


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

Single Video Card

Find Videocard

	Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	256MB DDR Radeon 9800 XT	37	2305	NA	NA
	7900 MOD - Radeon HD 6520G	610	1466	NA	NA
	7900 MOD - Radeon HD 6550D	892	1197	NA	NA
	A6 Micro-6500T Quad-Core APU with RadeonR4	220	1876	NA	NA
	A10-8Q	7041	294	NA	NA
	A16	4981	401	NA	NA
	A16-4Q	4165	450	NA	NA
	A40-24Q	2616	618	NA	NA
	ABIT Siluro T400	3	2501	NA	NA
	ALL-IN-WONDER 9000	4	2468	NA	NA
	ALL-IN-WONDER 9800	23	2374	NA	NA
	ALL-IN-WONDER RADEON 8500DV	5	2453	NA	NA
	ALL-IN-WONDER X800 GT	84	2147	NA	NA
	All-in-Wonder X1800XL	30	2345	NA	NA
	All-in-Wonder X1900	127	2017	NA	NA
	AMD Ryzen Z1 Extreme	7056	293	NA	NA
	AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2526	NA	NA
	ASUS A7000	9	2414	NA	NA
	ASUS AGP-V3800PRO v31.40H	4	2487	NA	NA
	ASUS EAH4870x2	496	1615	NA	NA
	Asus GTX 650 FML II EC-EGPU	720	1347	NA	NA
	ASUS V9520-X V62.11	7	2425	NA	NA
	B8DKMDAP	4557	425	NA	NA
	Barco MXRT 1450	205	1899	NA	NA
	Barco MXRT 2600	900	1191	4.52	\$199.00*
	Barco MXRT 5400	1161	1048	5.72	\$203.00*
	Barco MXRT 5450	1079	1081	5.40	\$199.99*
	Barco MXRT 5500	2701	607	9.04	\$299.00*
	Barco MXRT 5600	2465	650	3.50	\$704.00*
	Barco MXRT 7100	180	1922	NA	NA
	Barco MXRT 7400	900	1190	9.10	\$99.00*
	Barco MXRT 7500	3753	479	12.55	\$299.00*
	Barco MXRT 7600	4943	404	8.20	\$602.59*
	BASICDISPLAY	69	2193	NA	NA
	Citrix Indirect Display Adapter	2365	668	NA	NA
	CMP 30HX	8135	256	NA	NA
	CMP 40HX	6778	303	NA	NA
	CONNECT 3D RADEON X300	36	2311	NA	NA
	Custom GPU 0405	2852	580	NA	NA
	Dell 8100	2	2552	0.00	\$999.11*
	Dell 8200	4	2489	NA	NA
					NA
					\$109.99*

 **High End**

High Mid Range

Low Mid Range

Low End

 **Best Value**

Common

Market Share

 **Compare** ⁰

 **Video Card Mega List**

[Search Model](#)

