

# Passmark G3D Mark-23082024.txt

## Passmark G3D Mark

### Single Video Card

256MB DDR Radeon 9800 XT	37	2312	NA	NA
7900 MOD - Radeon HD 6520G		610	1473	NA
NA				
7900 MOD - Radeon HD 6550D		892	1203	NA
NA				
A6 Micro-6500T Quad-Core APU with RadeonR4		220		1883
NA	NA			
A10-8Q	7041	298	NA	NA
A16	4981	406	NA	NA
A16-4Q	4165	455	NA	NA
A40-24Q	2616	625	NA	NA
ABIT Siluro T400	3	2508	NA	NA
ALL-IN-WONDER 9000		4	2475	NA
ALL-IN-WONDER 9800		23	2381	NA
ALL-IN-WONDER RADEON 8500DV		5	2460	NA
NA				
ALL-IN-WONDER X800 GT	84	2154	NA	NA
All-in-Wonder X1800XL	30	2352	NA	NA
All-in-Wonder X1900 127	2024	NA	NA	
AMD Ryzen Z1 Extreme	7048	297	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI		3		2533
NA	NA			
ASUS A7000	9	2421	NA	NA
ASUS AGP-V3800PRO v31.40H		4	2494	NA
NA				
ASUS EAH4870x2	496	1621	NA	NA
Asus GTX 650 FML II EC-EGPU		720	1354	NA
NA				
ASUS V9520-X V62.11	7	2432	NA	NA
B8DKMDAP	4557	430	NA	NA
Barco MXRT 1450	205	1906	NA	NA
Barco MXRT 2600	900	1195	4.52	\$199.00*

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Barco MXRT 5400	1161	1054	5.72	\$203.00*	
Barco MXRT 5450	1079	1087	5.40	\$199.99*	
Barco MXRT 5500	2701	613	9.04	\$299.00*	
Barco MXRT 5600	2465	656	3.50	\$704.00*	
Barco MXRT 7100	180	1929	NA	NA	
Barco MXRT 7400	900	1194	9.10	\$99.00*	
Barco MXRT 7500	3753	483	12.55	\$299.00*	
Barco MXRT 7600	4943	408	8.20	\$602.59*	
BASICDISPLAY	69	2200	NA	NA	
Citrix Indirect Display Adapter		2365	674	NA	NA
CMP 30HX	8135	259	NA	NA	
CMP 40HX	6778	305	NA	NA	
CONNECT 3D RADEON X300	36		2318	NA	NA
Custom GPU 0405	2831	589	NA	NA	
Dell 8100 2	2559	0.00	\$999.11*		
Dell 8200 4	2496	NA	NA		
Diamond X1300-PCIE 256MB	70		2199	NA	NA
EAH5450 134	2011	1.22	\$109.99*		
EIZO Quadro MED-XN51LP		5048	401	NA	NA
Embedded Radeon E9173		1793	840	NA	NA
Eng Sample: 100-000000261-50_Y			2859	583	NA
NA					
Extreme AX850 PRO		120	2047	NA	NA
FireGL T2-128	30	2350	NA	NA	
FireGL V3100	52	2247	NA	NA	
FireGL V3200	84	2151	NA	NA	

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

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Price

(USD)

FireGL V3300	70	2196	NA	NA
FireGL V3350	68	2206	NA	NA
FireGL V3400	103	2102	NA	NA
FireGL V3600	179	1930	1.12	\$160.99*
FireGL V5100	92	2135	0.81	\$114.96*
FireGL V5200	114	2069	0.86	\$133.40*
FireGL V5600	341	1767	1.52	\$225.00*
FireGL V7100	71	2190	0.22	\$328.67*
FireGL V7200	116	2060	NA	NA
FireGL V7300	128	2022	0.11	\$1,189.99*
FireGL V7350	110	2082	0.93	\$119.42*
FireGL V7600	615	1465	NA	NA
FireGL V7700	660	1406	9.43	\$69.99*
FireGL V8600	838	1235	NA	NA
FireGL V8650	550	1553	1.84	\$298.99*
FireGL X1 59	2232	NA	NA	
FireMV 2200 PCI	1	2575	NA	NA
FireMV 2200 PCIe	36	2320	0.40	\$89.99*
FireMV 2250	45	2276	0.44	\$104.00*
FireMV 2260	117	2055	1.33	\$88.08*
FireMV 2400 PCIe	11	2413	NA	NA
FireMV 2450	73	2184	NA	NA
FirePro 3D V3700	178	1933	2.10	\$84.99*
FirePro 3D V3750	341	1765	6.71	\$50.88*
FirePro 3D V3800	472	1648	3.15	\$149.99*
FirePro 3D V4800	853	1227	5.33	\$159.99*
FirePro 3D V5700	546	1557	1.71	\$319.99*
FirePro 3D V5800	1231	1026	6.04	\$204.00*
FirePro 3D V7750	545	1561	1.56	\$350.00*
FirePro 3D V7800	1867	815	3.11	\$599.99*
FirePro 3D V8700	1206	1033	7.09	\$170.07*
FirePro 3D V8750	1271	1009	1.03	\$1,230.99*
FirePro 3D V8800	2437	660	5.74	\$424.99*
FirePro 3D V9800	2811	592	1.13	\$2,499.00*
FirePro 2260	112	2074	NA	NA

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FirePro 2270	142	1985	1.06	\$134.00*	
FirePro 2450	51	2256	0.57	\$89.99*	
FirePro 2460	170	1943	2.03	\$83.99*	
FirePro M2000	425	1695	NA	NA	
FirePro M4000	1605	900	22.04	\$72.83*	
FirePro M4000 Mobility Pro		1628	887	NA	NA
Firepro M4100	1059	1099	NA	NA	
FirePro M4150	946	1159	NA	NA	
FirePro M4170	1133	1061	NA	NA	
FirePro M5100	2102	741	NA	NA	
FirePro M5100 FireGL V		1839	827	NA	NA
FirePro M5950	1314	996	NA	NA	
FirePro M6000	1820	834	5.58	\$325.99*	
FirePro M6000 Mobility Pro		1712	860	NA	NA

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Passmark G3D Mark  
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FirePro M6100	2152	729	NA	NA	
FirePro M6100 FireGL V		2874	582	NA	NA
FirePro M7740	665	1403	NA	NA	
FirePro M40003	1364	984	NA	NA	
FirePro R5000	2646	621	24.06	\$109.99*	
FirePro RG220	335	1774	0.52	\$650.18*	
FirePro S7000	4523	434	18.35	\$246.54*	
FirePro S7150	2726	607	1.61	\$1,697.99*	
FirePro S9000	5059	400	NA	NA	
FirePro S9050	4901	410	NA	NA	

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FirePro S10000	4768	420	NA	NA	
FirePro V3800	320	1789	2.57	\$124.99*	
FirePro V3900	640	1430	2.69	\$238.44*	
FirePro V4900	990	1136	6.60	\$149.99*	
FirePro V5700	464	1656	2.47	\$188.06*	
FirePro V5800	1175	1047	22.18	\$53.00*	
FirePro V5900	1263	1011	14.70	\$86.00*	
FirePro V7000	3161	555	NA	NA	
FirePro V7800	2028	762	10.68	\$190.00*	
FirePro V7900	2304	696	12.13	\$190.00*	
FirePro V8700	1538	930	9.75	\$157.88*	
FirePro V8800	2280	700	11.52	\$198.00*	
FirePro V9800	2726	608	5.75	\$474.00*	
FirePro W600	1671	870	4.03	\$414.99*	
FirePro W2100	871	1214	14.77	\$59.00*	
FirePro W4100	1509	940	8.20	\$184.00*	
FirePro W4170M	1035	1108	NA	NA	
FirePro W4190M	1148	1057	NA	NA	
FirePro W4300	2820	591	11.75	\$239.99*	
FirePro W5000	2977	572	16.18	\$184.00*	
FirePro W5100	2988	571	23.72	\$125.99*	
FirePro W5130M	1409	975	NA	NA	
FirePro W5170M	1784	842	NA	NA	
FirePro W6150M	2358	680	NA	NA	
FirePro W7000	4288	450	15.42	\$278.05*	
FirePro W7000 Adapter		4359	444	NA	NA
FirePro W7100	5259	380	13.51	\$389.30*	
FirePro W7170M	3161	556	NA	NA	
FirePro W8000	4095	461	7.15	\$573.00*	
FirePro W8100	7279	290	10.34	\$704.00*	
FirePro W9000	6138	333	7.26	\$845.00*	
FirePro W9100	7986	265	4.62	\$1,729.99*	
FireStream 9170	647	1423	NA	NA	
FireStream 9250	1164	1051	NA	NA	
FireStream 9270	1341	990	NA	NA	
FireStream 9370	2528	647	NA	NA	
GeCube RADEON 7000		8	2423	NA	NA

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GeForce2 Go	4	2500	NA	NA	
GeForce2 GTS/GeForce2 Pro	3	2505	NA	NA	NA
Videocard Name					

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
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Price  
(USD)

GeForce2 Integrated GPU	4	2495	NA	NA	
GeForce2 MX	2	2544	NA	NA	
GeForce2 MX 100/200	3	2529	NA	NA	
GeForce2 MX with DVI-D and TV-out	4	2479	NA	NA	
NA					
GeForce2 MX with TV Out	2	2553	NA	NA	
GeForce2 MX/MX 400	3	2507	NA	NA	
GeForce2 Ti	4	2487	NA	NA	
GeForce2 Ultra	6	2445	NA	NA	
GeForce3 4	2476	NA	NA		
GeForce3 Ti 200	4	2502	NA	NA	
GeForce3 Ti 500	2	2555	NA	NA	
GeForce4 420 Go	3	2526	NA	NA	
GeForce4 420 Go 32M	5	2465	NA	NA	NA
GeForce4 440	4	2473	NA	NA	
GeForce4 440 Go	3	2513	NA	NA	
GeForce4 440 Go 64M	5	2451	NA	NA	NA
GeForce4 448 Go	5	2462	NA	NA	
GeForce4 4200 Go	3	2506	NA	NA	
GeForce4 MX 420	4	2480	NA	NA	
GeForce4 MX 440	4	2490	NA	NA	
GeForce4 MX 440 with AGP8X	4	2477	NA	NA	NA

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GeForce4 MX 440SE	4	2489	NA	NA
GeForce4 MX 460	4	2499	NA	NA
GeForce4 MX 4000	4	2493	NA	NA
GeForce4 MX Integrated GPU	6	2443	NA	NA
GeForce4 Ti 4200	5	2461	NA	NA
GeForce4 Ti 4400	7	2436	NA	NA
GeForce4 Ti 4600	5	2463	0.10	\$53.99*
GeForce4 Ti 4800	5	2453	NA	NA
GeForce4 Ti 4800 SE	6	2439	NA	NA
GeForce9400M	105	2093	NA	NA
GeForce 205	126	2028	NA	NA
GeForce 210	113	2072	2.10	\$54.15*
GeForce 240M GT	319	1791	NA	NA
GeForce 256	5	2470	0.12	\$42.04*
GeForce 305M	150	1969	NA	NA
GeForce 310	119	2049	1.10	\$108.35*
GeForce 310M	115	2061	NA	NA
GeForce 315	156	1962	4.74	\$32.99*
GeForce 315M	115	2065	NA	NA
GeForce 320M	209	1900	NA	NA
GeForce 405	120	2046	4.89	\$24.64*
GeForce 410M	256	1846	NA	NA
GeForce 505	118	2054	1.03	\$115.06*
GeForce 510	254	1850	3.64	\$69.99*
GeForce 605	317	1793	2.32	\$136.83*
GeForce 610M	291	1812	NA	NA
GeForce 615	514	1599	NA	NA
GeForce 705M	455	1672	NA	NA

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
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Videocard Value

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(higher is better)

Price

(USD)

GeForce 710A	473	1647	NA	NA	
GeForce 710M	460	1663	NA	NA	
GeForce 720A	614	1467	NA	NA	
GeForce 730A	771	1300	NA	NA	
GeForce 770M	3245	544	18.34	\$176.99*	
GeForce 800A	476	1642	NA	NA	
GeForce 800M	457	1668	NA	NA	
GeForce 810A	622	1456	NA	NA	
GeForce 810M	411	1708	NA	NA	
GeForce 820A	555	1544	NA	NA	
GeForce 820M	495	1622	NA	NA	
GeForce 825M	782	1285	NA	NA	
GeForce 830A	1138	1060	NA	NA	
GeForce 830M	1008	1123	NA	NA	
GeForce 840A	1179	1045	NA	NA	
GeForce 840M	1089	1082	NA	NA	
GeForce 845M	1524	935	NA	NA	
GeForce 910M	601	1483	NA	NA	
GeForce 920A	836	1238	NA	NA	
GeForce 920M	721	1353	NA	NA	
GeForce 920MX	1081	1085	NA	NA	
GeForce 930A	1267	1010	NA	NA	
GeForce 930M	1012	1120	NA	NA	
GeForce 930MX	1288	1006	NA	NA	
GeForce 940A	1106	1071	NA	NA	
GeForce 940M	1121	1066	NA	NA	
GeForce 940MX	1516	937	NA	NA	
GeForce 945A	1852	822	NA	NA	
GeForce 945M	2108	738	NA	NA	
GeForce 999 GTX	83	2158	NA	NA	
GeForce 6100	27	2360	NA	NA	
GeForce 6100 nForce 400		25	2371	NA	NA
GeForce 6100 nForce 405		26	2362	NA	NA



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GeForce 6100 nForce 420	25	2370	NA	NA
GeForce 6100 nForce 430	23	2383	NA	NA
GeForce 6150	21	2386	0.07	\$329.00*
GeForce 6150 LE	33	2336	NA	NA
GeForce 6150SE	24	2374	NA	NA
GeForce 6150SE nForce 430	30	2349	NA	NA
GeForce 6200	37	2314	0.37	\$99.99*
GeForce 6200 A-LE	32	2344	NA	NA
GeForce 6200 LE	27	2356	0.68	\$41.24*
GeForce 6200 TurboCache	53	2246	NA	NA
GeForce 6200A	3	2516	0.07	\$54.99*
GeForce 6200SE TurboCache	37	2316	NA	NA
GeForce 6500	38	2308	NA	NA
GeForce 6600	86	2149	0.33	\$264.00*
GeForce 6600 GT	143	1983	2.21	\$64.95*
GeForce 6600 LE	51	2254	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	2147	NA	NA
GeForce 6700 XL	95	2125	NA	NA
GeForce 6800	112	2075	0.20	\$559.29*
GeForce 6800 GS	191	1920	NA	NA
GeForce 6800 GS/XT		102	2106	NA
GeForce 6800 GT	142	1987	NA	NA
GeForce 6800 LE	109	2085	NA	NA
GeForce 6800 Ultra	138	1997	NA	NA

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GeForce 6800 XE	58	2233	NA	NA	
GeForce 6800 XT	123	2034	NA	NA	
GeForce 7000M	13	2407	NA	NA	
GeForce 7000M / nForce 610M12			2408	NA	NA
GeForce 7025 / nForce 630a	32		2341	NA	NA
GeForce 7050 / nForce 610i	25		2368	NA	NA
GeForce 7050 / nForce 620i	41		2293	NA	NA
GeForce 7050 / nForce 630i	37		2311	NA	NA
GeForce 7050 PV / nForce 630a			31	2347	NA
NA					
GeForce 7100 / nForce 620i	26		2365	NA	NA
GeForce 7100 / nForce 630i	41		2291	NA	NA
GeForce 7100 GS	51	2255	NA	NA	
GeForce 7150 / nForce 630i	33		2339	NA	NA
GeForce 7150M / nForce 630M18			2394	NA	NA
GeForce 7200 GS	23	2382	NA	NA	
GeForce 7300 GS	78	2177	NA	NA	
GeForce 7300 GT	136	2002	0.91	\$149.99*	
GeForce 7300 LE	80	2174	2.50	\$32.00*	
GeForce 7300 SE	39	2306	NA	NA	
GeForce 7300 SE/7200 GS	47		2267	NA	NA
GeForce 7350 LE	74	2183	NA	NA	
GeForce 7500 LE	89	2146	NA	NA	
GeForce 7600 GS	157	1960	0.90	\$175.00*	
GeForce 7600 GT	217	1888	1.09	\$199.00*	
GeForce 7650 GS	134	2013	NA	NA	
GeForce 7800 GS	177	1934	NA	NA	
GeForce 7800 GT	244	1860	3.05	\$80.00*	
GeForce 7800 GTX	290	1813	4.06	\$71.60*	
GeForce 7900 GS	253	1851	NA	NA	
GeForce 7900 GT	258	1844	1.30	\$199.00*	
GeForce 7900 GT/GTO		247	1857	NA	NA
GeForce 7900 GTX	387	1726	NA	NA	
GeForce 7950 GT	344	1764	1.37	\$250.81*	
GeForce 7950 GX2	201	1909	3.67	\$54.99*	
GeForce 7950 Xtreme		287	1816	NA	NA
GeForce 8100 / nForce 720a	79		2176	NA	NA

