	NA
Radeon X1650 GTO	74	2001	NA	NA
FireMV 2450	73	2003	NA	NA
Mobility Radeon HD 4300 Serisi	73	2006	NA	NA
Radeon 3100	73	2004	0.34	\$214.99*
RADEON X800 PRO/GTO	73	2005	NA	NA
RADEON X700	72	2008	NA	NA
RADEON X850 PRO	72	2007	NA	NA
FireGL V7100	71	2009	0.22	\$328.67*
M880G with Mobility Radeon HD 4225	71	2011	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MEDION RADEON 9800 XXL	71	2010	NA	NA
Quadro NVS 295	71	2012	1.13	\$63.00*
Radeon X1650 SE	71	2014	NA	NA
RADEON X700 SE	71	2013	NA	NA
Diamond X1300-PCIE 256MB	70	2018	NA	NA
FireGL V3300	70	2016	NA	NA
GeForce 8600M GS	70	2019	NA	NA
Quadro NVS 150M	70	2017	NA	NA
Radeon X550XTX	70	2015	NA	NA
BASICDISPLAY	69	2021	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Quadro FX 3000</u>	69	2026	0.41	\$166.61*
<u>Quadro NVS 140M</u>	69	2025	NA	NA
<u>Quadro NVS 420</u>	69	2020	0.47	\$150.00*
<u>Radeon X1600 Pro / X1300XT</u>	69	2024	NA	NA
<u>RADEON X800 XL</u>	69	2023	NA	NA
<u>FireGL V3350</u>	68	2027	NA	NA
<u>GeForce 8400 SE</u>	68	2028	NA	NA
<u>GeForce 9100M G</u>	68	2029	NA	NA
<u>GeForce 9400M</u>	67	2032	NA	NA
<u>GeForce 9400M G</u>	67	2033	NA	NA
<u>Intel G45/G43/G41 Express Chipset</u>	67	2030	NA	NA
<u>Matrox G200eR WDDM 2.0</u>	67	2031	NA	NA
<u>RADEON X600 PRO</u>	67	2034	0.42	\$160.49*
<u>GeForce 8400M GT</u>	66	2036	NA	NA
<u>Intel B43 Express Chipset</u>	66	2040	NA	NA
<u>Mobility Radeon HD 4225</u>	66	2039	NA	NA
<u>MOBILITY RADEON X700</u>	66	2035	NA	NA
<u>Quadro NVS 135M</u>	66	2037	NA	NA
<u>Radeon X1550</u>	66	2038	0.43	\$155.00*
<u>GeForce Go 7400</u>	65	2041	NA	NA
<u>GeForce 8200M G</u>	64	2042	NA	NA
<u>GeForce G 105M</u>	64	2044	NA	NA
<u>RADEON X800 PRO</u>	64	2043	NA	NA
<u>GeForce G 103M</u>	63	2046	NA	NA
<u>Quadro FX 550</u>	63	2045	0.22	\$287.82*
<u>Intel HD manual-15.28-1861</u>	62	2048	NA	NA
<u>MOBILITY FireGL V3200</u>	62	2049	NA	NA
<u>Mobility Radeon HD 3410</u>	62	2047	NA	NA
<u>Quadro NVS 450</u>	61	2050	0.39	\$159.00*
<u>SAPPHIRE Radeon X1550</u>	61	2051	NA	NA
<u>FireGL X1</u>	59	2057	NA	NA
<u>GeForce FX 5950 Ultra</u>	59	2056	NA	NA
<u>Matrox G200e WDDM 1.2</u>	59	2055	NA	NA