 **GPU Compute Video Card Chart**

Power Performance Video Card Chart

2D Graphics Video Card List

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	GeForce 940MX				1515	934	NA	NA
	GeForce 945A				1852	817	NA	NA
	GeForce 945M				2108	732	NA	NA
	GeForce 999 GTX				83	2151	NA	NA
	GeForce 6100				27	2353	NA	NA
	GeForce 6100 nForce 400				25	2364	NA	NA
	GeForce 6100 nForce 405				26	2355	NA	NA
	GeForce 6100 nForce 420				25	2363	NA	NA
	GeForce 6100 nForce 430				23	2376	NA	NA
	GeForce 6150				21	2379	0.07	\$329.00*
	GeForce 6150 LE				33	2329	NA	NA
	GeForce 6150SE				24	2367	NA	NA
	GeForce 6150SE nForce 430				30	2342	NA	NA
	GeForce 6200				37	2307	0.37	\$99.99*
	GeForce 6200 A-LE				32	2337	NA	NA
	GeForce 6200 LE				27	2349	0.68	\$41.24*
	GeForce 6200 TurboCache				53	2239	NA	NA
	GeForce 6200A				3	2509	0.07	\$54.99*
	GeForce 6200SE TurboCache				37	2309	NA	NA
	GeForce 6500				38	2301	NA	NA
	GeForce 6600				86	2142	0.33	\$264.00*
	GeForce 6600 GT				143	1976	2.21	\$64.95*
	GeForce 6600 LE				51	2247	NA	NA
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	GeForce 6610 XL				88	2140	NA	NA
	GeForce 6700 XL				95	2118	NA	NA
	GeForce 6800				112	2068	0.20	\$559.29*
	GeForce 6800 GS				191	1913	NA	NA
	GeForce 6800 GS/XT				102	2099	NA	NA
	GeForce 6800 GT				142	1980	NA	NA
	GeForce 6800 LE				109	2078	NA	NA
	GeForce 6800 Ultra				138	1989	NA	NA
	GeForce 6800 XE				58	2226	NA	NA
	GeForce 6800 XT				123	2028	NA	NA
	GeForce 7000M				13	2400	NA	NA
	GeForce 7000M / nForce 610M				12	2401	NA	NA
	GeForce 7025 / nForce 630a				32	2334	NA	NA
	GeForce 7050 / nForce 610i				25	2361	NA	NA
	GeForce 7050 / nForce 620i				41	2285	NA	NA
	GeForce 7050 / nForce 630i				37	2304	NA	NA
	GeForce 7050 PV / nForce 630a				31	2340	NA	NA
	GeForce 7100 / nForce 620i				26	2358	NA	NA
	GeForce 7100 / nForce 630i				41	2286	NA	NA
	GeForce 7100 GS				51	2248	NA	NA
	GeForce 7150 / nForce 630i				33	2332	NA	NA
	GeForce 7150M / nForce 630M				18	2387	NA	NA
	GeForce 7200 GS				23	2375	NA	NA
	GeForce 7300 GS				78	2169	NA	NA
	GeForce 7300 GT				136	1994	0.91	\$149.99*
	GeForce 7300 LE				80	2166	2.50	\$32.00*
	GeForce 7300 SE				39	2299	NA	NA
	GeForce 7300 SE/7200 GS				47	2261	NA	NA
	GeForce 7350 LE				74	2176	NA	NA
	GeForce 7500 LE				89	2139	NA	NA
	GeForce 7600 GS				157	1953	0.90	\$175.00*
	GeForce 7600 GT				217	1881	1.09	\$199.00*
	GeForce 7650 GS				134	2006	NA	NA
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								\$80.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9600M GT	135	1998	1.74	\$78.20*
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 9600M GT / GeForce GT 220M	293	1803	NA	NA
GeForce 9650M GS	270	1825	NA	NA
GeForce 9650M GT	137	1992	1.17	\$117.30*
GeForce 9700M GT	208	1895	NA	NA
GeForce 9700M GTS	278	1818	NA	NA
GeForce 9800 GT	462	1651	6.17	\$74.99*
GeForce 9800 GT 1024MB	134	2003	NA	NA
GeForce 9800 GTX	769	1297	10.26	\$74.99*
GeForce 9800 GTX+	506	1602	NA	NA
GeForce 9800 GTX/9800 GTX+	608	1468	6.76	\$89.99*
GeForce 9800 GX2	797	1266	4.09	\$195.00*
GeForce 9800 S	635	1428	NA	NA
GeForce 9800M GS	554	1541	NA	NA
GeForce 9800M GT	381	1722	NA	NA
GeForce 9800M GTS	376	1732	NA	NA
GeForce 9800M GTX	454	1666	1.38	\$328.50*
GeForce FX 5100	7	2424	NA	NA
GeForce FX 5200	7	2427	0.06	\$129.00*
GeForce FX 5200 Ultra	12	2404	NA	NA
GeForce FX 5200LE	7	2430	0.16	\$42.99*
GeForce FX 5200SE	11	2405	NA	NA
GeForce FX 5500	8	2419	0.05	\$153.97*
GeForce FX 5600	12	2402	NA	NA
GeForce FX 5600 Ultra	17	2393	NA	NA
GeForce FX 5600XT	9	2415	NA	NA
GeForce FX 5700	40	2288	NA	NA
GeForce FX 5700 Ultra	34	2323	NA	NA
GeForce FX 5700LE	24	2368	NA	NA
GeForce FX 5700VE	33	2331	NA	NA
GeForce FX 5900	34	2320	NA	NA
GeForce FX 5900 Ultra	41	2287	NA	NA
GeForce FX 5900XT	40	2293	NA	NA
GeForce FX 5900ZT	32	2335	NA	NA
GeForce FX 5950 Ultra	59	2224	NA	NA
GeForce FX Go5300	12	2403	NA	NA
GeForce FX Go5650	16	2394	NA	NA
GeForce FX Go5700	51	2246	NA	NA
GeForce FX Go 5200	8	2417	NA	NA
GeForce FX Go 5600	17	2391	NA	NA
GeForce G100	184	1919	9.24	\$19.99*
GeForce G102M	167	1942	NA	NA
GeForce G105M	123	2025	NA	NA
GeForce G200	136	1997	NA	NA
GeForce G205M	91	2133	NA	NA
GeForce G210	102	2098	0.84	\$122.12*
GeForce G210M	116	2051	NA	NA
GeForce G 103M	62	2217	NA	NA
GeForce G 105M	62	2214	NA	NA
GeForce Go 6100	17	2390	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 6150	19	2383	NA	NA
GeForce Go 6200	15	2397	NA	NA
GeForce Go 6400	24	2369	NA	NA
GeForce Go 6600	69	2194	NA	NA
GeForce Go 6600 TF/6200 TF	44	2273	NA	NA
				NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	GeForce Go 7300				52	2243	NA	NA
	GeForce Go 7400				65	2211	NA	NA
	GeForce Go 7600				127	2016	NA	NA
	GeForce Go 7600 GT				210	1892	NA	NA
	GeForce Go 7700				147	1970	NA	NA
	GeForce Go 7800				114	2059	NA	NA
	GeForce Go 7800 GTX				209	1894	NA	NA
	GeForce Go 7900 GS				176	1928	NA	NA
	GeForce Go 7900 GTX				270	1824	NA	NA
	GeForce Go 7950 GTX				263	1831	NA	NA
	GeForce GPU				1189	1038	NA	NA
	GeForce GT625M				457	1663	NA	NA
	GeForce GT 120				168	1939	5.63	\$29.99*
	GeForce GT 120 / 9500 GT				324	1778	NA	NA
	GeForce GT 120M				150	1960	NA	NA
	GeForce GT 130				381	1723	2.52	\$151.34*
	GeForce GT 130M				146	1973	NA	NA
	GeForce GT 140				657	1403	NA	NA
	GeForce GT 220				219	1878	5.48	\$39.99*
	GeForce GT 220M				121	2034	NA	NA
	GeForce GT 230				323	1780	7.35	\$43.99*
	GeForce GT 230M				212	1890	NA	NA
	GeForce GT 240				510	1596	3.17	\$160.97*
	GeForce GT 240M				213	1887	NA	NA
	GeForce GT 320				461	1654	14.10	\$32.69*
	GeForce GT 320M				105	2087	NA	NA
	GeForce GT 325M				169	1936	NA	NA
	GeForce GT 330				394	1713	9.87	\$39.99*
	GeForce GT 330M				214	1886	NA	NA
	GeForce GT 335M				382	1720	NA	NA
	GeForce GT 340				738	1331	13.93	\$52.99*
	GeForce GT 415				251	1846	NA	NA
	GeForce GT 415M				286	1810	NA	NA
	GeForce GT 420				424	1690	2.74	\$155.00*
	GeForce GT 420M				405	1708	NA	NA
	GeForce GT 425M				522	1586	NA	NA
	GeForce GT 430				599	1478	4.28	\$139.99*
	GeForce GT 435M				535	1567	NA	NA
	GeForce GT 440				771	1293	3.43	\$225.00*
	GeForce GT 445M				811	1258	NA	NA
	GeForce GT 520				310	1790	1.02	\$304.00*
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	GeForce GT 520M				281	1816	9.39	\$29.95*
	GeForce GT 520MX				284	1811	NA	NA
	GeForce GT 525M				460	1656	NA	NA
	GeForce GT 530				661	1398	13.50	\$49.00*
	GeForce GT 540M				478	1629	5.44	\$87.95*
	GeForce GT 545				1097	1071	19.74	\$55.59*
	GeForce GT 550M				573	1517	NA	NA
	GeForce GT 555M				654	1405	3.70	\$177.20*
	GeForce GT 610				310	1791	2.22	\$139.99*
	GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT				368	1737	NA	NA
	GeForce GT 620				377	1728	2.45	\$154.00*
	GeForce GT 620M				434	1684	NA	NA
	GeForce GT 625				353	1750	NA	NA
	GeForce GT 625M				478	1628	NA	NA
	GeForce GT 630				677	1388	4.61	\$147.01*
					---	----	---	NA
								\$66.94*