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GeForce 8200	155	1963	NA	NA
GeForce 8200M G	58	2236	NA	NA
GeForce 8300	101	2110	4.48	\$22.68*
GeForce 8300 GS	115	2064	NA	NA
GeForce 8400	81	2168	0.14	\$589.99*

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
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Videocard Value  
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Price  
(USD)

GeForce 8400 GS	152	1966	1.77	\$85.97*	
GeForce 8400 SE	68	2207	NA	NA	
GeForce 8400M G	58	2234	NA	NA	
GeForce 8400M GS	109	2087	1.40	\$78.20*	
GeForce 8400M GT	66	2215	NA	NA	
GeForce 8500 GT	140	1988	NA	NA	
GeForce 8600 GS	91	2138	NA	NA	
GeForce 8600 GT	123	2036	0.63	\$196.00*	
GeForce 8600 GTS	149	1971	0.62	\$241.99*	
GeForce 8600M GS	70	2197	NA	NA	
GeForce 8600M GT	89	2143	0.83	\$108.10*	
GeForce 8700M GT	124	2030	NA	NA	
GeForce 8800 GS	330	1779	NA	NA	
GeForce 8800 GT	480	1632	6.86	\$69.99*	
GeForce 8800 GTS	417	1704	5.21	\$79.99*	
GeForce 8800 GTS 512		568	1532	NA	NA
GeForce 8800 GTX	590	1499	4.92	\$119.99*	
GeForce 8800 Ultra	642	1428	1.04	\$619.99	
GeForce 8800M GTS		382	1728	NA	NA

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GeForce 8800M GTX		462	1659	NA	NA
GeForce 9100	81	2162	NA	NA	
GeForce 9100M G	68	2208	NA	NA	
GeForce 9200	168	1948	NA	NA	
GeForce 9200M GE	143	1984	NA	NA	
GeForce 9200M GS	111	2080	NA	NA	
GeForce 9300	126	2025	2.15	\$59.00*	
GeForce 9300 / nForce 730i		128	2020	NA	NA
GeForce 9300 GE	80	2173	3.50	\$22.99*	
GeForce 9300 GS	102	2107	1.71	\$59.95*	
GeForce 9300 SE	81	2166	NA	NA	
GeForce 9300GE	97	2120	1.01	\$97.20*	
GeForce 9300M G	84	2153	NA	NA	
GeForce 9300M GS	94	2127	2.17	\$43.42*	
GeForce 9400	98	2115	NA	NA	
GeForce 9400 GT	157	1959	0.98	\$159.99*	
GeForce 9400M	101	2111	NA	NA	
GeForce 9400M G	67	2211	NA	NA	
GeForce 9450	104	2096	NA	NA	
GeForce 9500 GS	187	1925	NA	NA	
GeForce 9500 GT	163	1954	1.91	\$85.99*	
GeForce 9500M	103	2101	1.02	\$101.20*	
GeForce 9500M G	121	2043	NA	NA	
GeForce 9500M GS	134	2012	NA	NA	
GeForce 9600 GS	281	1823	NA	NA	
GeForce 9600 GSO	327	1784	6.54	\$49.99*	
GeForce 9600 GSO	512	329	1780	NA	NA
GeForce 9600 GT	487	1627	7.50	\$64.99*	
GeForce 9600M GS	130	2017	NA	NA	
GeForce 9600M GT	135	2005	1.74	\$78.20*	

Videocard Name

Passmark G3D Mark  
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Videocard Value  
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Price  
(USD)

GeForce 9600M GT / GeForce GT 220M	293	1810	NA
NA			
GeForce 9650M GS	270	1832	NA
GeForce 9650M GT	137	2000	1.17
GeForce 9700M GT	208	1902	NA
GeForce 9700M GTS	278	1826	NA
GeForce 9800 GT	462	1658	3.10
GeForce 9800 GT 1024MB	134	2010	NA
GeForce 9800 GTX	769	1304	10.26
GeForce 9800 GTX+506	1610	NA	NA
GeForce 9800 GTX/9800 GTX+		606	1477
\$89.99*			6.74
GeForce 9800 GX2	797	1274	4.09
GeForce 9800 S	635	1435	NA
GeForce 9800M GS	554	1547	NA
GeForce 9800M GT	381	1729	NA
GeForce 9800M GTS	376	1739	NA
GeForce 9800M GTX	454	1674	1.38
GeForce FX 5100	7	2431	NA
GeForce FX 5200	7	2434	0.06
GeForce FX 5200 Ultra	12	2411	NA
GeForce FX 5200LE	7	2437	0.16
GeForce FX 5200SE	11	2412	NA
GeForce FX 5500	8	2426	0.05
GeForce FX 5600	12	2409	NA
GeForce FX 5600 Ultra	17	2400	NA
GeForce FX 5600XT	9	2422	NA
GeForce FX 5700	40	2295	NA
GeForce FX 5700 Ultra	34	2330	NA
GeForce FX 5700LE	24	2375	NA
GeForce FX 5700VE	33	2338	NA

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GeForce FX 5900	34	2327	NA	NA	
GeForce FX 5900 Ultra		41	2294	NA	NA
GeForce FX 5900XT 40		2300	NA	NA	
GeForce FX 5900ZT 32		2342	NA	NA	
GeForce FX 5950 Ultra		59	2231	NA	NA
GeForce FX Go5300 12		2410	NA	NA	
GeForce FX Go5650 16		2401	NA	NA	
GeForce FX Go5700 51		2253	NA	NA	
GeForce FX Go 5200		8	2424	NA	NA
GeForce FX Go 5600		17	2398	NA	NA
GeForce G100	184	1926	9.24	\$19.99*	
GeForce G102M	167	1950	NA	NA	
GeForce G105M	122	2037	NA	NA	
GeForce G200	136	2004	NA	NA	
GeForce G205M	91	2140	NA	NA	
GeForce G210	102	2105	0.84	\$122.12*	
GeForce G210M	116	2059	NA	NA	
GeForce G 103M	62	2224	NA	NA	
GeForce G 105M	62	2221	NA	NA	
GeForce Go 6100	17	2397	NA	NA	

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Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

GeForce Go 6150	19	2390	NA	NA
GeForce Go 6200	15	2404	NA	NA
GeForce Go 6400	24	2376	NA	NA
GeForce Go 6600	69	2201	NA	NA

# Passmark G3D Mark-23082024.txt

GeForce Go 6600 TE/6200 TE	44	2280	NA	NA
GeForce Go 6800	106	2092	NA	NA
GeForce Go 6800 Ultra	137	1999	NA	NA
GeForce Go 7200	45	2278	NA	NA
GeForce Go 7300	52	2250	NA	NA
GeForce Go 7400	65	2218	NA	NA
GeForce Go 7600	127	2023	NA	NA
GeForce Go 7600 GT	210	1899	NA	NA
GeForce Go 7700	147	1977	NA	NA
GeForce Go 7800	114	2067	NA	NA
GeForce Go 7800 GTX	209	1901	NA	NA
GeForce Go 7900 GS	176	1935	NA	NA
GeForce Go 7900 GTX	270	1831	NA	NA
GeForce Go 7950 GTX	263	1838	NA	NA
GeForce GPU	1189	1043	NA	NA
GeForce GT625M	457	1670	NA	NA
GeForce GT 120	168	1947	5.63	\$29.99*
GeForce GT 120 / 9500 GT	324	1785	NA	NA
GeForce GT 120M	150	1968	NA	NA
GeForce GT 130	381	1730	2.52	\$151.34*
GeForce GT 130M	146	1980	NA	NA
GeForce GT 140	657	1409	NA	NA
GeForce GT 220	219	1885	5.48	\$39.99*
GeForce GT 220M	121	2041	NA	NA
GeForce GT 230	323	1787	7.35	\$43.99*
GeForce GT 230M	212	1897	NA	NA
GeForce GT 240	507	1607	3.15	\$160.97*
GeForce GT 240M	213	1893	NA	NA
GeForce GT 320	461	1661	14.10	\$32.69*
GeForce GT 320M	105	2094	NA	NA
GeForce GT 325M	169	1944	NA	NA
GeForce GT 330	394	1720	9.87	\$39.99*
GeForce GT 330M	214	1892	NA	NA
GeForce GT 335M	382	1727	NA	NA
GeForce GT 340	738	1337	13.93	\$52.99*
GeForce GT 415	251	1852	NA	NA
GeForce GT 415M	286	1817	NA	NA

# Passmark G3D Mark-23082024.txt

GeForce GT 420	424	1696	2.74	\$155.00*
GeForce GT 420M	405	1715	NA	NA
GeForce GT 425M	522	1592	NA	NA
GeForce GT 430	599	1485	4.28	\$139.99*
GeForce GT 435M	535	1573	NA	NA
GeForce GT 440	771	1301	3.43	\$225.00*
GeForce GT 445M	811	1265	NA	NA
GeForce GT 520	310	1797	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	1824	9.39	\$29.95*
GeForce GT 520MX	284	1819	NA	NA
GeForce GT 525M	460	1664	NA	NA
GeForce GT 530	661	1405	13.51	\$49.00*
GeForce GT 540M	478	1636	5.44	\$87.95*
GeForce GT 545	1102	1073	19.84	\$55.59*
GeForce GT 550M	573	1524	NA	NA
GeForce GT 555M	654	1412	3.70	\$177.20*
GeForce GT 610	310	1798	2.22	\$139.99*
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT				368
1745	NA	NA		
GeForce GT 620	377	1735	2.45	\$154.00*
GeForce GT 620M	434	1691	NA	NA
GeForce GT 625	353	1757	NA	NA
GeForce GT 625M	478	1635	NA	NA
GeForce GT 630	677	1394	4.61	\$147.01*



# Passmark G3D Mark-23082024.txt

GeForce GT 630M	539	1571	NA	NA	
GeForce GT 635	832	1244	12.43	\$66.94*	
GeForce GT 635M	561	1538	NA	NA	
GeForce GT 640	1173	1048	10.67	\$109.99*	
GeForce GT 640M	927	1174	NA	NA	
GeForce GT 640M LE		701	1374	0.83	\$849.99*
GeForce GT 645	2005	768	NA	NA	
GeForce GT 645M	932	1171	NA	NA	
GeForce GT 650M	1201	1040	NA	NA	
GeForce GT 705	330	1778	1.11	\$296.76*	
GeForce GT 710	629	1446	2.52	\$249.99*	
GeForce GT 710M	445	1682	NA	NA	
GeForce GT 720	610	1472	6.11	\$99.99*	
GeForce GT 720A	573	1523	NA	NA	
GeForce GT 720M	461	1660	NA	NA	
GeForce GT 730	834	1241	7.58	\$109.99*	
GeForce GT 730A	742	1333	NA	NA	
GeForce GT 730M	816	1260	NA	NA	
GeForce GT 735M	648	1421	NA	NA	
GeForce GT 740	1483	950	6.26	\$236.99*	
GeForce GT 740A	667	1401	NA	NA	
GeForce GT 740M	792	1281	NA	NA	
GeForce GT 745A	1240	1019	NA	NA	
GeForce GT 745M	1096	1077	NA	NA	
GeForce GT 750M	1327	992	NA	NA	
GeForce GT 755M	1695	864	NA	NA	
GeForce GT 820M	564	1536	NA	NA	
GeForce GT 1030	2462	657	22.38	\$109.99	
GeForce GTS 150M	504	1612	NA	NA	
GeForce GTS 160M	678	1393	NA	NA	
GeForce GTS 240	556	1543	8.56	\$64.99*	
GeForce GTS 250	598	1486	8.55	\$69.99*	
GeForce GTS 250M	553	1550	NA	NA	
GeForce GTS 350M	407	1710	NA	NA	

Videocard Name

Passmark G3D Mark

# Passmark G3D Mark-23082024.txt

(higher is better)

Rank

(lower is better)

Videocard Value

(higher is better)

Price

(USD)

GeForce GTS 360M 653	1415	NA	NA	
GeForce GTS 450 1321	993	16.52	\$79.99*	
GeForce GTX 260 1223	1029	4.28	\$285.78	
GeForce GTX 260M 379	1732	NA	NA	
GeForce GTX 275 1416	974	3.28	\$431.72*	
GeForce GTX 280 1299	1004	2.49	\$522.78*	
GeForce GTX 280M 575	1519	NA	NA	
GeForce GTX 285 1515	938	12.63	\$119.99*	
GeForce GTX 285M 636	1434	NA	NA	
GeForce GTX 295 1206	1034	7.54	\$159.99*	
GeForce GTX 460 2263	710	25.15	\$89.99*	
GeForce GTX 460 SE	2001	770	12.51	\$159.99*
GeForce GTX 460 v2	1871	814	9.36	\$199.99*
GeForce GTX 460M 1246	1017	NA	NA	
GeForce GTX 465 2656	620	13.63	\$195.00*	
GeForce GTX 470 3106	561	51.79	\$59.99*	
GeForce GTX 470M 1953	790	NA	NA	
GeForce GTX 480 4106	458	24.16	\$169.99*	
GeForce GTX 480M 1617	895	NA	NA	
GeForce GTX 485M 2359	679	NA	NA	
GeForce GTX 550 Ti 1552	921	15.52	\$99.99*	
GeForce GTX 555 1571	916	NA	NA	
GeForce GTX 560 2744	602	13.39	\$205.00*	
GeForce GTX 560 SE	1914	802	21.27	\$89.99*
GeForce GTX 560 Ti 3046	567	23.44	\$129.99*	
GeForce GTX 560M 1257	1015	NA	NA	
GeForce GTX 570 3930	470	26.20	\$149.99*	

# Passmark G3D Mark-23082024.txt

GeForce GTX 570M	1863	817	NA	NA	
GeForce GTX 580	4572	429	32.68	\$139.92*	
GeForce GTX 580M	2074	746	8.34	\$248.68*	
GeForce GTX 590	3341	535	7.68	\$435.00*	
GeForce GTX 645	1872	813	NA	NA	
GeForce GTX 650	1750	848	12.17	\$143.80	
GeForce GTX 650 Ti	2524	649	27.13	\$93.05*	
GeForce GTX 650 Ti BOOST	3339	536	NA	NA	NA
GeForce GTX 660	4001	467	23.83	\$167.95*	
GeForce GTX 660 Ti	4421	443	30.70	\$144.00*	
GeForce GTX 660M	1440	960	18.23	\$78.99*	
GeForce GTX 670	5327	378	27.46	\$193.98*	
GeForce GTX 670M	1744	851	NA	NA	
GeForce GTX 670MX		1951	791	NA	NA
GeForce GTX 675M	1927	795	NA	NA	
GeForce GTX 675MX		2716	611	NA	NA
GeForce GTX 680	5556	362	13.93	\$399.00*	
GeForce GTX 680M	3216	548	23.65	\$135.99*	
GeForce GTX 680M KY_Bullet Edition		3568	505	NA	NA
GeForce GTX 680MX		4142	457	NA	NA
GeForce GTX 690	5571	355	19.83	\$280.99*	
GeForce GTX 745	2139	732	7.51	\$284.95*	

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

GeForce GTX 750	3351	533	41.90	\$79.99*
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# Passmark G3D Mark-23082024.txt