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 2100	59	2053	0.31	\$190.99*
RADEON 9800 PRO	59	2054	NA	NA
GeForce 6800 XE	58	2058	NA	NA
GeForce 8400M G	58	2060	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel G33/G31 Express	58	2059	NA	NA
Radeon X1300	58	2061	0.61	\$95.78*
Intel - Express Chipset Q45/Q43	57	2062	NA	NA
Intel G41 Express-Chipsatz	57	2064	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2065	NA	NA
RADEON 9800	57	2063	0.18	\$325.00*
Intel - Express Chipset G41	56	2067	NA	NA
RADEON 9800 XT	56	2066	NA	NA
RADEON X550XT	56	2069	NA	NA
RADEON X600 256MB HyperMemory	56	2068	NA	NA
GeForce 6200 TurboCache	53	2071	NA	NA
RADEON 9700 PRO	53	2070	NA	NA
FireGL V3100	52	2072	NA	NA
GeForce Go 7300	52	2074	NA	NA
Radeon Xpress 1300	52	2073	NA	NA
FirePro 2450	51	2080	0.57	\$89.99*
GeForce 6600 LE	51	2079	NA	NA
GeForce 7100 GS	51	2076	NA	NA
GeForce FX Go5700	51	2078	NA	NA
Matrox G200eh WDDM 1.2	51	2075	NA	NA
RADEON E2400	51	2077	NA	NA
Matrox G200eW WDDM 1.2	50	2085	NA	NA
Mobile Intel 965 Express	50	2082	NA	NA
Mobility Radeon HD 2300	50	2083	NA	NA
MOBILITY RADEON X600	50	2084	NA	NA
RADEON X550	50	2081	NA	NA
MOBILITY RADEON X600 SE	49	2087	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Radeon X1600</u>	49	2086	NA	NA
<u>RADEON X600 SE</u>	49	2089	0.87	\$56.18*
<u>Mobility Radeon X2300</u>	48	2091	NA	NA
<u>Mobility Radeon X2300 HD</u>	48	2090	NA	NA
<u>GeForce 7300 SE/7200 GS</u>	47	2092	NA	NA
<u>Quadro NVS 110M</u>	47	2094	NA	NA
<u>Radeon X1550 64-bit</u>	47	2093	NA	NA
<u>SAPPHIRE RADEON 9600 ATLANTIS</u>	47	2095	NA	NA
<u>Matrox G200eh WDDM 2.0</u>	46	2097	NA	NA
<u>MOBILITY RADEON 9800</u>	46	2098	NA	NA
<u>Quadro NVS 120M</u>	46	2096	NA	NA
<u>FireMV 2250</u>	45	2099	0.44	\$104.00*
<u>GeForce Go 7200</u>	45	2101	NA	NA
<u>Matrox G200eR WDDM 1.2</u>	45	2100	NA	NA
<u>GeForce Go 6600 TE/6200 TE</u>	44	2103	NA	NA
<u>Mobile Intel 4 Express-Chipsatzfamilie</u>	44	2106	NA	NA
<u>Mobile Intel serie 4 Express</u>	44	2105	NA	NA
<u>MOBILITY FireGL V5200</u>	44	2102	NA	NA
<u>Quadro FX 350M</u>	44	2104	NA	NA
<u>Radeon 9700 TX w/TV-Out</u>	44	2107	NA	NA
<u>Mobile Intel 45 Express</u>	43	2108	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>Matrox M9138 LP PCIe x16</u>	42	2112	NA	NA
<u>Mobility Radeon X1400</u>	42	2109	NA	NA
<u>Quadro NVS 285</u>	42	2113	0.25	\$169.86*
<u>RADEON 9600 PRO</u>	42	2110	NA	NA
<u>Radeon Xpress 1250</u>	42	2111	NA	NA
<u>GeForce 6200</u>	41	2115	0.42	\$99.99*
<u>GeForce 7050 / nForce 620i</u>	41	2116	NA	NA
<u>GeForce FX 5900 Ultra</u>	41	2117	NA	NA
<u>RADEON 9500 PRO / 9700</u>	41	2114	NA	NA
<u>GeForce FX 5700</u>	40	2118	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Matrox G200eh</u>	40	2120	NA	NA
<u>Matrox M9148 LP PCIe x16</u>	40	2122	NA	NA
<u>MOBILITY FIREGL T2</u>	40	2119	NA	NA
<u>Radeon Xpress 1300M</u>	40	2121	NA	NA
<u>GeForce 7300 SE</u>	39	2129	NA	NA
<u>Matrox G200eW</u>	39	2125	NA	NA
<u>MOBILITY RADEON 9600/9700</u>	39	2128	NA	NA
<u>Mobility Radeon X1300</u>	39	2126	NA	NA
<u>Mobility Radeon X1350</u>	39	2124	NA	NA
<u>S3 Chrome 430 ULP</u>	39	2127	NA	NA
<u>GeForce 6500</u>	38	2131	NA	NA
<u>Mobile Intel - famiglia Express Chipset 45</u>	38	2130	NA	NA
<u>Quadro NVS 285 128MB</u>	38	2132	0.70	\$55.00*
<u>RADEON X300SE</u>	38	2133	NA	NA
<u>256MB DDR Radeon 9800 XT</u>	37	2135	NA	NA
<u>GeForce 6200SE TurboCache</u>	37	2138	NA	NA
<u>GeForce 7050 / nForce 630i</u>	37	2134	NA	NA
<u>Quadro NVS 440</u>	37	2136	0.16	\$228.87*
<u>Radeon X1250</u>	37	2137	NA	NA
<u>CONNECT 3D RADEON X300</u>	36	2140	NA	NA
<u>FireMV 2200 PCIe</u>	36	2142	0.40	\$89.99*
<u>Matrox G200eR</u>	36	2139	NA	NA
<u>MOBILITY RADEON 9600</u>	36	2143	NA	NA
<u>RADEON 9500</u>	36	2141	0.90	\$40.50*
<u>GeForce 7100 / nForce 630i</u>	35	2146	NA	NA
<u>Quadro FX 1100</u>	35	2144	0.17	\$212.99*
<u>RADEON 9600 XT</u>	35	2147	NA	NA
<u>Radeon Xpress 1200</u>	35	2145	NA	NA
<u>GeForce FX 5700 Ultra</u>	34	2153	NA	NA
<u>GeForce FX 5900</u>	34	2150	NA	NA
<u>GeForce PCX 5750</u>	34	2148	NA	NA
<u>GeForce PCX 5900</u>	34	2154	NA	NA
<u>Quadro FX 1000</u>	34	2152	NA	NA