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	GeForce GTX 1060 3GB				9757	210	41.44	\$235.47*
	GeForce GTX 1060 5GB				9058	230	18.56	\$487.99*
	GeForce GTX 1060 (Mobile)				8160	254	NA	NA
	GeForce GTX 1060 with Max-Q Design				7908	264	NA	NA
	GeForce GTX 1070				13508	137	25.49	\$529.99*
	GeForce GTX 1070 (Mobile)				10465	197	NA	NA
	GeForce GTX 1070 Ti				14688	113	25.77	\$569.99*
	GeForce GTX 1070 with Max-Q Design				9918	208	NA	NA
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	GeForce GTX 1080				15537	99	35.09	\$442.79*
	GeForce GTX 1080 Ti				18563	68	38.37	\$483.82*
	GeForce GTX 1080 with Max-Q Design				11469	182	NA	NA
	GeForce GTX 1630				4995	400	26.29	\$189.99*
	GeForce GTX 1650				7877	266	52.60	\$149.76
	GeForce GTX 1650 (Mobile)				6968	295	NA	NA
	GeForce GTX 1650 SUPER				10157	204	40.63	\$249.99
	GeForce GTX 1650 Ti				7557	276	NA	NA
	GeForce GTX 1650 Ti with Max-Q Design				6423	314	NA	NA
	GeForce GTX 1650 with Max-Q Design				6186	325	NA	NA
	GeForce GTX 1660				11677	176	42.74	\$273.22
	GeForce GTX 1660 SUPER				12768	151	56.00	\$227.99
	GeForce GTX 1660 Ti				12916	148	43.16	\$299.25
	GeForce GTX 1660 Ti (Mobile)				10174	202	NA	NA
	GeForce GTX 1660 Ti with Max-Q Design				8592	245	NA	NA
	GeForce GTX Titan				8189	252	10.99	\$745.00*
	GeForce GTX TITAN Black				8971	232	17.09	\$524.99*
	GeForce GTX TITAN X				12990	146	11.84	\$1,096.99*
	GeForce GTX TITAN Z				8986	231	5.93	\$1,515.00*
	GeForce MX110				1438	956	NA	NA
	GeForce MX130				1843	820	NA	NA
	GeForce MX150				2280	696	38.47	\$59.29*
	GeForce MX230				1837	825	NA	NA
	GeForce MX250				2420	658	NA	NA
	GeForce MX330				2443	653	NA	NA
	GeForce MX350				2804	587	NA	NA
	GeForce MX450				3734	482	NA	NA
	GeForce MX550				4554	426	NA	NA
	GeForce MX570				5741	343	NA	NA
	GeForce MX570 A				6040	332	NA	NA
	GeForce PCX 5300				6	2440	NA	NA
	GeForce PCX 5750				34	2318	NA	NA
	GeForce PCX 5900				34	2324	NA	NA
	GeForce RTX 2050				7650	273	NA	NA
	GeForce RTX 2060				14145	120	32.59	\$434.03
	GeForce RTX 2060 12GB				15866	96	NA	NA
	GeForce RTX 2060 (Mobile)				11354	185	NA	NA
	GeForce RTX 2060 SUPER				16557	86	39.80	\$415.98*
	GeForce RTX 2060 with Max-Q Design				9736	212	NA	NA
	GeForce RTX 2070				16166	92	41.51	\$389.46*
	GeForce RTX 2070 (Mobile)				12354	161	NA	NA
	GeForce RTX 2070 SUPER				18246	71	33.18	\$549.99*
	GeForce RTX 2070 Super with Max-Q Design				13778	127	NA	NA
	GeForce RTX 2070 with Max-Q Design				11703	175	NA	NA
	GeForce RTX 2080				18799	66	23.48	\$800.61*
	GeForce RTX 2080 (Mobile)				15107	109	NA	NA
	GeForce RTX 2080 SUPER				19579	61	28.59	\$684.86*
	GeForce RTX 2080 Super with Max-Q Design				13833	125	NA	NA
								\$1,299.99