GeForce GTX 750 Ti3903	472	44.30	\$88.11*	
GeForce GTX 760 4792	418	32.16	\$149.00*	
GeForce GTX 760 Ti5240	383	17.62	\$297.50*	
GeForce GTX 760 Ti OEM	5427	369	NA	NA
GeForce GTX 760A 1226	1027	NA	NA	
GeForce GTX 760M 1720	857	NA	NA	
GeForce GTX 765M 1990	774	10.68	\$186.30*	
GeForce GTX 770 5919	340	23.77	\$249.00*	
GeForce GTX 770M 2804	593	20.32	\$138.00*	
GeForce GTX 775M 3634	500	NA	NA	
GeForce GTX 780 8006	263	28.60	\$279.99*	
GeForce GTX 780 Ti9525	218	28.02	\$339.99*	
GeForce GTX 780M 3852	478	7.72	\$499.00*	
GeForce GTX 850A 1049	1102	NA	NA	
GeForce GTX 850M 2515	651	NA	NA	
GeForce GTX 850M - MODDED		1091	1081	NA
NA				
GeForce GTX 860M 3049	566	26.75	\$114.00*	
GeForce GTX 870M 3449	523	NA	NA	
GeForce GTX 880M 3817	480	NA	NA	
GeForce GTX 950 5338	377	37.60	\$141.99*	
GeForce GTX 950A 2552	640	NA	NA	
GeForce GTX 950M 2584	636	4.56	\$567.00*	
GeForce GTX 960 6077	336	35.33	\$172.00*	
GeForce GTX 960A 3355	532	NA	NA	
GeForce GTX 960M 3391	528	2.90	\$1,169.00*	
GeForce GTX 965M 3792	481	NA	NA	
GeForce GTX 970 9639	215	40.50	\$237.99*	
GeForce GTX 970M 5742	348	27.35	\$209.99*	
GeForce GTX 970XM FORCE	6706	311	NA	NA
GeForce GTX 980 11103	190	44.89	\$247.35*	
GeForce GTX 980 Ti13813	129	21.43	\$644.61	
GeForce GTX 980M 7343	289	25.32	\$289.99*	
GeForce GTX 1050 5043	402	21.10	\$239.00*	
GeForce GTX 1050 3GB	5099	398	NA	NA
GeForce GTX 1050 (Mobile)	4461	438	NA	NA
GeForce GTX 1050 Ti	6314	321	13.57	\$465.36

# Passmark G3D Mark-23082024.txt

GeForce GTX 1050 Ti (Mobile)	5918	341	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5374		373	NA
NA				
GeForce GTX 1050 with Max-Q Design	4069		462	NA
NA				
GeForce GTX 1060	10072	207	29.63	\$339.99
GeForce GTX 1060 3GB	9757		211	41.44
GeForce GTX 1060 5GB	9058		232	18.56
GeForce GTX 1060 (Mobile)	8160		256	NA
GeForce GTX 1060 with Max-Q Design	7906		267	NA
NA				
GeForce GTX 1070	13505	140	25.48	\$529.99*
GeForce GTX 1070 (Mobile)	10465		198	NA
GeForce GTX 1070 Ti	14683		115	25.76
GeForce GTX 1070 with Max-Q Design	9923		209	NA
NA				

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

GeForce GTX 1080	15541	101	35.10	\$442.79*
GeForce GTX 1080 Ti	18562		70	38.37
GeForce GTX 1080 with Max-Q Design	11469		183	NA
NA				
GeForce GTX 1630	4983	405	26.23	\$189.99*
GeForce GTX 1650	7877	270	54.33	\$144.99
GeForce GTX 1650 (Mobile)	6968		300	NA
GeForce GTX 1650 SUPER	10157		205	45.74
				\$222.06*

Passmark G3D Mark-23082024.txt

GeForce GTX 1650 Ti	7549	283	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6421		318	NA
NA				
GeForce GTX 1650 with Max-Q Design	6182		330	NA
NA				
GeForce GTX 1660	11682	178	29.28	\$399.00
GeForce GTX 1660 SUPER	12760	154	55.97	\$227.99
GeForce GTX 1660 Ti	12911	151	43.04	\$299.99
GeForce GTX 1660 Ti (Mobile)	10178	204	NA	NA
GeForce GTX 1660 Ti with Max-Q Design	8598		247	NA
NA				
GeForce GTX Titan	8189	254	10.99	\$745.00*
GeForce GTX TITAN Black	8971	234	7.71	
\$1,163.10				
GeForce GTX TITAN X	12990	149	11.84	
\$1,096.99*				
GeForce GTX TITAN Z	8986	233	5.93	
\$1,515.00*				
GeForce MX110	1435	961	NA	NA
GeForce MX130	1842	824	NA	NA
GeForce MX150	2275	702	38.39	\$59.29*
GeForce MX230	1831	832	NA	NA
GeForce MX250	2420	664	NA	NA
GeForce MX330	2436	662	NA	NA
GeForce MX350	2804	594	NA	NA
GeForce MX450	3736	486	NA	NA
GeForce MX550	4543	431	NA	NA
GeForce MX570	5741	349	NA	NA
GeForce MX570 A	5992	337	NA	NA
GeForce PCX 5300	6	2447	NA	NA
GeForce PCX 5750	34	2325	NA	NA
GeForce PCX 5900	34	2331	NA	NA
GeForce RTX 2050	7685	277	NA	NA
GeForce RTX 2060	14144	123	31.23	\$452.98
GeForce RTX 2060 12GB	15878	96	NA	NA
GeForce RTX 2060 (Mobile)	11354	186	NA	NA
GeForce RTX 2060 SUPER	16553	87	39.79	\$415.98*

# Passmark G3D Mark-23082024.txt

GeForce RTX 2060 with Max-Q Design	9746	212	NA	
NA				
GeForce RTX 2070	16165	93	41.51	\$389.46*
GeForce RTX 2070 (Mobile)	12354	164	NA	NA
GeForce RTX 2070 SUPER	18235	72	33.77	\$539.99*
GeForce RTX 2070 Super with Max-Q Design			13777	131
NA	NA			
GeForce RTX 2070 with Max-Q Design	11694	177	NA	
NA				
GeForce RTX 2080	18800	66	23.48	\$800.61*
GeForce RTX 2080 (Mobile)	15107	111	NA	NA
GeForce RTX 2080 SUPER	19575	60	28.58	\$684.86*
GeForce RTX 2080 Super with Max-Q Design			13840	127
NA	NA			
GeForce RTX 2080 Ti	21757	44	16.74	
\$1,299.99				

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	13105	147	6.24	
\$2,099.99*				
GeForce RTX 3050 4GB Laptop GPU	6770	306	NA	
NA				
GeForce RTX 3050 6GB	10659	195	62.71	\$169.99
GeForce RTX 3050 6GB Laptop GPU	10380	201	NA	
NA				
GeForce RTX 3050 8GB	12833	152	61.11	\$209.99

# Passmark G3D Mark-23082024.txt

GeForce RTX 3050 Laptop GPU	9454	221	35.02	
\$269.99*				
GeForce RTX 3050 OEM	12003	172	68.60	\$174.97*
GeForce RTX 3050 Ti Laptop GPU	10145	206	NA	
NA				
GeForce RTX 3060 8GB	15364	106	NA	NA
GeForce RTX 3060 12GB	17015	82	60.77	\$279.99
GeForce RTX 3060 Laptop GPU	13369	142	43.13	
\$309.99*				
GeForce RTX 3060 Ti	20510	49	50.42	\$406.83
GeForce RTX 3070	22376	36	53.28	\$419.99
GeForce RTX 3070 Laptop GPU	15479	102	NA	
NA				
GeForce RTX 3070 Ti	23622	31	47.25	\$499.99
GeForce RTX 3070 Ti Laptop GPU	18042	73	NA	
NA				
GeForce RTX 3080	25256	25	31.51	\$801.58
GeForce RTX 3080 12GB	26685	23	NA	NA
GeForce RTX 3080 Laptop GPU	16487	89	NA	
NA				
GeForce RTX 3080 Ti	27137	18	25.67	
\$1,057.17				
GeForce RTX 3080 Ti Laptop GPU	19821	56	NA	
NA				
GeForce RTX 3090	26757	21	13.38	\$1,999.99*
GeForce RTX 3090 Ti	29698	10	13.50	
\$2,199.99				
GeForce RTX 4050 Laptop GPU	14449	119	NA	
NA				
GeForce RTX 4060	19694	58	70.34	\$279.99
GeForce RTX 4060 Laptop GPU	17646	75	NA	
NA				
GeForce RTX 4060 Ti	22941	32	61.18	\$374.99
GeForce RTX 4060 Ti 16GB	22908	33	53.90	\$424.99
GeForce RTX 4070	26957	19	50.86	\$529.99
GeForce RTX 4070 Laptop GPU	19600	59	NA	
NA				



# Passmark G3D Mark-23082024.txt

GeForce RTX 4070 SUPER	30078	9	51.86	\$579.97
GeForce RTX 4070 Ti	31766	6	43.52	\$729.99
GeForce RTX 4070 Ti SUPER	31644	7	40.06	\$789.99
GeForce RTX 4080 34631	3	34.63	\$999.99	
GeForce RTX 4080 Laptop GPU		25250	26	NA
NA				
GeForce RTX 4080 SUPER	34239	5	34.24	\$999.99
GeForce RTX 4090 38590	1	22.71	\$1,699.00	
GeForce RTX 4090 D	37631	2	NA	NA
GeForce RTX 4090 Laptop GPU		27712	17	NA
NA				
GF117 554	1549	NA	NA	
Glenfly Arise-GT-10C0	1007	1124	NA	NA
GRID GTX P40-6	4340	446	NA	NA
GRID K1 650	1418	1.65	\$395.00*	
GRID K2 2736	605	1.56	\$1,753.05	
GRID K120Q	293	1809	NA	NA
GRID K140Q	727	1346	NA	NA
GRID K160Q	628	1448	NA	NA
GRID K180Q	533	1576	NA	NA
GRID K220Q	912	1185	NA	NA

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

GRID K240Q	2541	644	NA	NA
GRID K260Q	2949	576	NA	NA
GRID K280Q	2839	587	NA	NA

Passmark G3D Mark-23082024.txt

GRID K520	3516	514	23.44	\$149.99*
GRID M6-0B	911	1186	NA	NA
GRID M6-1Q	2069	748	NA	NA
GRID M6-8Q	3568	506	NA	NA
GRID M10-0B	870	1215	NA	NA
GRID M10-0Q	795	1279	NA	NA
GRID M10-1B	2309	694	NA	NA
GRID M10-1Q	3351	534	NA	NA
GRID M10-2B	2363	675	NA	NA
GRID M10-2Q	2691	614	NA	NA
GRID M10-4Q	2976	573	NA	NA
GRID M10-8Q	1755	846	NA	NA
GRID M60-0B	1838	828	NA	NA
GRID M60-0Q	827	1251	NA	NA
GRID M60-1B	4456	439	NA	NA
GRID M60-1Q	3694	490	NA	NA
GRID M60-2Q	5203	388	NA	NA
GRID M60-4Q	3831	479	NA	NA
GRID M60-8A	5523	364	NA	NA
GRID M60-8Q	3883	473	NA	NA
GRID P4-1B	2151	730	NA	NA
GRID P4-4Q	6843	303	NA	NA
GRID P4-8A	3206	549	NA	NA
GRID P4-8Q	6733	308	NA	NA
GRID P6-2Q	3925	471	NA	NA
GRID P6-4Q	4429	442	NA	NA
GRID P40-2B	9842	210	NA	NA
GRID P40-2Q	4843	413	NA	NA
GRID P40-3Q	681	1390	NA	NA
GRID P40-4Q	5364	374	NA	NA
GRID P40-8Q	7432	285	NA	NA
GRID P40-24Q	8719	241	NA	NA
GRID P100-1B	2223	716	NA	NA
GRID P100-8Q	3267	541	NA	NA
GRID P100-16Q	5944	339	NA	NA
GRID RTX6000-1B	8473	248	NA	NA
GRID RTX6000-6Q	21986	43	NA	NA

# Passmark G3D Mark-23082024.txt

GRID RTX6000P-6Q4777	419	NA	NA
GRID T4-1Q	3302	537	NA
GRID T4-2B	2601	632	NA
GRID T4-2Q	3450	522	NA
GRID T4-4Q	3260	543	NA
GRID T4-8Q	5680	352	NA
GRID V100-8Q	16	2402	NA
GRID V100D-8Q	4155	456	NA
GT 430 223	1878	1.56	\$142.88*

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Incredible HD	389	1725	NA	NA
Incredible HD 4000	517	1597	NA	NA
Incredible HD 4600	749	1321	NA	NA
Intel 2nd Generation SandyBridge HD	169	1946	NA	
NA				
Intel 2nd Generation SandyBridge HD 3000		205	1907	
NA	NA			
Intel 4th Generation Haswell HD		419	1702	NA
NA				
Intel 865 Embedded Controller 3		2515	NA	NA
Intel 915G,910G Express	4	2504	NA	NA
Intel 915G/915GV/910GL Embedded Controller Function				4
2485	NA	NA		
Intel 945G Embedded Chipset Function 0 4			2492	NA
NA				

# Passmark G3D Mark-23082024.txt

Intel 946GZ Embedded Chipset3	2530	NA	NA
Intel 946GZ Express 2	2552	NA	NA
Intel 82845G Controller	2	2561	NA
Intel 82845G/GL Controller	2	2549	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2540	NA
NA			
Intel 82852/82855 GM/GME Controller	1	2572	NA
NA			
Intel 82865G Controller	4	2484	NA
Intel 82915G Express	5	2457	NA
Intel 82915G/915GV/910GL	3	2514	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2548	NA
NA			
Intel 82915G/GV/910GL Express	3	2535	NA
NA			
Intel 82945G Express	11	2414	NA
Intel 82945G Express-Chipsatzfamilie	8	2429	NA
NA			
Intel - Express Chipset G41	56	2242	NA
Intel - Express Chipset Q45/Q43	57	2237	NA
NA			
Intel Arc 5181	392	NA	NA
Intel Arc A310	5515	366	50.14
Intel Arc A310 LP	3862	477	NA
Intel Arc A370M	5115	397	NA
Intel Arc A380	6191	326	51.60
Intel Arc A530M	6237	324	NA
Intel Arc A580	11599	180	64.45
Intel Arc A730M	10487	196	NA
Intel Arc A750	11949	173	59.75
Intel Arc A770	13066	148	40.84
Intel Arc A770M	11525	181	NA
Intel Arc Pro	6245	323	NA
Intel B43 Express Chipset	134	2009	NA
Intel Coffee Lake UHD	1158	1055	NA
Intel Extreme Controller	1	2563	NA
Intel G33/G31 Express	47	2272	NA

# Passmark G3D Mark-23082024.txt

Intel G35 Express	2097	744	NA	NA	
Intel G41 Express Chipset		123	2032	NA	NA
Intel G41 Express-Chipsatz		57	2239	NA	NA
Intel G45/G43 Express Chipset	119		2048	NA	NA
Intel G45/G43/G41 Express Chipset		67	2209	NA	NA
Intel G965 Express	222	1879	NA	NA	
Intel GMA 3150 Express		2	2556	NA	NA
Intel Graphics	3111	560	NA	NA	

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Intel Haswell HD - GT1		123	2035	NA	NA
Intel Haswell HD - GT2		139	1996	NA	NA
Intel HD 500	299	1807	NA	NA	
Intel HD 505	358	1754	NA	NA	
Intel HD 510	624	1454	NA	NA	
Intel HD 515	633	1438	NA	NA	
Intel HD 520	867	1219	NA	NA	
Intel HD 530	992	1135	NA	NA	
Intel HD 610	687	1387	NA	NA	
Intel HD 615	709	1365	NA	NA	
Intel HD 630	1110	1070	NA	NA	
Intel HD 2000	213	1895	NA	NA	
Intel HD 3000	255	1848	0.27	\$945.00*	
Intel HD 4000	345	1763	0.22	\$1,592.95*	
Intel HD 4400	521	1593	NA	NA	

# Passmark G3D Mark-23082024.txt

Intel HD 4600	628	1449	NA	NA	
Intel HD 4600 manual-gen9_2015-134121619				1459	NA
NA					
Intel HD 5000	584	1511	0.93	\$625.00*	
Intel HD 5200	830	1247	NA	NA	
Intel HD 5300	394	1721	NA	NA	
Intel HD 5500	589	1501	NA	NA	
Intel HD 5600	2263	709	NA	NA	
Intel HD 6000	862	1222	NA	NA	
Intel HD Family	460	1662	NA	NA	
Intel HD Graphics 620		925	1177	NA	NA
Intel HD manual-15.28-1861	62	2223	NA	NA	NA
Intel HD manual-gen9_2015-133271		165	1952	NA	NA
NA					
Intel HD Modded	112	2077	NA	NA	
Intel HD P530	1150	1056	NA	NA	
Intel HD P630	1203	1039	NA	NA	
Intel HD P3000	284	1818	NA	NA	
Intel HD P4000	516	1598	NA	NA	
Intel HD P4600	604	1481	NA	NA	
Intel HD P4600/P4700		633	1439	NA	NA
Intel Infoshock HD	193	1916	NA	NA	
Intel Iris 540	1261	1012	NA	NA	
Intel Iris 550	1435	963	NA	NA	
Intel Iris 650	1432	965	NA	NA	
Intel Iris 5100	745	1329	NA	NA	
Intel Iris 6100	895	1201	NA	NA	
Intel Iris Plus	1816	836	NA	NA	
Intel Iris Plus 640	1345	989	NA	NA	
Intel Iris Plus 645	1715	859	NA	NA	
Intel Iris Plus 650	1574	914	NA	NA	
Intel Iris Plus 655	1734	854	NA	NA	
Intel Iris Pro 580	1988	776	NA	NA	
Intel Iris Pro 5200	1186	1044	NA	NA	
Intel Iris Pro 6100	925	1178	NA	NA	
Intel Iris Pro Graphics 6200		1471	955	NA	NA
Videocard Name					