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9550	34	2149	0.12	\$291.74*
Radeon Xpress 1100	34	2155	NA	NA
GeForce 6150 LE	33	2159	NA	NA
GeForce 7150 / nForce 630i	33	2162	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce FX 5700VE	33	2161	NA	NA
MOBILITY FIREGL T2/T2e	33	2157	NA	NA
Mobility Radeon X1450	33	2160	NA	NA
MOBILITY RADEON X300	33	2156	NA	NA
S3 Chrome S27 DDR3	33	2158	NA	NA
GeForce 6200 A-LE	32	2167	NA	NA
GeForce 7025 / nForce 630a	32	2164	NA	NA
GeForce FX 5900ZT	32	2165	NA	NA
Intel Media Accelerator	32	2163	NA	NA
Radeon X1200	32	2166	NA	NA
GeForce 6150SE nForce 430	31	2171	NA	NA
GeForce 7050 PV / nForce 630a	31	2170	NA	NA
Matrox M9128 LP PCIe x16	31	2168	NA	NA
Radeon X1270	31	2172	NA	NA
Red Hat QXL controller	31	2169	NA	NA
All-in-Wonder X1800XL	30	2175	NA	NA
FireGL T2-128	30	2173	NA	NA
MOBILITY RADEON 9550	30	2174	NA	NA
GeForce 6100 nForce 405	29	2177	NA	NA
Radeon 9550 / X1050	29	2179	NA	NA
Radeon Xpress 1150	29	2176	NA	NA
RADEON XPRESS 200	29	2178	NA	NA
GeForce 6200 LE	28	2180	0.69	\$41.24*
GeForce 6100	27	2184	NA	NA
MOBILITY FireGL V5250	27	2182	NA	NA
MOBILITY RADEON 9700	27	2181	NA	NA
MOBILITY RADEON XPRESS 200	27	2185	NA	NA