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	GeForce RTX 2080 with Max-Q Design	13131	143	6.25	\$2,099.99*			
	GeForce RTX 3050 4GB Laptop GPU	6789	302	NA	NA			
	GeForce RTX 3050 6GB	10694	194	61.11	\$174.99			
	GeForce RTX 3050 6GB Laptop GPU	10391	199	NA	NA			
	GeForce RTX 3050 8GB	12845	149	71.18	\$180.47			
	GeForce RTX 3050 Laptop GPU	9454	220	35.02	\$269.99*			
	GeForce RTX 3050 OEM	12021	167	68.71	\$174.97*			
	GeForce RTX 3050 Ti Laptop GPU	10152	205	NA	NA			
	GeForce RTX 3060 8GB	15396	104	NA	NA			
	GeForce RTX 3060 12GB	17026	81	60.81	\$279.99			
	GeForce RTX 3060 Laptop GPU	13366	139	43.12	\$309.99*			
	GeForce RTX 3060 Ti	20517	49	42.59	\$481.69			
	GeForce RTX 3070	22383	35	45.68	\$489.99			
	GeForce RTX 3070 Laptop GPU	15483	100	NA	NA			
	GeForce RTX 3070 Ti	23635	30	47.27	\$499.99			
	GeForce RTX 3070 Ti Laptop GPU	18071	72	NA	NA			
	GeForce RTX 3080	25271	25	38.65	\$653.92			
	GeForce RTX 3080 12GB	26678	21	NA	NA			
	GeForce RTX 3080 Laptop GPU	16467	88	NA	NA			
	GeForce RTX 3080 Ti	27157	17	22.09	\$1,229.27			
	GeForce RTX 3080 Ti Laptop GPU	19848	54	NA	NA			
	GeForce RTX 3090	26770	20	13.84	\$1,934.66			
	GeForce RTX 3090 Ti	29717	9	14.96	\$1,985.86			
	GeForce RTX 4050 Laptop GPU	14420	117	NA	NA			
	GeForce RTX 4060	19612	59	66.94	\$292.97			
	GeForce RTX 4060 Laptop GPU	17669	74	NA	NA			
	GeForce RTX 4060 Ti	22923	31	61.96	\$369.99			
	GeForce RTX 4060 Ti 16GB	22905	32	52.06	\$439.99			
	GeForce RTX 4070	26973	18	49.95	\$539.99			
	GeForce RTX 4070 Laptop GPU	19596	60	NA	NA			
	GeForce RTX 4070 SUPER	30029	8	51.78	\$579.99			
	GeForce RTX 4070 Ti	31768	5	43.52	\$730.03			
	GeForce RTX 4070 Ti SUPER	31639	6	40.56	\$779.99			
	GeForce RTX 4080	34626	3	36.45	\$949.99			
	GeForce RTX 4080 Laptop GPU	25294	24	NA	NA			
	GeForce RTX 4080 SUPER	34145	4	34.15	\$999.99			
	GeForce RTX 4090	38596	1	22.44	\$1,719.99			
	GeForce RTX 4090 D	37631	2	NA	NA			
	GeForce RTX 4090 Laptop GPU	27782	16	NA	NA			
	GF117	554	1542	NA	NA			
	Glenfly Arise-GT-10C0	1007	1117	NA	NA			
	GRID GTX P40-6	4340	441	NA	NA			
	GRID K1	650	1411	1.65	\$395.00*			
	GRID K2	2736	599	0.99	\$2,764.18			
	GRID K120Q	293	1802	NA	NA			
	GRID K140Q	727	1339	NA	NA			
	GRID K160Q	628	1442	NA	NA			
	GRID K180Q	533	1569	NA	NA			
	GRID K220Q	912	1179	NA	NA			
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)				
	GRID K240Q	2541	638	NA	NA			
	GRID K260Q	2949	570	NA	NA			
	GRID K280Q	2839	582	NA	NA			
	GRID K520	3516	510	23.44	\$149.99*			
	GRID M6-0B	911	1180	NA	NA			
	GRID M6-1Q	2069	742	NA	NA			
	GRID M6-8Q	3568	502	NA	NA			
	GRID M10-0B	870	1208	NA	NA			
					NA			