# Passmark G3D Mark-23082024.txt

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Intel Iris Pro P580	2231	713	NA	NA	
Intel Iris Pro P6300	1625	889	NA	NA	
Intel Iris Xe	2682	616	NA	NA	
Intel Iris Xe MAX	1971	782	NA	NA	
Intel Iris Xe MAX 100		1927	796	NA	NA
Intel Media Accelerator		32	2340	NA	NA
Intel Media Accelerator 500		3	2522	NA	NA
Intel Media Accelerator 600		6	2438	NA	NA
Intel Media Accelerator 3150		2	2539	NA	NA
Intel Media Accelerator HD		108	2088	NA	NA
Intel Poison Ivy	738	1336	NA	NA	
Intel Q33 Express	5	2471	NA	NA	
Intel Q35 Embedded 8		2425	NA	NA	
Intel Q35 Express	77	2178	NA	NA	
Intel Q45/Q43 Express Chipset 202			1908	NA	NA
Intel Q45/Q43 Express-Chipsatz			57	2240	NA
NA					
Intel Q965/Q963 Express		172	1939	NA	NA
Intel Skylake HD DT GT2		576	1517	NA	NA
Intel UHD 630	614	1466	NA	NA	
Intel UHD 770	1016	1116	NA	NA	
Intel UHD Graphics	1482	951	NA	NA	
Intel UHD Graphics 600		321	1788	NA	NA
Intel UHD Graphics 605		370	1742	NA	NA
Intel UHD Graphics 610		712	1363	NA	NA

# Passmark G3D Mark-23082024.txt

Intel UHD Graphics 615	737	1340	NA	NA
Intel UHD Graphics 617	874	1213	NA	NA
Intel UHD Graphics 620	1044	1106	NA	NA
Intel UHD Graphics 630	1244	1018	NA	NA
Intel UHD Graphics 710	1077	1091	NA	NA
Intel UHD Graphics 730	1582	907	NA	NA
Intel UHD Graphics 750	1731	856	NA	NA
Intel UHD Graphics 770	1879	812	NA	NA
=====				
Intel UHD Graphics P630	2157	727	NA	NA
Intel UHD Graphics P750	1671	869	NA	NA
Intel US15 Embedded Media and Controller			7	2435
NA	NA			
ION	84	2156	0.37	\$229.99*
ION LE	97	2119	NA	NA
L40S	14397	120	NA	NA
M860G with Mobility Radeon 4100		75	2181	NA
NA				
M880G with Mobility Radeon HD 4200		92	2134	NA
NA				
M880G with Mobility Radeon HD 4225		71	2192	NA
NA				
M880G with Mobility Radeon HD 4250		104	2099	NA
NA				
Master X3100 Driver 10	2417	NA	NA	
Matrox C420 LP PCIe x16	597	1489	NA	NA
Matrox C680 PCIe x16	1903	806	NA	NA
Matrox C900 PCIe x16	1812	838	NA	NA
Matrox G200e WDDM 1.2	59	2230	NA	NA
Matrox G200e WDDM 2.0	100	2113	NA	NA
Matrox G200eh	40	2297	NA	NA
Videocard Name				

Passmark G3D Mark  
(higher is better)

Rank



# Passmark G3D Mark-23082024.txt

(lower is better)

Videocard Value

(higher is better)

Price

(USD)

Matrox G200eh WDDM 1.2	51	2251	NA	NA
Matrox G200eh WDDM 2.0	46	2274	NA	NA
Matrox G200eR 36	2317	NA	NA	
Matrox G200eR WDDM 1.2	45	2277	NA	NA
Matrox G200eR WDDM 2.0	67	2210	NA	NA
Matrox G200eW 39	2302	NA	NA	
Matrox G200eW3 WDDM 2.0	89	2145	NA	NA
Matrox G200eW WDDM 1.2	50	2260	NA	NA
Matrox LUMA A310 3690	491	NA	NA	
Matrox LUMA A310F3873	475	NA	NA	
Matrox LUMA A380P	5805	344	NA	NA
Matrox M9120 PCIe x16	19	2389	NA	NA
Matrox M9120 Plus LP PCIe x16		25	2367	NA
NA				
Matrox M9125 PCIe x16	25	2369	NA	NA
Matrox M9128 LP PCIe x16	31	2345	NA	NA
Matrox M9138 LP PCIe x16	42	2289	NA	NA
Matrox M9140 LP PCIe x16	23	2380	NA	NA
Matrox M9148 LP PCIe x16	40	2299	NA	NA
Matrox Millennium P650 PCIe 128		5	2466	NA
NA				
Matrox Millennium P690 PCIe x16		366	1747	NA
NA				
Matrox Millennium P690 Plus LP PCIe x16			6	2440
NA	NA			
Matrox Parhelia 128MB	3	2524	0.01	\$393.99*
Matrox Parhelia 256MB	9	2419	NA	NA
Matrox Parhelia APVe	5	2459	NA	NA
MEDION RADEON 9800 XXL	71	2191	NA	NA
MEDION RADEON X740XL	94	2126	NA	NA

# Passmark G3D Mark-23082024.txt

Mi Pad 5 Adreno 640 GPU	722	1352	NA	NA
MIRRORV3	1080	1086	NA	NA
Mobile Intel965 Express	17	2399	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2283	NA	NA
Mobile Intel 45 Express	43	2285	NA	NA
Mobile Intel 45 Express-Chipsatzfamilie	117	2056	NA	NA
Mobile Intel 915GM/GMS/910GML Express		1	2566	
NA	NA			
Mobile Intel 945 Express	1	2567	NA	NA
Mobile Intel 945GM Express	5	2454	NA	NA
Mobile Intel 945GM/GU Express	5	2467	NA	NA
Mobile Intel 965 Express	47	2270	NA	NA
Mobile Intel 965 Express - BR-0907-0461 v1839		8	2427	
NA	NA			
Mobile Intel 965 Express-Chipsatzfamilie	24	2377	NA	NA
Mobile Intel - famiglia Express Chipset	45	38	2307	NA
Mobile Intel HD	235	1868	0.49	\$479.98*
Mobile Intel serie 4 Express	44	2282	NA	NA
MOBILITY FIREGL 7800	4	2481	NA	NA
MOBILITY FIREGL T2	40	2296	NA	NA
MOBILITY FIREGL T2/T2e	33	2334	NA	NA
MOBILITY FireGL V3200	62	2225	NA	NA
MOBILITY FireGL V5000	81	2165	NA	NA
MOBILITY FireGL V5200	44	2279	NA	NA
MOBILITY FireGL V5250	27	2358	NA	NA
Videocard Name				

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

# Passmark G3D Mark-23082024.txt

Videocard Value  
(higher is better)

Price

(USD)

Mobility FireGL V5725	219	1884	NA	NA
MOBILITY IGP 9000/9100	10	2418	NA	NA
Mobility Radeon 4100	81	2170	NA	NA
MOBILITY RADEON 7000 IGP 6		2446	NA	NA
MOBILITY RADEON 7500	3	2518	NA	NA
MOBILITY RADEON 9000	3	2528	NA	NA
MOBILITY RADEON 9000 IGP 7		2430	NA	NA
MOBILITY RADEON 9000/9100 IGP	5	2458	NA	NA
MOBILITY RADEON 9100 IGP 2		2538	NA	NA
MOBILITY RADEON 9200	3	2537	NA	NA
MOBILITY RADEON 9550	30	2351	NA	NA
MOBILITY RADEON 9600	36	2321	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2373	NA	NA
MOBILITY RADEON 9600/9700	39	2305	NA	NA
MOBILITY RADEON 9700	27	2357	NA	NA
MOBILITY RADEON 9800	46	2275	NA	NA
Mobility Radeon HD 530v	174	1936	NA	NA
Mobility Radeon HD 540v	188	1923	NA	NA
Mobility Radeon HD 545v	199	1911	NA	NA
Mobility Radeon HD 550v	266	1836	NA	NA
Mobility Radeon HD 560v	318	1792	NA	NA
Mobility Radeon HD 565v	353	1759	NA	NA
Mobility Radeon HD 2300	50	2258	NA	NA
Mobility Radeon HD 2400	89	2144	NA	NA
Mobility Radeon HD 2400 XT	102	2108	NA	NA
Mobility Radeon HD 2600	167	1949	NA	NA
Mobility Radeon HD 2600 XT	191	1919	NA	NA
Mobility Radeon HD 3400 Serisi	111	2081	NA	NA

# Passmark G3D Mark-23082024.txt

NA

Mobility Radeon HD 3410	62	2222	NA	NA
Mobility Radeon HD 3430	98	2118	NA	NA
Mobility Radeon HD 3450	91	2141	NA	NA
Mobility Radeon HD 3470	93	2131	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	2129	NA	NA

NA

Mobility Radeon HD 3650	140	1993	1.91	\$73.53*
Mobility Radeon HD 3670	232	1871	NA	NA
Mobility Radeon HD 3850	365	1749	NA	NA
Mobility Radeon HD 3870	547	1556	NA	NA
Mobility Radeon HD 3870 X2	477	1638	NA	NA
Mobility Radeon HD 4200	90	2142	NA	NA
Mobility Radeon HD 4225	66	2217	NA	NA
Mobility Radeon HD 4250	98	2116	NA	NA
Mobility Radeon HD 4270	92	2133	NA	NA
Mobility Radeon HD 4300 Serisi	73	2187	NA	NA

NA

Mobility Radeon HD 4330	135	2007	NA	NA
Mobility Radeon HD 4350	148	1974	NA	NA
Mobility Radeon HD 4550	191	1921	NA	NA
Mobility Radeon HD 4570	142	1986	1.88	\$75.90*
Mobility Radeon HD 4650	401	1717	NA	NA
Mobility Radeon HD 4670	463	1657	NA	NA

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Passmark G3D Mark-23082024.txt

Mobility Radeon HD 4830	511	1601	NA	NA
Mobility Radeon HD 4850	866	1220	NA	NA
Mobility Radeon HD 4870	719	1355	NA	NA
Mobility Radeon HD 5000	773	1298	NA	NA
Mobility Radeon HD 5000 Serisi		478	1634	NA
NA				
Mobility Radeon HD 5165	284	1820	NA	NA
Mobility Radeon HD 5430	181	1927	NA	NA
Mobility Radeon HD 5450	214	1891	NA	NA
Mobility Radeon HD 5470	236	1866	NA	NA
Mobility Radeon HD 5570	527	1583	NA	NA
Mobility Radeon HD 5650	450	1678	NA	NA
Mobility Radeon HD 5730	506	1609	NA	NA
Mobility Radeon HD 5850	763	1308	NA	NA
Mobility Radeon HD 5870	1076	1092	NA	NA
Mobility Radeon HD serie 4200 96		2123	NA	NA
MOBILITY RADEON X300	33	2333	NA	NA
MOBILITY RADEON X600	50	2259	NA	NA
MOBILITY RADEON X600 SE	49	2262	NA	NA
MOBILITY RADEON X700	66	2214	NA	NA
MOBILITY RADEON X700 XL	59	2227	NA	NA
Mobility Radeon X1300	39	2303	NA	NA
Mobility Radeon X1350	39	2301	NA	NA
Mobility Radeon X1400	42	2286	NA	NA
Mobility Radeon X1450	33	2337	NA	NA
Mobility Radeon X1600	92	2136	NA	NA
Mobility Radeon X1700	104	2097	NA	NA
MOBILITY RADEON X1800	130	2018	NA	NA
Mobility Radeon X1900	134	2008	NA	NA
Mobility Radeon X2300	48	2266	NA	NA
Mobility Radeon X2300 HD	48	2265	NA	NA
Mobility Radeon X2500	81	2164	NA	NA
MOBILITY RADEON XPRESS 200		27	2361	NA
NA				
Mobility Radeon. HD 5470	215	1890	NA	NA
MOBILITY/RADEON 9000	4	2501	NA	NA
MONSTER GeForce GTX 675M		2637	623	NA

# Passmark G3D Mark-23082024.txt

NA

MxGPU	1282	1007	NA	NA		
N16P-GX	1204	1036	NA	NA		
N18E-Q1	2525	648	NA	NA		
nForce 750a SLI	83	2160	NA	NA		
nForce 760i SLI	140	1994	NA	NA		
nForce 780a SLI	92	2137	NA	NA		
nForce 980a/780a SLI		81	2167	NA	NA	
NV44	15	2403	NA	NA		
NVIDIA A10		22064	42	NA	NA	
NVIDIA A10-4Q		3424	526	NA	NA	
NVIDIA A10G		18487	71	NA	NA	
NVIDIA A40		14664	116	NA	NA	
NVIDIA A40-8Q		4220	454	NA	NA	
NVIDIA A40-12Q		3370	529	NA	NA	

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

NVIDIA GeForce3 Ti200		5	2456	NA	NA
NVIDIA TITAN X	13659	137	22.46	\$608.10*	
NVIDIA TITAN Xp	18681	69	11.36	\$1,645.00*	
NVS 300	121	2042	1.93	\$62.97*	
NVS 310	246	1858	3.98	\$62.06*	
NVS 315	301	1804	4.31	\$69.99*	
NVS 510	698	1377	6.24	\$111.99*	
NVS 810	1179	1046	1.89	\$624.99*	
NVS 2100M		139	1995	NA	NA

# Passmark G3D Mark-23082024.txt

NVS 3100M	114	2068	NA	NA	
NVS 4200M	277	1827	0.70	\$399.00*	
NVS 5100M	188	1924	NA	NA	
NVS 5200M	512	1600	NA	NA	
NVS 5400M	625	1453	NA	NA	
OPAL XT/GL	1053	1100	NA	NA	
P104-100 3743	484	12.48	\$299.99*		
P106-090 2342	683	NA	NA		
P106-100 6390	319	NA	NA		
Parsec Virtual Display Adapter	8599	246	NA	NA	
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3	Ryzen				
1653	876	NA	NA		
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7	Ryzen				
1642	879	NA	NA		
PHDGD Ivy 4	374	1741	NA	NA	
PHDGD Ivy 5	445	1683	NA	NA	
PHDGD Quantic C3	116	2057	NA	NA	
PHDGD Sapphire GR for Mobile Intel	965	25	2366	NA	
NA					
PHDGD Solo 1.2.0 x86		11	2416	NA	NA
PHDGD Solo 2 x64	20	2388	NA	NA	
Q12U-1	5164	393	NA	NA	
Quadro2 MXR/EX	4	2491	NA	NA	
Quadro2 Pro	1	2574	NA	NA	
Quadro4 380 XGL	6	2441	NA	NA	
Quadro4 900 XGL	4	2474	NA	NA	
Quadro4 980 XGL	5	2472	0.01	\$341.43*	
Quadro 280 NVS PCIe		5	2455	NA	NA
Quadro 400	148	1973	0.70	\$211.00*	
Quadro 410	438	1687	3.40	\$129.00*	
Quadro 500M	570	1526	2.07	\$275.14*	
Quadro 600	533	1575	7.02	\$76.00*	
Quadro 1000M	569	1528	10.46	\$54.50*	
Quadro 1100M	755	1315	NA	NA	
Quadro 2000	946	1158	4.44	\$213.23*	
Quadro 2000 D	1239	1020	NA	NA	
Quadro 2000D	976	1143	6.97	\$140.00*	

# Passmark G3D Mark-23082024.txt

Quadro 2000M	779	1289	3.39	\$229.74*
Quadro 2100M	1100	1076	NA	NA
Quadro 3000M	993	1133	14.20	\$69.99*
Quadro 4000	1479	954	1.54	\$959.68*
Quadro 4000M	1302	1002	5.61	\$232.06*
Quadro 5000	1933	794	0.88	\$2,196.73