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce 7100 / nForce 620i</u>	26	2188	NA	NA
<u>RADEON 9600 PRO Family</u>	26	2186	NA	NA
<u>Radeon Xpress 1270</u>	26	2187	NA	NA
<u>GeForce 6100 nForce 400</u>	25	2193	NA	NA
<u>GeForce 6100 nForce 420</u>	25	2192	NA	NA
<u>GeForce 7050 / nForce 610i</u>	25	2194	NA	NA
<u>Matrox M9120 Plus LP PCIe x16</u>	25	2190	NA	NA
<u>Matrox M9125 PCIe x16</u>	25	2191	NA	NA
<u>PHDGD Sapphire GR for Mobile Intel 965</u>	25	2189	NA	NA
<u>RADEON 9600 Family</u>	25	2195	NA	NA
<u>GeForce 6150SE</u>	24	2197	NA	NA
<u>GeForce FX 5700LE</u>	24	2198	NA	NA
<u>GeForce Go 6400</u>	24	2199	NA	NA
<u>Mobile Intel 965 Express-Chipsatzfamilie</u>	24	2200	NA	NA
<u>MOBILITY RADEON 9600 PRO TURBO</u>	24	2196	NA	NA
<u>ALL-IN-WONDER 9800</u>	23	2204	NA	NA
<u>GeForce 6100 nForce 430</u>	23	2206	NA	NA
<u>GeForce 7200 GS</u>	23	2205	NA	NA
<u>Matrox M9140 LP PCIe x16</u>	23	2203	NA	NA
<u>Quadro NVS 210S</u>	23	2201	NA	NA
<u>RADEON 9800 SE</u>	23	2202	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>RADEON A9800XT</u>	22	2207	NA	NA
<u>RADEON XPRESS 200M</u>	22	2208	NA	NA
<u>GeForce 6150</u>	21	2209	0.07	\$329.00*
<u>PHDGD Solo 2 x64</u>	20	2211	NA	NA
<u>Quadro NVS 210S / GeForce 6150LE</u>	20	2210	NA	NA
<u>GeForce Go 6150</u>	19	2213	NA	NA
<u>Matrox M9120 PCIe x16</u>	19	2212	NA	NA
<u>GeForce 7150M / nForce 630M</u>	18	2217	NA	NA
<u>Quadro FX 2000</u>	18	2219	NA	NA
<u>QXL KMDOD</u>	18	2214	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

RADEON XPRESS 200 CROSSFIRE	18	2218	NA	NA
S3 Chrome S25 DDR2	18	2215	NA	NA
GeForce FX 5600 Ultra	17	2223	NA	NA
GeForce FX Go 5600	17	2221	NA	NA
GeForce Go 6100	17	2220	NA	NA
Mobile Intel965 Express	17	2222	NA	NA
GeForce FX Go5650	16	2224	NA	NA
GRID V100-8Q	16	2225	NA	NA
GeForce Go 6200	15	2227	NA	NA
NV44	15	2226	NA	NA
Quadro FX 500/600 PCI	14	2228	NA	NA
Radeon HD 2400 PCI	14	2229	NA	NA
GeForce 7000M	13	2230	NA	NA
GeForce 7000M / nForce 610M	12	2231	NA	NA
GeForce FX 5200 Ultra	12	2234	NA	NA
GeForce FX 5600	12	2232	NA	NA
GeForce FX Go5300	12	2233	NA	NA
Intel 82945G Express	12	2235	NA	NA
FireMV 2400 PCIe	11	2237	NA	NA
GeForce FX 5200SE	11	2236	NA	NA
PHDGD Solo 1.2.0 x86	11	2239	NA	NA
RGH Drivers v3	11	2238	NA	NA
Master X3100 Driver	10	2240	NA	NA
MOBILITY IGP 9000/9100	10	2241	NA	NA
ASUS A7000	9	2244	NA	NA
GeForce FX 5600XT	9	2245	NA	NA
Matrox Parhelia 256MB	9	2242	NA	NA
VIA Chrome9 HD IGP	9	2243	NA	NA
GeCube RADEON 7000	8	2246	NA	NA
GeForce FX 5500	8	2249	0.05	\$153.97*