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M2200					4248	448	16.99	\$249.99*
Quadro M3000M					5530	357	34.57	\$159.95*
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro M4000					6675	309	18.44	\$362.00*
Quadro M4000M					6210	320	24.36	\$254.91*
Quadro M5000					9377	223	18.79	\$499.00*
Quadro M5000M					6924	297	12.66	\$546.92*
Quadro M5500					7915	263	NA	NA
Quadro M6000					11815	173	2.45	\$4,827.53*
Quadro M6000 24GB					11890	170	NA	NA
Quadro NVS 55/280 PCI					6	2442	NA	NA
Quadro NVS 110M					47	2263	NA	NA
Quadro NVS 120M					46	2266	NA	NA
Quadro NVS 130M					97	2115	NA	NA
Quadro NVS 135M					52	2242	NA	NA
Quadro NVS 140M					69	2197	NA	NA
Quadro NVS 150M					70	2191	NA	NA
Quadro NVS 160M					135	1999	NA	NA
Quadro NVS 210S					23	2371	NA	NA
Quadro NVS 210S / GeForce 6150LE					20	2380	NA	NA
Quadro NVS 280 PCI					8	2421	0.06	\$130.00*
Quadro NVS 280 SD					2	2551	NA	NA
Quadro NVS 285					42	2283	0.25	\$169.86*
Quadro NVS 285 128MB					38	2302	0.70	\$55.00*
Quadro NVS 290					228	1867	3.86	\$59.00*
Quadro NVS 295					94	2121	1.49	\$63.00*
Quadro NVS 320M					208	1896	NA	NA
Quadro NVS 420					102	2097	0.69	\$150.00*
Quadro NVS 440					37	2306	0.16	\$228.87*
Quadro NVS 450					66	2206	0.42	\$159.00*
Quadro NVS 510M					238	1858	NA	NA
Quadro P400					1642	875	8.17	\$201.17*
Quadro P500					1626	883	NA	NA
Quadro P520					2096	738	1.40	\$1,499.00*
Quadro P600					3287	533	15.61	\$210.58*
Quadro P620					3638	496	6.33	\$574.55*
Quadro P1000					4450	435	15.35	\$289.99*
Quadro P2000					6934	296	15.77	\$439.60*
Quadro P2000 with Max-Q Design					5332	372	NA	NA
Quadro P2200					9325	224	20.28	\$459.80*
Quadro P3000					6491	311	NA	NA
Quadro P3200					8851	235	22.74	\$389.30*
Quadro P3200 with Max-Q Design					9297	225	NA	NA
Quadro P4000					11640	178	20.93	\$556.19*
Quadro P4000 with Max-Q Design					9082	229	NA	NA
Quadro P4200					10565	195	NA	NA
Quadro P4200 with Max-Q Design					11446	183	NA	NA
Quadro P5000					12506	156	6.69	\$1,868.99*
Quadro P5200					12304	164	NA	NA
Quadro P5200 with Max-Q Design					12355	160	NA	NA
Quadro P6000					15310	106	4.71	\$3,250.00*
Quadro RTX 3000					11139	188	NA	NA
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro RTX 3000 with Max-Q Design					8268	251	NA	NA
Quadro RTX 4000					15407	103	17.14	\$899.00*
Quadro RTX 4000 (Mobile)					12478	158	NA	NA
Quadro RTX 4000 with Max-Q Design					12567	154	NA	NA
								NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	Quadro RTX 6000				18776	67	2.98	\$6,300.00*
	Quadro RTX 8000				19401	62	4.09	\$4,741.49*
	Quadro T1000				6473	312	17.50	\$369.99*
	Quadro T1000 with Max-Q Design				6721	305	NA	NA
	Quadro T2000				7179	288	13.59	\$528.35*
	Quadro T2000 with Max-Q Design				6888	298	NA	NA
	Qualcomm Adreno 7c Gen 3 GPU				748	1316	NA	NA
	Qualcomm Adreno 7c+ Gen 3				594	1486	NA	NA
	Qualcomm Adreno 8cx Gen 3				1961	780	NA	NA
	Qualcomm Adreno 540 GPU				118	2045	NA	NA
	Qualcomm Adreno 618 GPU				126	2020	NA	NA
	Qualcomm Adreno 630 GPU				282	1813	NA	NA
	Qualcomm Adreno 675 GPU				539	1564	NA	NA
	Qualcomm Adreno 680 GPU				777	1283	NA	NA
	Qualcomm Adreno 685 GPU				892	1198	NA	NA
	Qualcomm Adreno 690 GPU				1022	1108	NA	NA
	Qualcomm Adreno X1-85 GPU				2788	591	NA	NA
	QXL KMDOD				18	2384	NA	NA
	Radeon 520				867	1211	9.64	\$89.99*
	Radeon 530				1017	1110	NA	NA
	Radeon 535				1075	1086	NA	NA
	Radeon 535DX				773	1286	NA	NA
	Radeon 540				1378	976	NA	NA
	Radeon 540X				1437	957	NA	NA
	Radeon 550				1959	782	21.78	\$89.99
	Radeon 550X				1428	964	NA	NA
	Radeon 610M				1099	1069	NA	NA
	Radeon 610M Ryzen 9 7845HX				21622	44	NA	NA
	Radeon 610M Ryzen 9 7945HX				1524	932	NA	NA
	Radeon 620				897	1194	NA	NA
	Radeon 625				1078	1082	NA	NA
	Radeon 630				1293	1000	NA	NA
	Radeon 660M Ryzen 5 7535HS				3546	505	NA	NA
	Radeon 680M Ryzen 7 7735HS				6166	326	NA	NA
	Radeon 740M				3394	524	NA	NA
	Radeon 760M				5881	337	NA	NA
	Radeon 780M				7065	291	NA	NA
	Radeon 2100				59	2221	0.31	\$190.99*
	Radeon 3000				98	2110	0.31	\$319.00*
	Radeon 3015e				370	1735	NA	NA
	Radeon 3020e				459	1659	NA	NA
	Radeon 3100				73	2178	0.40	\$184.70
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)				
	Radeon 6600M	525	1581	NA				
	Radeon 6750M	911	1181	NA				
	Radeon 7000 / Radeon VE	2	2539	NA				
	RADEON 7000 / RADEON VE Family	3	2503	NA				
	RADEON 7200	2	2534	0.00				
	RADEON 7500	3	2524	0.02				
	RADEON 7500 Family	4	2475	NA				
	RADEON 8500 Family	6	2435	NA				
	RADEON 9000	4	2479	NA				
	RADEON 9000 Family	3	2513	NA				
	RADEON 9100 Family	6	2441	NA				
	RADEON 9100 IGP	5	2457	NA				
	RADEON 9200	3	2510	0.02				
	RADEON 9200 LE Family	2	2543	NA				
	-----	-	----	NA				
				NA				