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Quadro 5000M	2059	753	NA	NA	
Quadro 5010M	1771	844	7.51	\$235.95*	
Quadro 6000	2709	612	0.66	\$4,092.38*	
Quadro 7000	3505	516	NA	NA	
Quadro CX	947	1157	6.32	\$149.95*	
Quadro FX 350	85	2150	NA	NA	
Quadro FX 350M	44	2281	NA	NA	
Quadro FX 360M	86	2148	NA	NA	
Quadro FX 370	83	2159	0.67	\$125.00*	
Quadro FX 370 Low Profile		102	2103	NA	NA
Quadro FX 370 LP	108	2089	NA	NA	
Quadro FX 370M	93	2132	NA	NA	
Quadro FX 380	157	1958	2.17	\$72.50*	
Quadro FX 380 LP	122	2038	NA	NA	
Quadro FX 380M	120	2044	NA	NA	
Quadro FX 500/600 PCI		14	2405	NA	NA
Quadro FX 500/FX 600		7	2433	NA	NA
Quadro FX 540	80	2172	1.35	\$59.99*	



# Passmark G3D Mark-23082024.txt

Quadro FX 550	63	2220	0.22	\$287.82*	
Quadro FX 560	113	2071	0.76	\$150.25*	
Quadro FX 570	232	1870	2.02	\$115.00*	
Quadro FX 570M	104	2100	NA	NA	
Quadro FX 580	161	1956	1.24	\$130.00*	
Quadro FX 770M	220	1882	0.42	\$527.00*	
Quadro FX 880M	224	1877	NA	NA	
Quadro FX 1000	34	2329	NA	NA	
Quadro FX 1100	35	2322	0.17	\$212.99*	
Quadro FX 1300	34	2328	NA	NA	
Quadro FX 1400	124	2031	0.51	\$245.01*	
Quadro FX 1500	169	1945	0.37	\$455.27*	
Quadro FX 1500M	171	1941	NA	NA	
Quadro FX 1600M	131	2016	0.87	\$149.90*	
Quadro FX 1700	171	1940	0.49	\$350.14*	
Quadro FX 1700M	172	1938	NA	NA	
Quadro FX 1800	401	1716	2.98	\$135.00*	
Quadro FX 1800M	466	1652	NA	NA	
Quadro FX 2000	18	2396	NA	NA	
Quadro FX 2500M	217	1886	12.45	\$17.50*	
Quadro FX 2700	543	1566	NA	NA	
Quadro FX 2700M	366	1746	3.67	\$99.95*	
Quadro FX 2800M	415	1705	2.18	\$190.00*	
Quadro FX 3000	69	2205	0.41	\$166.61*	
Quadro FX 3400/4400		104	2098	NA	NA
Quadro FX 3450	148	1972	1.24	\$119.99*	
Quadro FX 3450/4000 SDI		179	1931	NA	NA
Quadro FX 3500	259	1843	3.77	\$68.98*	
Quadro FX 3500M	306	1801	3.06	\$99.99*	
Quadro FX 3600M	466	1651	NA	NA	
Quadro FX 3700	377	1733	1.77	\$213.27*	

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank

# Passmark G3D Mark-23082024.txt

(lower is better)

Videocard Value

(higher is better)

Price

(USD)

Quadro FX 3700M	456	1671	0.49	\$925.00*
Quadro FX 3800	797	1275	3.08	\$259.13*
Quadro FX 3800M	585	1509	NA	NA
Quadro FX 4000	101	2112	NA	NA
Quadro FX 4500	227	1875	1.34	\$169.00*
Quadro FX 4500 X2	236	1867	NA	NA
Quadro FX 4600	430	1693	1.29	\$333.25*
Quadro FX 4700 X2	676	1397	NA	NA
Quadro FX 4800	978	1141	4.80	\$204.00*
Quadro FX 5500	242	1861	0.12	\$1,999.00*
Quadro FX 5600	525	1587	1.78	\$295.00*
Quadro FX 5800	1223	1028	4.46	\$274.00*
Quadro FX Go1400	101	2109	NA	NA
Quadro GP100	16374	91	NA	NA
Quadro GV100	19824	55	2.20	\$8,999.00*
Quadro K420	743	1332	2.76	\$269.00*
Quadro K510M	641	1429	NA	NA
Quadro K600	741	1335	12.30	\$60.24*
Quadro K610M	731	1341	3.05	\$240.00*
Quadro K620	2230	714	1.10	\$2,029.99*
Quadro K620M	1165	1050	NA	NA
Quadro K1000M	780	1288	11.15	\$69.95*
Quadro K1100M	1089	1083	3.37	\$322.99*
Quadro K1200	2941	577	10.31	\$285.29*
Quadro K2000	1579	910	5.37	\$294.00*
Quadro K2000D	1586	906	4.67	\$339.99*
Quadro K2000M	1012	1121	7.03	\$144.04*
Quadro K2100M	1357	986	3.26	\$415.99*
Quadro K2200	3551	507	13.24	\$268.30*
Quadro K2200M	3468	519	27.76	\$124.95*

# Passmark G3D Mark-23082024.txt

Quadro K3000M	1637	883	4.02	\$407.56*
Quadro K3100M	2261	711	5.65	\$399.95*
Quadro K4000	2720	610	10.08	\$270.00*
Quadro K4000M	1960	786	7.72	\$254.00*
Quadro K4100M	2753	601	10.54	\$261.29*
Quadro K4200	4323	447	17.36	\$249.00*
Quadro K5000	3992	468	16.03	\$249.00*
Quadro K5000M	2769	598	5.44	\$508.91*
Quadro K5100M	3104	562	2.80	\$1,108.84*
Quadro K5200	6081	335	14.66	\$415.00*
Quadro K6000	8064	260	38.28	\$210.66*
Quadro M500M	1163	1052	NA	NA
Quadro M520	1886	811	NA	NA
Quadro M600M	2177	724	8.64	\$251.99*
Quadro M620	2800	595	NA	NA
Quadro M1000M	2855	584	33.21	\$85.99*
Quadro M1200	3229	547	NA	NA
Quadro M2000	3988	469	15.09	\$264.24*
Quadro M2000M	3464	520	16.25	\$213.16*

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Quadro M2200	4238	453	16.96	\$249.99*
Quadro M3000M	5569	357	34.82	\$159.95*
Quadro M4000	6675	313	18.44	\$362.00*
Quadro M4000M	6183	329	24.26	\$254.91*
Quadro M5000	9391	224	18.82	\$499.00*

# Passmark G3D Mark-23082024.txt

Quadro M5000M	7015	299	12.83	\$546.92*	
Quadro M5500	7915	266	NA	NA	
Quadro M6000	11779	176	2.44	\$4,827.53*	
Quadro M6000 24GB		11890	174	NA	NA
Quadro NVS 55/280 PCI		6	2449	NA	NA
Quadro NVS 110M	47	2269	NA	NA	
Quadro NVS 120M	46	2273	NA	NA	
Quadro NVS 130M	97	2122	NA	NA	
Quadro NVS 135M	52	2249	NA	NA	
Quadro NVS 140M	69	2204	NA	NA	
Quadro NVS 150M	70	2198	NA	NA	
Quadro NVS 160M	135	2006	NA	NA	
Quadro NVS 210S	23	2378	NA	NA	
Quadro NVS 210S / GeForce 6150LE			20	2387	NA
NA					
Quadro NVS 280 PCI		8	2428	0.06	\$130.00*
Quadro NVS 280 SD2		2558	NA	NA	
Quadro NVS 285	42	2290	0.25	\$169.86*	
Quadro NVS 285 128MB		38	2309	0.70	\$55.00*
Quadro NVS 290	228	1873	3.86	\$59.00*	
Quadro NVS 295	94	2128	1.49	\$63.00*	
Quadro NVS 320M	208	1903	NA	NA	
Quadro NVS 420	102	2104	0.69	\$150.00*	
Quadro NVS 440	37	2313	0.16	\$228.87*	
Quadro NVS 450	66	2213	0.42	\$159.00*	
Quadro NVS 510M	238	1864	NA	NA	
Quadro P400	1640	881	8.16	\$201.17*	
Quadro P500	1626	888	NA	NA	
Quadro P520	2099	742	1.40	\$1,499.00*	
Quadro P600	3292	538	15.64	\$210.58*	
Quadro P620	3640	498	6.34	\$574.55*	
Quadro P1000	4453	440	15.36	\$289.99*	
Quadro P2000	6930	301	15.77	\$439.60*	
Quadro P2000 with Max-Q Design			5342	375	NA
NA					
Quadro P2200	9317	226	20.26	\$459.80*	
Quadro P3000	6506	315	NA	NA	

# Passmark G3D Mark-23082024.txt

Quadro P3200	8879	236	22.81	\$389.30*	
Quadro P3200 with Max-Q Design			9297	227	NA
NA					
Quadro P4000	11628	179	20.91	\$556.19*	
Quadro P4000 with Max-Q Design			9082	231	NA
NA					
Quadro P4200	10487	197	NA	NA	
Quadro P4200 with Max-Q Design			11446	184	NA
NA					
Quadro P5000	12533	159	6.71	\$1,868.99*	
Quadro P5200	12292	167	NA	NA	
Quadro P5200 with Max-Q Design			12355	163	NA
NA					

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Quadro P6000	15306	108	4.71	\$3,250.00*	
Quadro RTX 3000	11115	189	NA	NA	
Quadro RTX 3000 with Max-Q Design			8198	253	NA
NA					
Quadro RTX 4000	15384	105	17.11	\$899.00*	
Quadro RTX 4000 (Mobile)		12471	161	NA	NA
Quadro RTX 4000 with Max-Q Design			12598	157	NA
NA					
Quadro RTX 5000	15979	95	NA	NA	
Quadro RTX 5000 (Mobile)		14832	114	NA	NA
Quadro RTX 5000 with Max-Q Design			13637	139	NA

# Passmark G3D Mark-23082024.txt

NA

Quadro RTX 6000	18797	67	2.98	\$6,300.00*	
Quadro RTX 8000	19401	62	4.09	\$4,741.49*	
Quadro T1000	6480	316	17.51	\$369.99*	
Quadro T1000 with Max-Q Design			6721	309	NA

NA

Quadro T2000	7178	292	13.59	\$528.35*	
Quadro T2000 with Max-Q Design			6899	302	NA

NA

Qualcomm Adreno 7c Gen 3 GPU			748	1323	NA
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NA

Qualcomm Adreno 7c+ Gen 3	594		1493	NA	NA
Qualcomm Adreno 8cx Gen 3	1961		785	NA	NA
Qualcomm Adreno 540 GPU	118		2053	NA	NA
Qualcomm Adreno 618 GPU	126		2027	NA	NA
Qualcomm Adreno 630 GPU	282		1821	NA	NA
Qualcomm Adreno 675 GPU	539		1570	NA	NA
Qualcomm Adreno 680 GPU	783		1284	NA	NA
Qualcomm Adreno 685 GPU	892		1204	NA	NA
Qualcomm Adreno 690 GPU	1022		1114	NA	NA
Qualcomm Adreno X1-85 GPU	2739		604	NA	NA

QXL KMDOD	18	2391	NA	NA	
Radeon 520	867	1218	9.64	\$89.99*	
Radeon 530	1016	1118	NA	NA	
Radeon 535	1078	1089	NA	NA	
Radeon 535DX	773	1294	NA	NA	
Radeon 540	1378	981	NA	NA	
Radeon 540X	1444	957	NA	NA	
Radeon 550	1959	787	21.78	\$89.99	
Radeon 550X	1428	968	NA	NA	
Radeon 610M	1100	1074	NA	NA	
Radeon 610M Ryzen 9 7845HX			21622	46	NA

NA

Radeon 610M Ryzen 9 7945HX			1524	936	NA
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NA

Radeon 620	897	1200	NA	NA	
Radeon 625	1078	1088	NA	NA	

# Passmark G3D Mark-23082024.txt

Radeon 630	1293	1005	NA	NA	
Radeon 660M Ryzen 5 7535HS			3546	508	NA
NA					
Radeon 680M Ryzen 7 7735HS			6166	331	NA
NA					
Radeon 740M	3288	539	NA	NA	
Radeon 760M	5851	343	NA	NA	
Radeon 780M	7064	296	NA	NA	
Radeon 880M	8137	258	NA	NA	
Radeon 890M	7886	269	NA	NA	
Radeon 2100	59	2228	0.31	\$190.99*	
Videocard Name					

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon 3000	98	2117	0.31	\$319.00*	
Radeon 3015e	370	1743	NA	NA	
Radeon 3020e	459	1666	NA	NA	
Radeon 3100	73	2185	0.40	\$183.84	
Radeon 6600M	525	1586	NA	NA	
Radeon 6750M	911	1187	NA	NA	
Radeon 7000 / Radeon VE	2	2546	NA	NA	NA
RADEON 7000 / RADEON VE Family	3	2510	NA	NA	NA
NA					
RADEON 7200	2	2541	0.00	\$599.99*	
RADEON 7500	3	2531	0.02	\$177.25*	
RADEON 7500 Family	4	2482	NA	NA	NA
RADEON 8500 Family	6	2442	NA	NA	NA

# Passmark G3D Mark-23082024.txt

RADEON 9000	4	2486	NA	NA	
RADEON 9000 Family		3	2520	NA	NA
RADEON 9100 Family		6	2448	NA	NA
RADEON 9100 IGP	5	2464	NA	NA	
RADEON 9200	3	2517	0.02	\$153.63*	
RADEON 9200 LE Family		2	2550	NA	NA
RADEON 9200 PRO Family		2	2542	NA	NA
RADEON 9200 SE	2	2554	NA	NA	
RADEON 9250	2	2551	0.01	\$194.00*	
RADEON 9500	36	2319	0.90	\$40.50*	
RADEON 9500 PRO / 9700		41	2292	NA	NA
RADEON 9550	34	2326	0.12	\$291.74*	
Radeon 9550 / X1050		29	2355	NA	NA
RADEON 9600 Family		25	2372	NA	NA
RADEON 9600 PRO	42	2287	NA	NA	
RADEON 9600 PRO Family		26	2363	NA	NA
RADEON 9600 TX Family		18	2393	NA	NA
RADEON 9600 XT	35	2324	NA	NA	
RADEON 9600SE	27	2359	NA	NA	
RADEON 9700 PRO	53	2245	NA	NA	
Radeon 9700 TX w/TV-Out		44	2284	NA	NA
RADEON 9800	57	2238	0.18	\$325.00*	
RADEON 9800 PRO	59	2229	NA	NA	
RADEON 9800 SE	23	2379	NA	NA	
RADEON 9800 XT	56	2241	NA	NA	
RADEON A9800XT	22	2384	NA	NA	
Radeon Athlon Gold 3150U		773	1295	NA	NA
Radeon Athlon Gold PRO 4150GE			1573	915	NA
NA					
Radeon Athlon PRO 3045B		555	1545	NA	NA
Radeon Athlon Silver 3050U		691	1382	NA	NA
RADEON E2400	51	2252	NA	NA	
RADEON E4690	405	1714	NA	NA	
Radeon E6460	323	1786	NA	NA	
Radeon E6465	231	1872	NA	NA	
Radeon E6760	876	1212	3.65	\$239.99*	
Radeon E8860	1686	866	NA	NA	



# Passmark G3D Mark-23082024.txt

Radeon E8870PCIe 3368 531 NA NA  
Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon Eng Sample: 100-000000085-40_35/24_Y	1440	959
NA NA		
Radeon Eng Sample: 100-000000261-50_Y	3490	517
NA NA		
Radeon Eng Sample: 100-000000262-30_Y	2415	665
NA NA		
Radeon Eng Sample: 100-000000285-40_Y	2267	708
NA NA		
Radeon Eng Sample: 100-000000287-40_Y	1861	818
NA NA		
Radeon Eng Sample: 100-000000300-30_Y	2689	615
NA NA		
Radeon Eng Sample: 100-000000300-40_Y	2670	619
NA NA		
Radeon Eng Sample: 100-000000371-40_42/18_Y	2590	635
NA NA		
Radeon Eng Sample: 100-000000560-40_Y	4749	422
NA NA		
Radeon Eng Sample: 100-000000561-40_Y	4041	465
NA NA		
Radeon EPYC 4124P 4-Core	1614	897
NA NA		
Radeon EPYC 4244P 6-Core	1424	971
NA NA		
Radeon EPYC 4344P 8-Core	1634	886
NA NA		