[GeForce FX Go 5200](#)

Software

Hardware

Intel 82945G Express-Chipsetfamily

Intel Q35 Embedded USB3.0








Benchmarks

CPU

About Us

Services

International

BurnInTest	Loopback Plugs	Benchmarks	Company		
PerformanceTest	USB2.0	Video Card Benchmarks	Contact Us	Support	Refunds
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android iOS / iPhone
WirelessMon	PCIe Test Cards	RAM Benchmarks		0.06	Social  \$130.00*
Management Console	Quadro NVS 280 PCI USB Power Delivery Tester	PC Systems Benchmarks			
Zoom Search Engine	ASUS V920-X V62.11	Android Benchmarks			
Free Software	Serial and Parallel	iOS / iPhone Benchmarks		0.06	\$129.00*
	GeForce FX 5100	Software Marketshare			
	Loopback Cables				
	USB Short Circuit Testers				
	GeForce FX 5200	Internet Bandwidth		0.16	\$42.99*
	GeForce FX 5200LE				
	GeForce4 Ti 4400				
	Intel US15 Embedded Media and Controller				
Copyright © 2023 PassMark® Software	MOBILITY RADEON 9000 IGP	7	2253	    	NA
	Quadro FX 500/FX 600	7	2256	NA	NA
	GeForce PCX 5300	6	2270	NA	NA
	GeForce2 Ultra	6	2268	NA	NA
	GeForce4 MX Integrated GPU	6	2266	NA	NA
	GeForce4 Ti 4800 SE	6	2262	NA	NA
	Intel Media Accelerator 600	6	2261	NA	NA
	Matrox Millennium P690 Plus LP PCIe x16	6	2263	NA	NA
	MOBILITY RADEON 7000 IGP	6	2269	NA	NA
	Quadro NVS 55/280 PCI	6	2272	NA	NA
	Quadro4 380 XGL	6	2264	NA	NA
	RADEON 8500 Family	6	2265	NA	NA
	RADEON 9100 Family	6	2271	NA	NA
	RADEON IGP 350M	6	2273	NA	NA
	V9560XT	6	2267	NA	NA
	ALL-IN-WONDER RADEON 8500DV	5	2284	NA	NA
	GeForce 256	5	2294	0.12	\$42.04*
	GeForce4 420 Go 32M	5	2289	NA	NA
	GeForce4 440 Go 64M	5	2274	NA	NA
	GeForce4 448 Go	5	2286	NA	NA
	GeForce4 Ti 4200	5	2285	NA	NA
	GeForce4 Ti 4600	5	2287	0.10	\$53.99*
	GeForce4 Ti 4800	5	2276	NA	NA
	Intel 82915G Express	5	2280	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>Matrox Millennium P650 PCIe 128</u>	5	2290	NA	NA
<u>Matrox Parhelia APVe</u>	5	2283	NA	NA
<u>Mobile Intel 945GM Express</u>	5	2277	NA	NA
<u>Mobile Intel 945GM/GU Express</u>	5	2291	NA	NA
<u>MOBILITY RADEON 9000/9100 IGP</u>	5	2281	NA	NA
<u>NVIDIA GeForce3 Ti200</u>	5	2279	NA	NA
<u>Quadro 280 NVS PCIe</u>	5	2278	NA	NA
<u>Quadro4 980 XGL</u>	5	2295	0.01	\$341.43*
<u>RADEON 9100 IGP</u>	5	2288	NA	NA
<u>SAPPHIRE RADEON 9000 ATLANTIS PRO</u>	5	2292	NA	NA
<u>VIA/S3G UniChromell</u>	5	2275	NA	NA
<u>Xabre</u>	5	2293	NA	NA
<u>ALL-IN-WONDER 9000</u>	4	2298	NA	NA
<u>ASUS AGP-V3800PRO v31.40H</u>	4	2317	NA	NA
<u>Dell 8200</u>	4	2319	NA	NA
<u>GeForce2 Go</u>	4	2323	NA	NA
<u>GeForce2 Integrated GPU</u>	4	2318	NA	NA
<u>GeForce2 MX with DVI-D and TV-out</u>	4	2302	NA	NA
<u>GeForce2 Ti</u>	4	2310	NA	NA
<u>GeForce3</u>	4	2299	NA	NA
<u>GeForce3 Ti 200</u>	4	2325	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
<u>GeForce4 440</u>	4	2296	NA	NA
<u>GeForce4 MX 4000</u>	4	2316	NA	NA
<u>GeForce4 MX 420</u>	4	2303	NA	NA
<u>GeForce4 MX 440</u>	4	2313	NA	NA
<u>GeForce4 MX 440 with AGP8X</u>	4	2300	NA	NA
<u>GeForce4 MX 440SE</u>	4	2312	NA	NA
<u>GeForce4 MX 460</u>	4	2322	NA	NA
<u>Intel 82865G Controller</u>	4	2307	NA	NA
<u>Intel 915G,910G Express</u>	4	2327	NA	NA
<u>Intel 915G/915GV/910GL Embedded Controller Functio</u>	4	2308	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	--------------------------------------	------------------------	------------------------------------	-------------