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	RADEON 9500 PRO / 9700				41	2284	NA	NA
	RADEON 9550				34	2319	0.12	\$291.74*
	Radeon 9550 / X1050				29	2348	NA	NA
	RADEON 9600 Family				25	2365	NA	NA
	RADEON 9600 PRO				42	2280	NA	NA
	RADEON 9600 PRO Family				26	2356	NA	NA
	RADEON 9600 TX Family				18	2386	NA	NA
	RADEON 9600 XT				35	2317	NA	NA
	RADEON 9600SE				27	2352	NA	NA
	RADEON 9700 PRO				53	2238	NA	NA
	Radeon 9700 TX w/TV-Out				44	2277	NA	NA
	RADEON 9800				57	2231	0.18	\$325.00*
	RADEON 9800 PRO				59	2222	NA	NA
	RADEON 9800 SE				23	2372	NA	NA
	RADEON 9800 XT				56	2234	NA	NA
	RADEON A9800XT				22	2377	NA	NA
	Radeon Athlon Gold 3150U				773	1287	NA	NA
	Radeon Athlon Gold PRO 4150GE				1573	909	NA	NA
	Radeon Athlon PRO 3045B				555	1538	NA	NA
	Radeon Athlon Silver 3050U				686	1380	NA	NA
	RADEON E2400				51	2245	NA	NA
	RADEON E4690				405	1707	NA	NA
	Radeon E6460				323	1779	NA	NA
	Radeon E6465				231	1866	NA	NA
	Radeon E6760				876	1205	3.65	\$239.99*
	Radeon E8860				1686	862	NA	NA
	Radeon E8870PCIe				3368	527	NA	NA
	Radeon Eng Sample: 100-000000085-40_35/24_Y				1440	954	NA	NA
	Radeon Eng Sample: 100-000000262-30_Y				2415	659	NA	NA
	Radeon Eng Sample: 100-000000285-40_Y				2404	661	NA	NA
	Radeon Eng Sample: 100-000000287-40_Y				1861	813	NA	NA
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	Radeon Eng Sample: 100-000000300-30_Y				2741	597	NA	NA
	Radeon Eng Sample: 100-000000300-40_Y				2670	611	NA	NA
	Radeon Eng Sample: 100-000000371-40_42/18_Y				2590	628	NA	NA
	Radeon Eng Sample: 100-000000560-40_Y				4749	418	NA	NA
	Radeon Eng Sample: 100-000000561-40_Y				4041	460	NA	NA
	Radeon EPYC 4124P 4-Core				1614	891	NA	NA
	Radeon EPYC 4244P 6-Core				1424	966	NA	NA
	Radeon EPYC 4344P 8-Core				1634	881	NA	NA
	Radeon EPYC 4364P 8-Core				1610	893	NA	NA
	Radeon EPYC 4464P 12-Core				1613	892	NA	NA
	Radeon EPYC 4484PX 12-Core				1619	886	NA	NA
	Radeon EPYC 4564P 16-Core				1618	887	NA	NA
	Radeon EPYC 4584PX 16-Core				1661	870	NA	NA
	Radeon HD4650				239	1856	1.57	\$152.90*
	Radeon HD4670				365	1741	NA	NA
	RADEON HD6370D				320	1783	NA	NA
	RADEON HD6410D				422	1693	NA	NA
	RADEON HD6530D				531	1574	NA	NA
	RADEON HD7450				199	1905	8.95	\$22.25*
	Radeon HD8530M				490	1617	NA	NA
	Radeon HD8970M				3368	526	NA	NA
	Radeon HD 2350				76	2171	NA	NA
	Radeon HD 2400				120	2038	1.37	\$88.20*
	Radeon HD 2400 PCI				14	2399	NA	NA
	Radeon HD 2400 Pro				114	2062	NA	NA
					NA
								\$188.44*