# Passmark G3D Mark-23082024.txt

Radeon EPYC 4364P 8-Core	1610	899	NA	NA
Radeon EPYC 4464P 12-Core	1613	898	NA	NA
Radeon EPYC 4484PX 12-Core		1619	891	NA
NA				
Radeon EPYC 4564P 16-Core	1618	892	NA	NA
Radeon EPYC 4584PX 16-Core		1661	874	NA
NA				
Radeon HD4650	239	1862	1.57	\$152.90*
Radeon HD4670	365	1748	NA	NA
RADEON HD6370D	320	1790	NA	NA
RADEON HD6410D	422	1699	NA	NA
RADEON HD6530D	531	1579	NA	NA
RADEON HD7450	199	1912	8.95	\$22.25*
Radeon HD8530M	490	1624	NA	NA
Radeon HD8970M	3368	530	NA	NA
Radeon HD 2350	76	2179	NA	NA
Radeon HD 2400	120	2045	1.37	\$88.20*
Radeon HD 2400 PCI		14	2406	NA NA
Radeon HD 2400 Pro		114	2070	NA NA
Radeon HD 2400 XT118		2050	NA	NA
Radeon HD 2600 PRO		211	1898	1.12 \$188.44*
Radeon HD 2600 Pro AGP		110	2083	NA NA
Radeon HD 2600 XT282		1822	1.78	\$159.00*
Radeon HD 2900 GT		292	1811	NA NA
Radeon HD 2900 PRO		627	1450	NA NA
Radeon HD 2900 XT659		1407	NA	NA
Radeon HD 3000	95	2124	NA	NA
Radeon HD 3200	82	2161	NA	NA
Radeon HD 3300	126	2026	NA	NA
Radeon HD 3450	156	1961	1.76	\$89.00*
Radeon HD 3470	118	2052	1.08	\$109.65*
Radeon HD 3650 AGP		150	1970	0.81 \$185.00*
Radeon HD 3670	159	1957	NA	NA
Radeon HD 3850	392	1723	NA	NA
Radeon HD 3850 AGP		432	1692	NA NA
Radeon HD 3850 X2822		1254	NA	NA
Radeon HD 3870	555	1546	2.42	\$229.47

# Passmark G3D Mark-23082024.txt

Radeon HD 3870 X2 708	1366	NA	NA
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Videocard Name

Passmark G3D Mark

(higher is better)

Rank

(lower is better)

Videocard Value

(higher is better)

Price

(USD)

Radeon HD 4200	111	2079	NA	NA
Radeon HD 4250	122	2039	NA	NA
Radeon HD 4270	109	2084	NA	NA
Radeon HD 4290	140	1990	NA	NA
Radeon HD 4300/4500 Serisi	155	1964	NA	NA
Radeon HD 4330	115	2063	NA	NA
Radeon HD 4350	132	2014	1.29	\$102.24*
Radeon HD 4550	235	1869	1.51	\$156.00*
Radeon HD 4650	239	1863	3.41	\$69.99*
Radeon HD 4650 AGP		207	1904	NA NA
Radeon HD 4670	379	1731	2.66	\$142.96*
Radeon HD 4770	909	1188	15.16	\$59.99*
Radeon HD 4810	769	1303	NA	NA
Radeon HD 4830	835	1239	13.93	\$59.99*
Radeon HD 4850	934	1170	6.30	\$148.47
Radeon HD 4850 X2 1132		1062	NA	NA
Radeon HD 4870	1372	983	9.38	\$146.35
Radeon HD 4870 X2 1309		999	NA	NA
Radeon HD 4890	1507	941	16.76	\$89.99*
Radeon HD 5450	136	2003	1.44	\$94.96*
Radeon HD 5470	268	1834	NA	NA
Radeon HD 5550	376	1738	6.85	\$54.99*
Radeon HD 5570	479	1633	2.64	\$181.64

# Passmark G3D Mark-23082024.txt

Radeon HD 5600/5700	633	1441	NA	NA
Radeon HD 5670	806	1267	9.05	\$89.11
Radeon HD 5750	1162	1053	16.61	\$69.99*
Radeon HD 5770	1340	991	7.06	\$189.99*
Radeon HD 5830	1732	855	6.69	\$258.99*
Radeon HD 5850	1976	781	6.84	\$288.99*
Radeon HD 5870	2220	718	5.33	\$416.45
Radeon HD 5970	2282	699	12.68	\$179.99*
Radeon HD 6230	179	1932	NA	NA
Radeon HD 6250	93	2130	NA	NA
Radeon HD 6290	105	2095	NA	NA
Radeon HD 6290M	140	1992	NA	NA
Radeon HD 6300M	143	1982	NA	NA
Radeon HD 6310	122	2040	NA	NA
Radeon HD 6320	147	1976	0.27	\$554.99*
Radeon HD 6320 Graphic	216	1889	NA	NA
Radeon HD 6320M	198	1913	NA	NA
RADEON HD 6350	140	1989	2.39	\$59.00*
Radeon HD 6370D	255	1849	NA	NA
Radeon HD 6370M	275	1829	NA	NA
Radeon HD 6380G	200	1910	0.50	\$399.99*
Radeon HD 6410D	236	1865	NA	NA
Radeon HD 6430M	192	1918	NA	NA
Radeon HD 6450	197	1914	2.22	\$89.00*
Radeon HD 6450 + 8470D Dual		762	1309	NA
NA				
Radeon HD 6450A	260	1842	NA	NA

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

# Passmark G3D Mark-23082024.txt

Price

(USD)

Radeon HD 6470M	227	1874	0.40	\$569.99*	
Radeon HD 6480G	256	1845	NA	NA	
Radeon HD 6480M	353	1758	NA	NA	
Radeon HD 6490M	377	1734	0.32	\$1,193.03*	
Radeon HD 6520G	299	1808	NA	NA	
Radeon HD 6530D	337	1771	NA	NA	
Radeon HD 6550A	707	1367	NA	NA	
Radeon HD 6550D	400	1718	NA	NA	
Radeon HD 6570	554	1548	8.53	\$64.99*	
Radeon HD 6610M	565	1534	NA	NA	
Radeon HD 6620G	341	1766	NA	NA	
Radeon HD 6630M	684	1389	NA	NA	
Radeon HD 6650A	835	1240	NA	NA	
Radeon HD 6650M	753	1318	NA	NA	
Radeon HD 6670	727	1347	10.54	\$68.99*	
Radeon HD 6670 + 6670 Dual	646	1424	NA	NA	NA
Radeon HD 6670 + 7660D Dual		1492	946	NA	NA
NA					
Radeon HD 6670/7670		945	1160	NA	NA
Radeon HD 6700M	1016	1117	NA	NA	
Radeon HD 6750	1044	1104	13.06	\$79.99*	
Radeon HD 6750M	937	1166	NA	NA	
Radeon HD 6770	1249	1016	4.72	\$264.99*	
Radeon HD 6770M	964	1150	NA	NA	
Radeon HD 6790	1616	896	5.50	\$294.00*	
Radeon HD 6800M	798	1272	NA	NA	
Radeon HD 6850	1967	783	23.15	\$85.00*	
Radeon HD 6850 X2	2534	645	NA	NA	
Radeon HD 6870	2218	720	8.07	\$275.00*	
Radeon HD 6900M	1702	862	NA	NA	
Radeon HD 6950	2617	624	18.70	\$139.99*	
Radeon HD 6970	2836	588	18.91	\$149.99*	
Radeon HD 6970M	2270	705	10.51	\$215.99*	
Radeon HD 6990	3013	570	6.04	\$498.49*	

# Passmark G3D Mark-23082024.txt

Radeon HD 7290	111	2078	NA	NA	
Radeon HD 7290M	123	2033	NA	NA	
Radeon HD 7310	128	2021	NA	NA	
Radeon HD 7310 - Carte graphique			174	1937	NA
NA					
Radeon HD 7310G	180	1928	NA	NA	
Radeon HD 7310M	166	1951	NA	NA	
Radeon HD 7340	153	1965	0.28	\$552.69*	
Radeon HD 7340G	196	1915	NA	NA	
Radeon HD 7340M	221	1881	NA	NA	
Radeon HD 7350	165	1953	NA	NA	
Radeon HD 7400G	267	1835	NA	NA	
Radeon HD 7420G	308	1799	NA	NA	
Radeon HD 7450	224	1876	4.50	\$49.99*	
Radeon HD 7450A	288	1815	NA	NA	
Radeon HD 7450M	329	1781	NA	NA	
Radeon HD 7470	289	1814	3.55	\$81.37*	

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon HD 7470M	407	1711	NA	NA	
Radeon HD 7480D	279	1825	NA	NA	
Radeon HD 7500G	307	1800	NA	NA	
Radeon HD 7500G + 7500M/7600M Dual	616			1464	NA
NA					
Radeon HD 7500G + 7550M Dual		497		1619	NA
NA					

# Passmark G3D Mark-23082024.txt

Radeon HD 7500G + HD 7500M/7600M Dual	355	1755
NA NA		
Radeon HD 7520G 316 1794 NA NA		
Radeon HD 7520G + 7400M Dual	486	1629 NA
NA		
Radeon HD 7520G + 7470M Dual	542	1567 NA
NA		
Radeon HD 7520G + 7500/7600 Dual	582	1512 NA
NA		
Radeon HD 7520G + 7600M Dual	591	1497 NA
NA		
Radeon HD 7520G + 7610M Dual	588	1503 NA
NA		
Radeon HD 7520G + 7650M Dual	453	1675 NA
NA		
Radeon HD 7520G + 7670M Dual	523	1591 NA
NA		
Radeon HD 7520G + 7700M Dual	1060	1098 NA
NA		
Radeon HD 7520G + 8600/8700M Dual	311	1796 NA
NA		
Radeon HD 7520G + 8750M Dual	376	1736 NA
NA		
Radeon HD 7520G + HD 7400M Dual	544	1562 NA
NA		
Radeon HD 7520G + HD 7500/7600 Dual	832	1243 NA
NA		
Radeon HD 7520G + HD 7600M Dual	447	1680 NA
NA		
Radeon HD 7520G + HD 7670M Dual	495	1623 NA
NA		
Radeon HD 7520G + HD 7700M Dual	574	1520 NA
NA		
Radeon HD 7520G + HD 8600/8700M Dual	623	1455
NA NA		
Radeon HD 7520G + HD 8750M Dual	651	1417 NA
NA		

# Passmark G3D Mark-23082024.txt

Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574		
1522 NA NA			
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364		
1750 NA NA			
Radeon HD 7540D 332 1776 NA NA			
Radeon HD 7540D + 6570 Dual	719	1356	NA
NA			
Radeon HD 7540D + 7500 Dual	821	1256	NA
NA			
Radeon HD 7540D + HD 6450 Dual	643	1427	NA
NA			
Radeon HD 7550M 464 1655 NA NA			
Radeon HD 7550M/7650M 728 1344 NA NA			
Radeon HD 7560D 457 1669 NA NA			
Radeon HD 7560D + 6450 Dual	568	1531	NA
NA			
Radeon HD 7560D + 6570 Dual	833	1242	NA
NA			
Radeon HD 7560D + 6670 Dual	1130	1063	NA
NA			
Radeon HD 7560D + 7560D Dual	982	1140	NA
NA			
Radeon HD 7560D + 7570 Dual	985	1137	NA
NA			
Radeon HD 7560D + 7670 Dual	1426	969	NA
NA			
Radeon HD 7560D + 7700 Dual	1919	800	NA
NA			
Radeon HD 7560D + HD 6570 Dual	1237	1023	NA
NA			
Radeon HD 7560D + HD 6670 Dual	1554	919	NA
NA			
Radeon HD 7560D + HD 7000 Dual	534	1574	NA
NA			
Radeon HD 7560D + HD 7600 Dual	1258	1014	NA
NA			
Radeon HD 7560D + HD 7670 Dual	1380	980	NA



# Passmark G3D Mark-23082024.txt

NA

Radeon HD 7560D + HD 7700 Dual	1346	988	NA
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NA

Radeon HD 7560D + HD 8570 Dual	935	1167	NA
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NA

Radeon HD 7560D + R5 235 Dual	563	1537	NA
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NA

Radeon HD 7570	612	1469	5.98	\$102.49*
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Videocard Name

Passmark G3D Mark

(higher is better)

Rank

(lower is better)

Videocard Value

(higher is better)

Price

(USD)

Radeon HD 7570M	428	1694	NA	NA
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Radeon HD 7570M/HD 7670M	699	1376	NA	NA
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Radeon HD 7580D	350	1761	NA	NA
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Radeon HD 7600G	327	1783	NA	NA
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Radeon HD 7600G + 6400M Dual	376	1737	NA
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NA

Radeon HD 7600G + 7450M Dual	389	1724	NA
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NA

Radeon HD 7600G + 7500M/7600M Dual	405	1713	NA
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NA

Radeon HD 7600G + 7550M Dual	423	1698	NA
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NA

Radeon HD 7600G + 8500M/8700M Dual	333	1775	NA
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NA

Radeon HD 7600G + HD 7400M Dual	328	1782	NA
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NA

# Passmark G3D Mark-23082024.txt

Radeon HD 7600G + HD 7500M/7600M Dual	476	1641	
NA NA			
Radeon HD 7600G + HD 7550M Dual	509	1603	NA
NA			
Radeon HD 7600G + HD 8670M Dual	543	1564	NA
NA			
Radeon HD 7600G + HD Dual	435	1688	NA NA
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1585	
NA NA			
Radeon HD 7600M + 7600M Dual	773	1296	NA
NA			
Radeon HD 7610M	632	1442	NA NA
Radeon HD 7620G	363	1751	NA NA
Radeon HD 7620G + 8600M Dual	508	1604	NA
NA			
Radeon HD 7620G + 8670M Dual	577	1516	NA
NA			
Radeon HD 7620G + HD 8600M Dual	442	1684	NA
NA			
Radeon HD 7620G + HD 8670M Dual	507	1608	NA
NA			
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451		
1677 NA NA			
Radeon HD 7640G	459	1667	NA NA
Radeon HD 7640G + 6400M Dual	526	1584	NA
NA			
Radeon HD 7640G + 7400M Dual	637	1432	NA
NA			
Radeon HD 7640G + 7450M Dual	754	1316	NA
NA			
Radeon HD 7640G + 7470M Dual	595	1492	NA
NA			
Radeon HD 7640G + 7500/7600 Dual	627	1451	NA
NA			
Radeon HD 7640G + 7500M/7600M Dual	775	1292	NA
NA			
Radeon HD 7640G + 7600M Dual	705	1370	NA

# Passmark G3D Mark-23082024.txt

NA			
Radeon HD 7640G + 7610M Dual	510	1602	NA
NA			
Radeon HD 7640G + 7650M Dual	747	1324	NA
NA			
Radeon HD 7640G + 7670M Dual	644	1426	NA
NA			
Radeon HD 7640G + 7690M Dual	945	1161	NA
NA			
Radeon HD 7640G + 7700M Dual	690	1383	NA
NA			
Radeon HD 7640G + 8500M Dual	585	1508	NA
NA			
Radeon HD 7640G + 8570M Dual	558	1542	NA
NA			
Radeon HD 7640G + 8600/8700M Dual	688	1386	NA
NA			
Radeon HD 7640G + 8600M Dual	249	1855	NA
NA			
Radeon HD 7640G + 8670M Dual	558	1541	NA
NA			
Radeon HD 7640G + 8750M Dual	654	1411	NA
NA			
Radeon HD 7640G + HD 7400M Dual	621	1457	NA
NA			
Radeon HD 7640G + HD 7500/7600 Dual	423	1697	NA
NA			
Radeon HD 7640G + HD 7600M Dual	704	1372	NA
NA			
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1712	
NA	NA		
Radeon HD 7640G + HD 7670M Dual	518	1596	NA
NA			
Radeon HD 7640G + HD 7700M Dual	589	1500	NA
NA			
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1443	
NA	NA		

# Passmark G3D Mark-23082024.txt

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon HD 7640G + HD 8500M Dual	607	1476	NA
NA			
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1402	
NA NA			
Radeon HD 7640G + HD 8570M Dual	474	1645	NA
NA			
Radeon HD 7640G + HD 8600/8700M Dual		586	1506
NA NA			
Radeon HD 7640G + HD 8670M Dual	677	1395	NA
NA			
Radeon HD 7640G + HD 8750M Dual	996	1132	NA
NA			
Radeon HD 7640G + R5 M200 Dual	559	1539	NA
NA			
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824		
1253 NA NA			
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1392	
NA NA			
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1700	
NA NA			
Radeon HD 7650A	569	1529	2.17 \$262.00*
Radeon HD 7650M	442	1685	NA NA
Radeon HD 7660D	502	1614	NA NA
Radeon HD 7660D + 6570 Dual		1100	1075 NA