CPU Benchmarks Video Card Benchmarks Hard Drive Benchmarks RAM PC Systems Android iOS / iPhone

<u>MOBILITY FIREGL 7800</u>	4	2304	NA	NA
<u>MOBILITY/RADEON 9000</u>	4	2324	NA	NA
<u>Quadro2 MXR/EX</u>	4	2314	NA	NA
<u>Quadro4 900 XGL</u>	4	2297	NA	NA
<u>RADEON 7500 Family</u>	4	2305	NA	NA
<u>RADEON 9000</u>	4	2309	NA	NA
<u>VIA Chrome9 HC IGP</u>	4	2320	NA	NA
<u>VIA/S3G KM400/KN400</u>	4	2326	NA	NA
<u>VIA/S3G UniChrome IGP</u>	4	2321	NA	NA
<u>VIA/S3G UniChrome Pro IGP</u>	4	2306	NA	NA
<u>WinFast A250 LE</u>	4	2301	NA	NA
<u>XGI Volari Family v1.13.23.D_V</u>	4	2311	NA	NA
<u>ABIT Siluro T400</u>	3	2331	NA	NA
<u>AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI</u>	3	2356	NA	NA
<u>GeForce 6200A</u>	3	2339	0.07	\$54.99*
<u>GeForce2 GTS/GeForce2 Pro</u>	3	2328	NA	NA
<u>GeForce2 MX 100/200</u>	3	2352	NA	NA
<u>GeForce2 MX/MX 400</u>	3	2330	NA	NA
<u>GeForce4 420 Go</u>	3	2349	NA	NA
<u>GeForce4 4200 Go</u>	3	2329	NA	NA
<u>GeForce4 440 Go</u>	3	2336	NA	NA
<u>Intel 82915G/915GV/910GL</u>	3	2337	NA	NA
<u>Intel 82915G/GV/910GL Express</u>	3	2358	NA	NA
<u>Intel 865 Embedded Controller</u>	3	2338	NA	NA
<u>Intel 946GZ Embedded Chipset</u>	3	2353	NA	NA
<u>Intel Media Accelerator 500</u>	3	2345	NA	NA
<u>Matrox Parhelia 128MB</u>	3	2347	0.01	\$393.99*
<u>MOBILITY RADEON 7500</u>	3	2341	NA	NA
<u>MOBILITY RADEON 9000</u>	3	2351	NA	NA
<u>MOBILITY RADEON 9200</u>	3	2360	NA	NA
<u>RADEON 7000 / RADEON VE Family</u>	3	2333	NA	NA
<u>RADEON 7500</u>	3	2354	0.02	\$177.25*