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	Radeon R9 M470				2330	682	NA	NA
	Radeon R9 M470X				3244	539	NA	NA
	Radeon R9 M485X				3660	492	NA	NA
	Radeon RX590 GME				8617	242	NA	NA
	Radeon RX 460				4103	455	24.60	\$166.81*
	Radeon RX 470/570				8012	259	20.60	\$388.99*
	Radeon RX 480				8625	241	25.37	\$339.99*
	Radeon RX 540				1856	815	NA	NA
	Radeon RX 550				2729	601	13.50	\$202.14
	Radeon RX 550X				2266	702	NA	NA
	Radeon RX 560				3643	493	21.03	\$173.28
	Radeon RX 560X				3196	544	NA	NA
	Radeon RX 570X				1923	792	12.57	\$153.01*
	Radeon RX 580				8869	234	49.28	\$179.99*
	Radeon RX 580 2048SP				7698	271	NA	NA
	Radeon RX 580X				7798	269	NA	NA
	Radeon RX 590				9398	222	17.09	\$549.99*
	Radeon RX 640				1976	776	NA	NA
	Radeon RX 5300				7538	280	NA	NA
	Radeon RX 5300M				4307	443	NA	NA
	Radeon RX 5500				8834	236	NA	NA
	Radeon RX 5500 XT				9156	227	50.51	\$181.29*
	Radeon RX 5500M				5515	359	NA	NA
	Radeon RX 5600				11587	179	NA	NA
	Radeon RX 5600 OEM				12004	168	NA	NA
	Radeon RX 5600 XT				13654	135	25.05	\$545.00*
	Radeon RX 5600M				8744	238	NA	NA
	Radeon RX 5700				14466	115	46.67	\$309.99*
	Radeon RX 5700 XT				16620	84	38.05	\$436.85*
	Radeon RX 5700 XT 50th Anniversary				16615	85	NA	NA
	Radeon RX 6300				5741	344	NA	NA
	Radeon RX 6400				7553	277	48.74	\$154.99
	Radeon RX 6500				7670	272	NA	NA
	Radeon RX 6500 XT				9542	216	50.23	\$189.99
	Radeon RX 6500M				7856	268	NA	NA
	Radeon RX 6550M				9461	219	NA	NA
	Radeon RX 6600				15133	108	72.07	\$209.99
	Radeon RX 6600 XT				16493	87	68.73	\$239.99
	Radeon RX 6600M				13687	132	68.44	\$199.99*
	Radeon RX 6600S				13678	133	NA	NA
	Radeon RX 6650 XT				17260	79	82.19	\$209.99
	Radeon RX 6650M				15018	110	NA	NA
	Radeon RX 6700				18861	65	NA	NA
	Radeon RX 6700 XT				19886	52	25.26	\$787.16
	Radeon RX 6700M				13443	138	49.79	\$269.99*
	Radeon RX 6700S				14930	111	49.77	\$299.99
	Radeon RX 6750 GRE 10GB				20643	48	NA	NA
	Radeon RX 6750 GRE 12GB				19731	57	NA	NA
	Radeon RX 6750 XT				20787	47	67.27	\$309.00
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	Radeon RX 6800				22256	36	60.15	\$369.99
	Radeon RX 6800 XT				25032	27	35.85	\$698.22
	Radeon RX 6800M				13263	140	NA	NA
	Radeon RX 6800S				15423	102	NA	NA
	Radeon RX 6850M				12274	165	NA	NA
	Radeon RX 6850M XT				17191	80	NA	NA
	Radeon RX 6900 XT				26845	19	26.89	\$998.37
	Radeon RX 6950 XT				28282	13	28.28	\$999.99*
								\$254.99