# Passmark G3D Mark-23082024.txt

NA			
Radeon HD 7660D + 6670 Dual	1238	1022	NA
NA			
Radeon HD 7660D + 7470 Dual	465	1654	NA
NA			
Radeon HD 7660D + 7500 Dual	1121	1067	NA
NA			
Radeon HD 7660D + 7540D Dual	1204	1037	NA
NA			
Radeon HD 7660D + 7670 Dual	1061	1097	NA
NA			
Radeon HD 7660D + HD 6670 Dual	1484	949	NA
NA			
Radeon HD 7660D + HD 7000 Dual	633	1440	NA
NA			
Radeon HD 7660D + HD 7400 Dual	339	1769	NA
NA			
Radeon HD 7660D + HD 7700 Dual	1958	788	NA
NA			
Radeon HD 7660D + R5 235 Dual	523	1589	NA
NA			
Radeon HD 7660D + R7 240 Dual	941	1165	NA
NA			
Radeon HD 7660G 476 1640	NA	NA	
Radeon HD 7660G + 7400M Dual	588	1504	NA
NA			
Radeon HD 7660G + 7470M Dual	630	1444	NA
NA			
Radeon HD 7660G + 7600M Dual	831	1246	NA
NA			
Radeon HD 7660G + 7610M Dual	745	1327	NA
NA			
Radeon HD 7660G + 7670M Dual	743	1331	NA
NA			
Radeon HD 7660G + 7700M Dual	757	1314	NA
NA			
Radeon HD 7660G + 7730M Dual	931	1172	NA

# Passmark G3D Mark-23082024.txt

NA

Radeon HD 7660G + 8600M Dual	445	1681	NA
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NA

Radeon HD 7660G + 8670M Dual	587	1505	NA
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NA

Radeon HD 7660G + HD 7500/7600 7500/7600 Dual			1002
1126	NA	NA	

Radeon HD 7660G + HD 7500/7600 Dual 760		1311	NA
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NA

Radeon HD 7660G + HD 7500M/7600M Dual		999	1130
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NA NA

Radeon HD 7660G + HD 7600M Dual	523	1590	NA
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NA

Radeon HD 7660G + HD 7600M N HD 7600M Dual	460		1665
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NA NA

Radeon HD 7660G + HD 7670M Dual	706	1368	NA
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NA

Radeon HD 7660G + HD 7700M Dual	777	1291	NA
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NA

Radeon HD 7660G + HD 7730M Dual	881	1210	NA
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NA

Radeon HD 7660G + HD 8500M Dual	758	1312	NA
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NA

Radeon HD 7660G + HD 8600/8700M Dual		747	1325
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NA NA

Radeon HD 7660G + HD 8600M Dual	363	1752	NA
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NA

Radeon HD 7660G + HD 8670M Dual	711	1364	NA
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NA

Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722		
1350	NA	NA	

Radeon HD 7660G N HD 7660G + HD 7670M Dual	704		1371
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NA NA

Videocard Name

Passmark G3D Mark

(higher is better)

# Passmark G3D Mark-23082024.txt

Rank

(lower is better)

Videocard Value

(higher is better)

Price

(USD)

Radeon HD 7660G N	1148	NA	NA	NA	NA	966
Radeon HD 7660G + HD 7700M N	813	1263	NA	NA		
Radeon HD 7670A	1050	1101	NA	NA		
Radeon HD 7670M	471	1649	0.75	\$629.99*		
Radeon HD 7670M + 7670M Dual			738	1338	NA	
NA						
Radeon HD 7690M	909	1189	NA	NA		
Radeon HD 7690M XT		1009	1122	NA	NA	
Radeon HD 7700-serie		1899	807	NA	NA	
Radeon HD 7730	1205	1035	5.18	\$232.70*		
Radeon HD 7730M	774	1293	NA	NA		
Radeon HD 7750	1699	863	16.64	\$102.15		
Radeon HD 7750M	1191	1041	NA	NA		
Radeon HD 7770	2171	726	7.24	\$300.00*		
Radeon HD 7790	3090	564	22.07	\$139.99*		
Radeon HD 7800-serie		4029	466	NA	NA	
Radeon HD 7850	3862	476	22.84	\$169.15		
Radeon HD 7850M	1372	982	NA	NA		
Radeon HD 7870	4636	427	26.34	\$176.00*		
Radeon HD 7870 XT	4469	437	NA	NA		
Radeon HD 7870M	1507	943	NA	NA		
Radeon HD 7950 / R9 280		4764	421	19.78	\$240.83	
Radeon HD 7970 / R9 280X		5247	381	21.25	\$246.99*	
Radeon HD 7970M	3529	510	NA	NA		
Radeon HD 7990	5565	358	13.91	\$399.99*		
Radeon HD 8180	138	1998	NA	NA		
Radeon HD 8210	189	1922	NA	NA		

# Passmark G3D Mark-23082024.txt

Radeon HD 8210E	193	1917	NA	NA
Radeon HD 8240	246	1859	NA	NA
Radeon HD 8250	217	1887	NA	NA
Radeon HD 8280	260	1840	NA	NA
Radeon HD 8280E	256	1847	NA	NA
Radeon HD 8280G	269	1833	NA	NA
Radeon HD 8310E	340	1768	NA	NA
Radeon HD 8330	260	1841	NA	NA
Radeon HD 8330E	251	1854	NA	NA
Radeon HD 8350	162	1955	1.63	\$99.81*
Radeon HD 8350G	304	1803	NA	NA
Radeon HD 8370D	311	1795	NA	NA
Radeon HD 8400	265	1837	NA	NA
Radeon HD 8400E	275	1830	NA	NA
Radeon HD 8410G	435	1690	NA	NA
Radeon HD 8450G	348	1762	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1095	NA	
NA				
Radeon HD 8450G + 8600M Dual	545	1560	NA	
NA				
Radeon HD 8450G + 8670M Dual	474	1644	NA	
NA				
Radeon HD 8450G + 8750M Dual	637	1433	NA	
NA				
Radeon HD 8450G + HD 8600M Dual	452	1676	NA	
NA				
Radeon HD 8450G + HD 8670M Dual	477	1639	NA	
NA				
Radeon HD 8450G + HD 8750M Dual	503	1613	NA	
NA				

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)



# Passmark G3D Mark-23082024.txt

Videocard Value  
(higher is better)

Price  
(USD)

Radeon HD 8450G + R5 M230 Dual NA	578	1514	NA
Radeon HD 8470 251 1853	NA	NA	
Radeon HD 8470D 369 1744	NA	NA	
Radeon HD 8470D + 6450 Dual NA	717	1359	NA
Radeon HD 8470D + 6570 Dual NA	837	1236	NA
Radeon HD 8470D + HD 6450 Dual NA	862	1221	NA
Radeon HD 8470D + HD 6670 Dual NA	1435	962	NA
Radeon HD 8470D + HD 7500 Dual NA	1545	925	NA
Radeon HD 8490 263 1839	2.93	\$89.99*	
Radeon HD 8500M 420 1701	NA	NA	
Radeon HD 8500M/8700M 852	1230	NA	NA
Radeon HD 8510G 353 1756	NA	NA	
Radeon HD 8510G + 8500M Dual NA	596	1490	NA
Radeon HD 8510G + HD 8500M Dual NA	629	1445	NA
Radeon HD 8550D 566 1533	NA	NA	
Radeon HD 8550G 411 1707	NA	NA	
Radeon HD 8550G + 7600M Dual NA	901	1193	NA
Radeon HD 8550G + 8500M Dual NA	602	1482	NA
Radeon HD 8550G + 8570M Dual NA	532	1577	NA
Radeon HD 8550G + 8600/8700M Dual	802	1268	NA

# Passmark G3D Mark-23082024.txt

NA				
Radeon HD 8550G + 8600M Dual	617	1463	NA	
NA				
Radeon HD 8550G + 8670M Dual	579	1513	NA	
NA				
Radeon HD 8550G + 8690M Dual	664	1404	NA	
NA				
Radeon HD 8550G + 8750M Dual	795	1278	NA	
NA				
Radeon HD 8550G + HD 7600M Dual	547	1555	NA	
NA				
Radeon HD 8550G + HD 8500M Dual	558	1540	NA	
NA				
Radeon HD 8550G + HD 8570M Dual	529	1582	NA	
NA				
Radeon HD 8550G + HD 8600/8700M Dual		654	1413	
NA	NA			
Radeon HD 8550G + HD 8600M Dual	593	1495	NA	
NA				
Radeon HD 8550G + HD 8670M Dual	546	1558	NA	
NA				
Radeon HD 8550G + HD 8750M Dual	819	1258	NA	
NA				
Radeon HD 8550G + R5 M200 Dual	619	1460	NA	
NA				
Radeon HD 8550G + R5 M230 Dual	487	1626	NA	
NA				
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611			
1471	NA	NA		
Radeon HD 8570	943	1163	9.56	\$98.68*
Radeon HD 8570 + 8670D Dual	620	1458	NA	
NA				
Radeon HD 8570 + HD 7660D Dual	949	1156	NA	
NA				
Radeon HD 8570D	435	1689	NA	NA
Radeon HD 8570D + 6570 Dual	1239	1021	NA	
NA				

# Passmark G3D Mark-23082024.txt

Radeon HD 8570D + 6670 Dual	1039	1107	NA
NA			
Radeon HD 8570D + HD8490 Dual	374	1740	NA
NA			
Radeon HD 8570D + HD 6570 Dual	868	1217	NA
NA			
Radeon HD 8570D + HD 6670 Dual	1260	1013	NA
NA			
Radeon HD 8570D + HD 7000 Dual	753	1317	NA
NA			
Radeon HD 8570D + HD 7700 Dual	1834	830	NA
NA			
Radeon HD 8570D + HD 8470 Dual	338	1770	NA
NA			
Radeon HD 8570D + HD 8570 Dual	1032	1110	NA
NA			
Radeon HD 8570D + R5 235 Dual	470	1650	NA
NA			
Radeon HD 8570D + R7 200 Dual	999	1129	NA
NA			

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon HD 8570D + R7 240 Dual	963	1151	NA
NA			
Radeon HD 8570M 441	1686	NA	NA
Radeon HD 8600/8700M	1029	1111	NA

# Passmark G3D Mark-23082024.txt

Radeon HD 8610G	418	1703	NA	NA	
Radeon HD 8610G + 8500M Dual			610	1474	NA
NA					
Radeon HD 8610G + 8600M Dual			588	1502	NA
NA					
Radeon HD 8610G + 8670M Dual			599	1484	NA
NA					
Radeon HD 8610G + HD 8500M Dual			645	1425	NA
NA					
Radeon HD 8610G + HD 8600M Dual			480	1631	NA
NA					
Radeon HD 8610G + HD 8670M Dual			577	1515	NA
NA					
Radeon HD 8610G + R5 M200 Dual			676	1396	NA
NA					
Radeon HD 8650D	396	1719	NA	NA	
Radeon HD 8650G	525	1588	NA	NA	
Radeon HD 8650G + 7600M Dual			741	1334	NA
NA					
Radeon HD 8650G + 7670M Dual			883	1207	NA
NA					
Radeon HD 8650G + 7700M Dual			1126	1064	NA
NA					
Radeon HD 8650G + 8500M Dual			626	1452	NA
NA					
Radeon HD 8650G + 8570M Dual			654	1414	NA
NA					
Radeon HD 8650G + 8600/8700M Dual			831	1245	NA
NA					
Radeon HD 8650G + 8600M Dual			613	1468	NA
NA					
Radeon HD 8650G + 8670M Dual			635	1436	NA
NA					
Radeon HD 8650G + 8750M Dual			786	1282	NA
NA					
Radeon HD 8650G + HD 7600M Dual			819	1257	NA
NA					

# Passmark G3D Mark-23082024.txt

Radeon HD 8650G + HD 7670M Dual	634	1437	NA
NA			
Radeon HD 8650G + HD 8570M Dual	716	1361	NA
NA			
Radeon HD 8650G + HD 8600/8700M Dual		763	1307
NA NA			
Radeon HD 8650G + HD 8600M Dual	606	1478	NA
NA			
Radeon HD 8650G + HD 8600M N HD 8600M Dual	757		1313
NA NA			
Radeon HD 8650G + HD 8670M Dual	585	1510	NA
NA			
Radeon HD 8650G + HD 8750M Dual	651	1416	NA
NA			
Radeon HD 8650G + HD 8790M Dual	799	1271	NA
NA			
Radeon HD 8650G + R5 M200 Dual	722	1351	NA
NA			
Radeon HD 8650G + R5 M230 Dual	686	1388	NA
NA			
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773		1297
NA NA			
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual			796
1277 NA NA			
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679		
1391 NA NA			
Radeon HD 8670D 529 1581	NA	NA	
Radeon HD 8670D + 6670 Dual	1361	985	NA
NA			
Radeon HD 8670D + 7000 Dual	811	1264	NA
NA			
Radeon HD 8670D + 7700 Dual	1788	841	NA
NA			
Radeon HD 8670D + 8570 Dual	974	1144	NA
NA			
Radeon HD 8670D + HD 6670 Dual	1221	1030	NA
NA			

# Passmark G3D Mark-23082024.txt

Radeon HD 8670D + HD 7000 Dual	718	1358	NA
NA			
Radeon HD 8670D + HD 7600 Dual	1317	995	NA
NA			
Radeon HD 8670D + HD 7700 Dual	1892	810	NA
NA			
Radeon HD 8670D + R5 235 Dual	836	1237	NA
NA			
Radeon HD 8670D + R5 330 Dual	746	1326	NA
NA			
Radeon HD 8670D + R7 200 Dual	949	1155	NA
NA			
Radeon HD 8670D + R7 240 Dual	1020	1115	NA
NA			

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1625
NA NA		
Radeon HD 8670M 520	1595	NA NA
Radeon HD 8690A 498	1616	NA NA
Radeon HD 8690M 984	1139	NA NA
Radeon HD 8730M 761	1310	NA NA
Radeon HD 8750M 998	1131	NA NA
Radeon HD 8790M 1305	1001	NA NA
Radeon HD 8790M / R9 M290X	1210	1031 NA
NA		

# Passmark G3D Mark-23082024.txt

Radeon HD 8850M	973	1145	NA	NA	
Radeon HD 8850M / R9 M265X			1139	1058	NA
NA					
Radeon HD 8870M	1638	882	NA	NA	
Radeon HD 8870M / R9 M270X / M370X			1799	839	NA
NA					
Radeon HD 8950	2755	600	NA	NA	
Radeon HD 8970M	3876	474	27.69	\$139.99*	
Radeon HD 8990	5214	386	NA	NA	
Radeon HD HD7850M		1651	877	NA	NA
Radeon HDG 4670	170	1942	NA	NA	
RADEON IGP 34xM 1		2569	NA	NA	
RADEON IGP 320 3		2512	NA	NA	
Radeon IGP 320M 3		2519	NA	NA	
Radeon IGP 340M 2		2557	NA	NA	
RADEON IGP 345M 2		2545	NA	NA	
RADEON IGP 350M 6		2450	NA	NA	
Radeon Infoshock 3000		106	2090	NA	NA
Radeon Instinct MI25 MxGPU		4978	407	NA	NA
Radeon M535DX	749	1322	NA	NA	
Radeon Pro	2109	737	4.92	\$429.00	
Radeon Pro 450	2722	609	NA	NA	
Radeon Pro 455	3112	559	6.93	\$449.00*	
Radeon Pro 460	3452	521	NA	NA	
Radeon Pro 465	4537	433	NA	NA	
Radeon Pro 555	3140	558	2.99	\$1,049.00*	
Radeon Pro 560	3475	518	NA	NA	
Radeon Pro 560X	3677	493	NA	NA	
Radeon Pro 570	6336	320	NA	NA	
Radeon Pro 580	7753	274	NA	NA	
Radeon Pro 580X	7540	284	NA	NA	
Radeon Pro 5300	7143	293	NA	NA	
Radeon Pro 5300M	5954	338	NA	NA	
Radeon Pro 5500 XT		8375	250	NA	NA
Radeon Pro 5500M	6793	304	NA	NA	
Radeon Pro 5600M	9232	228	NA	NA	
Radeon Pro 5700	11844	175	NA	NA	

# Passmark G3D Mark-23082024.txt

Radeon Pro 5700 XT	12613	156	NA	NA
Radeon Pro Duo 8164	255	2.06	\$3,970.36*	
Radeon PRO Ryzen 5 PRO 6650U		4066	463	NA
NA				
Radeon PRO Ryzen 7 PRO 6850U		5706	351	NA
NA				
Radeon Pro SSG 10971	191	4.55	\$2,410.15*	
Radeon Pro V340 MxGPU	2853	585	NA	NA
Videocard Name				