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9200	3	2340	0.02	\$153.63*
RADEON IGP 320	3	2335	NA	NA
Radeon IGP 320M	3	2342	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2357	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2334	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RIVA TNT2/TNT2 Pro	3	2346	NA	NA
S3 Inc. Savage4	3	2355	NA	NA
Vanta/Vanta LT	3	2359	NA	NA
VIA Chrome9 HC IGP Family	3	2332	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2344	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2348	NA	NA
VIA/S3G DeltaChrome IGP	3	2350	NA	NA
Dell 8100	2	2382	0.00	\$999.11*
GeForce2 MX	2	2368	NA	NA
GeForce2 MX with TV Out	2	2376	NA	NA
GeForce3 Ti 500	2	2378	NA	NA
Intel 82845G Controller	2	2384	NA	NA
Intel 82845G/GL Controller	2	2373	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2364	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2372	NA	NA
Intel 946GZ Express	2	2361	NA	NA
Intel GMA 3150 Express	2	2379	NA	NA
Intel Media Accelerator 3150	2	2363	NA	NA
MOBILITY RADEON 9100 IGP	2	2362	NA	NA
Quadro NVS 280 SD	2	2381	NA	NA
Radeon 7000 / Radeon VE	2	2370	NA	NA
RADEON 7200	2	2365	0.00	\$599.99*
RADEON 9200 LE Family	2	2374	NA	NA
RADEON 9200 PRO Family	2	2366	NA	NA
RADEON 9200 SE	2	2377	NA	NA
RADEON 9250	2	2375	0.01	\$194.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
----------------	---	---------------------------	---------------------------------------	----------------

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

<u>RADEON IGP 345M</u>	2	2369	NA	NA
<u>Radeon VE</u>	2	2385	NA	NA
<u>VIA Chrome9 HC IGP Prerelease WDDM 1.1</u>	2	2383	NA	NA
<u>VIA Chrome9 HC IGP WDDM</u>	2	2367	NA	NA
<u>VIA Chrome9 HC3 IGP</u>	2	2371	NA	NA
<u>FireMV 2200 PCI</u>	1	2398	NA	NA
<u>Intel 82852/82855 GM/GME Controller</u>	1	2395	NA	NA
<u>Intel Extreme Controller</u>	1	2386	NA	NA
<u>Mobile Intel 915GM/GMS/910GML Express</u>	1	2389	NA	NA
<u>Mobile Intel 945 Express</u>	1	2390	NA	NA
<u>Quadro2 Pro</u>	1	2397	NA	NA
<u>RADEON IGP 34xM</u>	1	2392	NA	NA
<u>Rage 128 Pro</u>	1	2394	NA	NA
<u>RAGE 128 PRO AGP 4X TMDS</u>	1	2396	NA	NA
<u>S3 ProSavageDDR</u>	1	2393	NA	NA
<u>S3 SuperSavage/IXC 1014</u>	1	2387	NA	NA
<u>VIA Chrome9 HCM IGP</u>	1	2391	NA	NA
<u>VisionTek Radeon 7000</u>	1	2388	NA	NA

* - Last price seen from our affiliates.