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	Memory Benchmarks	PC Benchmarks	Software Marketshare	Database Benchmarks	Android Benchmarks	iOS Benchmarks
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	Ryzen 9 5900HS with Radeon Graphics				5570	351	NA	NA
	Ryzen 9 5900HX with Radeon Graphics				2890	575	NA	NA
	Ryzen 9 6900HS				8005	261	NA	NA
	Ryzen 9 6900HS with Radeon Graphics				6097	329	NA	NA
	Ryzen 9 6900HX with Radeon Graphics				5380	367	NA	NA
	Ryzen 9 PRO 6950H				5758	342	NA	NA
	Ryzen 9 PRO 6950HS with Radeon Graphics				4704	420	NA	NA
	S3 5400EW				146	1972	NA	NA
	S3 Chrome 430 ULP				39	2297	NA	NA
	S3 Chrome S25 DDR2				18	2385	NA	NA
	S3 Chrome S27 DDR3				33	2328	NA	NA
	S3 Inc. Savage4				3	2525	NA	NA
	S3 ProSavageDDR				1	2563	NA	NA
	S3 SuperSavage/IXC 1014				1	2557	NA	NA
	SAPPHIRE RADEON 9000 ATLANTIS PRO				5	2461	NA	NA
	SAPPHIRE RADEON 9600 ATLANTIS				47	2265	NA	NA
	Sapphire RADEON X800 GT				112	2069	NA	NA
	SAPPHIRE Radeon X1550				61	2219	NA	NA
	Seria Mobility Radeon HD 3400				124	2022	NA	NA
	Seria Radeon HD 7700				1603	897	NA	NA
	Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP				2590	629	NA	NA
	Snapdragon X Elite - X1E80100 - Qualcomm Adreno GP				2613	621	NA	NA
	Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP				2953	569	NA	NA
Videocard Name					Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
	Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU				2549	635	NA	NA
	SUMO 964A				497	1611	NA	NA
	SUMO 9640				650	1412	NA	NA
	SUMO 9644				465	1646	NA	NA
	SuperDisplay Virtual Adapter				10390	200	NA	NA
	Surface Duo Adreno 640 GPU				592	1489	NA	NA
	T400				3632	498	23.29	\$155.99
	T400 4GB				3729	483	NA	NA
	T500				3691	487	NA	NA
	T550 Laptop GPU				4854	408	NA	NA
	T600				6467	313	26.95	\$239.99*
	T600 Laptop GPU				7057	292	NA	NA
	T1000				7635	274	25.12	\$303.99*
	T1000 8GB				7623	275	NA	NA
	T1200 Laptop GPU				7856	267	NA	NA
	TENSOR 1.0 Driver Intel HD 630				1299	998	NA	NA
	Tesla C2050				3175	547	11.76	\$269.99*
	Tesla C2050 / C2070				3428	520	NA	NA
	Tesla C2070				2839	581	4.70	\$604.00*
	Tesla C2075				3016	563	4.67	\$646.00*
	Tesla K20m				4432	436	NA	NA
	Tesla K20Xm				2917	572	0.38	\$7,699.00*
	Tesla K40c				4494	431	NA	NA
	Tesla K40m				3281	534	NA	NA
	Tesla K80				5852	338	9.85	\$593.95*
	Tesla M6				6284	318	31.58	\$199.00*
	Tesla M10				3171	548	1.18	\$2,695.00*
	Tesla M40				10376	201	17.29	\$600.00*
	Tesla M40 24GB				10417	198	NA	NA
	Tesla M60				7551	278	9.58	\$787.90*
	Tesla M2070-Q				1305	995	NA	NA
	Tesla P4				8767	237	NA	NA
	Tesla P40				12498	157	NA	NA
								\$5,699.00*
								\$4,420.46*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
TITAN RTX	19950	51	7.98	\$2,499.00*
TITAN V	19742	56	9.87	\$1,999.99*
TITAN V CEO Edition	16987	82	NA	NA
TITAN Xp COLLECTORS EDITION	19070	64	NA	NA
TRINITY DEVASTATOR MOBILE	699	1369	NA	NA
TRINITY SCRAPPER MOBILE	498	1610	NA	NA
V9560XT	6	2437	NA	NA
Vanta/Vanta LT	3	2529	NA	NA
VIA Chrome9 HC3 IGP	2	2540	NA	NA
VIA Chrome9 HC IGP	4	2490	NA	NA
VIA Chrome9 HC IGP Family	3	2502	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2514	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2553	NA	NA
VIA Chrome9 HC IGP WDDM	2	2536	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2518	NA	NA
VIA Chrome9 HCM IGP	1	2561	NA	NA
VIA Chrome9 HD IGP	9	2413	NA	NA
VIA/S3G C-645/640 GPU	132	2008	NA	NA
VIA/S3G Chrome 645/640 GPU	109	2079	NA	NA
VIA/S3G DeltaChrome IGP	3	2520	NA	NA
VIA/S3G KM400/KN400	4	2496	NA	NA
VIA/S3G UniChrome IGP	4	2491	NA	NA
VIA/S3G UniChrome Pro IGP	4	2476	NA	NA
VIA/S3G UniChromell	5	2445	NA	NA
Virtual Display Device	1636	880	NA	NA
VisionTek Radeon 7000	1	2558	NA	NA
WinFast A250 LE	4	2471	NA	NA
Xabre	5	2462	NA	NA
XGI Volari Family v1.13.23.D_V	4	2481	NA	NA
ZX C-1080	351	1753	NA	NA
ZX Chrome 645/640 GPU	147	1971	NA	NA

* - Last price seen from our affiliates.

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