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon Pro V520 MxGPU	12257	169	NA	NA
Radeon Pro Vega 16	4809	416	NA	NA
Radeon Pro Vega 20	5299	379	NA	NA
Radeon Pro Vega 48	11299	188	NA	NA
Radeon Pro Vega 56	12353	165	NA	NA
Radeon Pro Vega 64	12949	150	NA	NA
Radeon Pro Vega 64X	13708	135	NA	NA
Radeon Pro Vega II 15596	100	NA	NA	
Radeon Pro Vega II Duo	14018	124	NA	NA
Radeon Pro VII 12830	153	NA	NA	
Radeon Pro W5500 9116	230	22.24	\$409.99*	
Radeon Pro W5500M	2010	765	NA	NA
Radeon Pro W5500X	7350	288	NA	NA
Radeon Pro W5700 15141	109	23.30	\$649.99*	
Radeon PRO W6300	5482	367	NA	NA
Radeon PRO W6400	8033	261	NA	NA



# Passmark G3D Mark-23082024.txt

Radeon PRO W6600	15838	97	NA	NA
Radeon PRO W6600M	9521	219	NA	NA
Radeon PRO W6600X	13113	146	NA	NA
Radeon PRO W6800	19877	53	10.74	
\$1,849.99*				
Radeon PRO W7500	13779	130	NA	NA
Radeon PRO W7600	17692	74	NA	NA
Radeon PRO W7700	20016	50	NA	NA
Radeon PRO W7800	28601	13	NA	NA
Radeon PRO W7900	29191	11	NA	NA
Radeon Pro WX 2100	1833	831	NA	NA
Radeon Pro WX 3100	2549	641	NA	NA
Radeon Pro WX 3200	2437	661	15.39	\$158.35*
Radeon Pro WX 4100	3639	499	7.28	\$499.99*
Radeon Pro WX 4130	2021	763	NA	NA
Radeon Pro WX 4150	2615	626	4.29	\$610.04*
Radeon Pro WX 4170	1409	976	NA	NA
Radeon Pro WX 5100	5565	359	15.46	\$359.99*
Radeon Pro WX 7100	7901	268	7.54	
\$1,047.99*				
Radeon Pro WX 7130	6715	310	NA	NA
Radeon Pro WX 8200	13835	128	8.65	
\$1,599.39*				
Radeon Pro WX 9100	12464	162	NA	NA
Radeon Pro WX Vega M GL	4643	426	NA	NA
Radeon R1E 301	1805	NA	NA	
Radeon R2 247	1856	NA	NA	
Radeon R2E 212	1896	NA	NA	
Radeon R3 306	1802	NA	NA	
Radeon R3E 205	1905	NA	NA	
Radeon R4 335	1773	0.85	\$396.99*	
Radeon R4E 487	1628	NA	NA	
Radeon R5 220 148	1975	1.74	\$85.26*	
Radeon R5 230 221	1880	2.74	\$81.10*	
Radeon R5 235 336	1772	5.59	\$60.13*	
Radeon R5 235 + HD 7560D Dual		743	1330	NA
NA				

# Passmark G3D Mark-23082024.txt

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon R5 235 + HD 8570D Dual	737	1339	NA
NA			
Radeon R5 235X	277	1828	NA
Radeon R5 240	543	1565	6.40
Radeon R5 310	331	1777	0.66
Radeon R5 330	520	1594	1.53
Radeon R5 340	935	1168	NA
Radeon R5 420	574	1521	14.39
Radeon R5 430	915	1182	15.52
Radeon R5 435	850	1231	NA
Radeon R5 A6-7480	698	1378	NA
Radeon R5 A6-8500P	586	1507	NA
Radeon R5 A6-9400	RADEON R5, 6 COMPUTE CORES 2C+4G		
605	1480	NA	NA
Radeon R5 A6-9500	2C+6G	853	1228
Radeon R5 A6-9500	RADEON R5, 8 COMPUTE CORES 2C+6G		
921	1179	NA	NA
Radeon R5 A6-9500E	2C+4G	1014	1119
Radeon R5 A6-9500E	RADEON R5, 6 COMPUTE CORES 2C+4		
726	1348	NA	NA
Radeon R5 A10-9600P	4C+6G	619	1461
Radeon R5 A10-9600P	RADEON R5, 10 COMPUTE CORES 4C		
696	1379	NA	NA
Radeon R5 A10-9620P	4C+6G	731	1342
		NA	NA

Passmark G3D Mark-23082024.txt

Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C						
673	1398	NA	NA			
Radeon R5 A10-9630P 4C+6G 977						
				1142	NA	NA
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C						
750	1320	NA	NA			
Radeon R5 A240	576	1518	NA	NA		
Radeon R5 M230	414	1706	NA	NA		
Radeon R5 M240	449	1679	NA	NA		
Radeon R5 M255	530	1580	NA	NA		
Radeon R5 M315	473	1646	NA	NA		
Radeon R5 M320	454	1673	NA	NA		
Radeon R5 M330	595	1491	NA	NA		
Radeon R5 M335	548	1554	NA	NA		
Radeon R5 M420	486	1630	NA	NA		
Radeon R5 M430	648	1420	NA	NA		
Radeon R5 M435	800	1270	NA	NA		
Radeon R5 Opteron X3216						
	394	1722	NA	NA		
Radeon R5 PRO A6-8500B 2C+4G						
		508	1605	NA		
NA						
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G						
478						
1637	NA	NA				
Radeon R5 PRO A6-8530B 2C+4G						
		689	1385	NA		
NA						
Radeon R5 PRO A6-8570 2C+6G						
		847	1233	NA		
NA						
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G						
984						
1138	NA	NA				
Radeon R5 PRO A6-8570E 2C+4G						
		637	1431	NA		
NA						
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G						
689						
1384	NA	NA				
Radeon R5 PRO A6-9500 2C+6G						
		1096	1078	NA		
NA						
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G						
809						
1266	NA	NA				
Radeon R5 PRO A6-9500B 2C+4G						
		693	1381	NA		
NA						

# Passmark G3D Mark-23082024.txt

Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408			
1709	NA	NA		
Radeon R5 PRO A6-9500E 2C+4G	770	1302	NA	
NA				
Radeon R5 PRO A8-9600B 4C+6G	658	1408	NA	
NA				
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	553			
1551	NA	NA		
Radeon R5 PRO A10-8730B 4C+6G	695	1380	NA	
NA				

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G					
612	1470	NA	NA		
Radeon R5E	300	1806	NA	NA	
Radeon R6	617	1462	NA	NA	
Radeon R6 + R7 M265DX Dual	570	1527	NA	NA	
Radeon R6 A8-8600P	474	1643	NA	NA	
Radeon R6 A10-8700P	541	1568	NA	NA	
Radeon R6 A10-9600P 4C+6G	970	1147	NA	NA	
Radeon R6 M255DX	605	1479	NA	NA	
Radeon R6 Opteron X34	18	955	1154	NA	NA
Radeon R6 PRO A8-8600B 4C+6G		531	1578	NA	
NA					
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	590				
1498	NA	NA			

Passmark G3D Mark-23082024.txt

Radeon R6 PRO A10-8700B 4C+6G	538	1572	NA	
NA				
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	539			
1569 NA NA				
Radeon R7 240	899	1197	10.64	\$84.56
Radeon R7 240 + HD 8570D Dual	917	1181	NA	
NA				
Radeon R7 240 + HD 8670D Dual	930	1173	NA	
NA				
Radeon R7 250	1065	1096	14.21	\$74.99
Radeon R7 250X	2268	707	11.70	\$194.00*
Radeon R7 260	2891	580	32.13	\$89.99*
Radeon R7 260X	3186	551	22.76	\$139.99*
Radeon R7 340	1000	1128	NA	NA
Radeon R7 360	3098	563	21.23	\$145.99*
Radeon R7 370	4520	435	NA	NA
Radeon R7 430	1093	1080	7.26	\$150.58*
Radeon R7 450	1936	793	6.48	\$299.00*
Radeon R7 7850A10-7850K	551	1552	NA	NA
Radeon R7 +8G	1190	1042	NA	NA
Radeon R7 + HD 7700 Dual	1962	784	NA	NA
Radeon R7 + R5 330 Dual	1028	1112	NA	NA
Radeon R7 + R5 340 Dual	1234	1024	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON			885	1206
NA NA				
Radeon R7 + R5 Dual	897	1199	NA	NA
Radeon R7 + R7 200 Dual	1077	1090	NA	NA
Radeon R7 + R7 240 Dual	1045	1103	NA	NA
Radeon R7 + R7 250 Dual	1232	1025	NA	NA
Radeon R7 + R7 350 Dual	1982	779	NA	NA
Radeon R7 A8 PRO-7600B	670	1399	NA	NA
Radeon R7 A8-7500 907	1190	NA	NA	
Radeon R7 A8-7500 4C+6G	853	1229	NA	NA
Radeon R7 A8-7600 786	1283	NA	NA	
Radeon R7 A8-7650K	745	1328	NA	NA
Radeon R7 A8-7670K	848	1232	NA	NA
Radeon R7 A8-7680 821	1255	NA	NA	

# Passmark G3D Mark-23082024.txt

Radeon R7 A8-8650 912	1184	NA	NA	
Radeon R7 A8-9600 RADEON 824		1252	NA	NA
Radeon R7 A10 Extreme Edition		816	1261	NA
NA				
Radeon R7 A10 PRO-7800B	827	1250	NA	NA
Radeon R7 A10 PRO-7850B	882	1209	NA	NA
Radeon R7 A10-7700K	778	1290	NA	NA
Videocard Name				

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon R7 A10-7800	716	1360	NA	NA
Radeon R7 A10-7850K	960	1152	NA	NA
Radeon R7 A10-7860K	927	1176	NA	NA
Radeon R7 A10-7870K	1113	1069	NA	NA
Radeon R7 A10-7890K	854	1226	NA	NA
Radeon R7 A10-8750	856	1224	NA	NA
Radeon R7 A10-8850	773	1299	NA	NA
Radeon R7 A10-9700 RADEON		927	1175	NA
NA				
Radeon R7 A10-9700E RADEON		899	1196	NA
NA				
Radeon R7 A12-9700P RADEON		727	1345	1.67
\$435.92*				
Radeon R7 A12-9720P RADEON		730	1343	2.00
\$365.48*				
Radeon R7 A12-9730P RADEON		1026	1113	NA
NA				

Passmark G3D Mark-23082024.txt

Radeon R7 A12-9800 RADEON			1075	1093	NA
NA					
Radeon R7 A12-9800E RADEON			913	1183	6.56
\$139.19*					
Radeon R7 A265	993	1134	NA	NA	
Radeon R7 A360	607	1475	NA	NA	
Radeon R7 A365	781	1287	NA	NA	
Radeon R7 A370	1281	1008	NA	NA	
Radeon R7 FX-8800P		829	1248	NA	NA
Radeon R7 FX-9800P RADEON			706	1369	1.33
\$530.00*					
Radeon R7 FX-9830P RADEON			1470	956	NA
NA					
Radeon R7 G	869	1216	NA	NA	
Radeon R7 M260	496	1620	0.62	\$799.00*	
Radeon R7 M260DX	816	1259	NA	NA	
Radeon R7 M260X	1000	1127	NA	NA	
Radeon R7 M265	545	1559	NA	NA	
Radeon R7 M265DX	498	1615	NA	NA	
Radeon R7 M270	766	1306	NA	NA	
Radeon R7 M340	656	1410	NA	NA	
Radeon R7 M350	1104	1072	NA	NA	
Radeon R7 M360	570	1525	NA	NA	
Radeon R7 M365X	750	1319	NA	NA	
Radeon R7 M370	1417	973	NA	NA	
Radeon R7 M380	1668	871	NA	NA	
Radeon R7 M440	899	1198	NA	NA	
Radeon R7 M445	943	1164	1.27	\$744.00*	
Radeon R7 M460	1073	1094	NA	NA	
Radeon R7 M465	1095	1079	NA	NA	
Radeon R7 M465X	1676	867	NA	NA	
Radeon R7 Opteron X3421		1168	1049	NA	NA
Radeon R7 PRO A6-9500 2C+6G			781	1286	NA
NA					
Radeon R7 PRO A8-8650B	718	1357	NA	NA	
Radeon R7 PRO A8-8670E	1309	998	NA	NA	
Radeon R7 PRO A8-9600	893	1202	NA	NA	

# Passmark G3D Mark-23082024.txt

Radeon R7 PRO A10-8750B	767	1305	NA	NA
Radeon R7 PRO A10-8770	882	1208	NA	NA
Radeon R7 PRO A10-8770E	828	1249	NA	NA
Radeon R7 PRO A10-8850B	945	1162	NA	NA
Radeon R7 PRO A10-9700	798	1273	NA	NA

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon R7 PRO A10-9700B	628	1447	NA	NA
Radeon R7 PRO A10-9700E	970	1146	1.84	\$529.00*
Radeon R7 PRO A12-8800B	597	1487	NA	NA
Radeon R7 PRO A12-8830B	593	1494	NA	NA
Radeon R7 PRO A12-8870	904	1192	NA	NA
Radeon R7 PRO A12-8870E	920	1180	NA	NA
Radeon R7 PRO A12-9800	877	1211	NA	NA
Radeon R7 PRO A12-9800B	702	1373	NA	NA
Radeon R7 PRO A12-9800E	957	1153	NA	NA
Radeon R7E	564	1535	NA	NA
Radeon R8 M365DX647	1422	NA	NA	
Radeon R8 M445DX796	1276	NA	NA	
Radeon R8 M535DX670	1400	NA	NA	
Radeon R9 255	1420	972	4.13	\$344.16*
Radeon R9 260	3181	552	NA	NA
Radeon R9 270	4306	449	NA	NA
Radeon R9 270 / R7 370	4259	451	19.98	\$213.16*
Radeon R9 270X	4871	411	14.92	\$326.50*
Radeon R9 280	5558	361	NA	NA



# Passmark G3D Mark-23082024.txt

Radeon R9 280X	6189	327	NA	NA	
Radeon R9 285 / 380		5549	363	11.44	\$485.00*
Radeon R9 290	8303	252	NA	NA	
Radeon R9 290 / 390		8150	257	21.45	\$380.00*
Radeon R9 290X	8624	244	NA	NA	
Radeon R9 290X / 390X		8389	249	26.22	\$319.99*
Radeon R9 295X2	8617	245	17.27	\$499.10*	
Radeon R9 350	2018	764	6.75	\$299.00*	
Radeon R9 360	3031	568	22.64	\$133.89*	
Radeon R9 370	4722	423	29.51	\$159.99*	
Radeon R9 380	6140	332	68.23	\$89.99*	
Radeon R9 380X	6184	328	17.67	\$349.99*	
Radeon R9 390	8914	235	NA	NA	
Radeon R9 390X	9438	222	NA	NA	
Radeon R9 Fury	9593	216	21.65	\$443.10*	
Radeon R9 Fury + Fury X		9741	213	21.65	\$449.99*
Radeon R9 Fury X	9672	214	NA	NA	
Radeon R9 M265X	1138	1059	NA	NA	
Radeon R9 M270X	1204	1038	NA	NA	
Radeon R9 M275	1114	1068	1.59	\$699.99*	
Radeon R9 M275X	1537	931	NA	NA	
Radeon R9 M275X / M375		1574	913	NA	NA
Radeon R9 M280X	813	1262	NA	NA	
Radeon R9 M290X	3262	542	NA	NA	
Radeon R9 M295X	5150	394	3.55	\$1,449.00*	
Radeon R9 M360	1812	837	NA	NA	
Radeon R9 M365X	1481	953	NA	NA	
Radeon R9 M370X	1546	923	1.74	\$889.00*	
Radeon R9 M375	964	1149	NA	NA	
Radeon R9 M375X	1749	849	NA	NA	

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

# Passmark G3D Mark-23082024.txt

Videocard Value  
(higher is better)

Price  
(USD)

Radeon R9 M380	2762	599	NA	NA	
Radeon R9 M385	2060	752	NA	NA	
Radeon R9 M385X	1993	772	NA	NA	
Radeon R9 M390X	3597	504	NA	NA	
Radeon R9 M395	4911	409	NA	NA	
Radeon R9 M395X	5194	389	NA	NA	
Radeon R9 M470	2330	687	NA	NA	
Radeon R9 M470X	3244	545	NA	NA	
Radeon R9 M485X	3660	496	NA	NA	
Radeon RX590 GME		8630	242	NA	NA
Radeon RX 460	4102	460	24.59	\$166.81*	
Radeon RX 470/570	8010	262	20.59	\$388.99*	
Radeon RX 480	8625	243	25.37	\$339.99*	
Radeon RX 540	1856	820	NA	NA	
Radeon RX 550	2733	606	14.98	\$182.49	
Radeon RX 550X	2276	701	NA	NA	
Radeon RX 560	3642	497	20.26	\$179.85	
Radeon RX 560X	3196	550	NA	NA	
Radeon RX 570X	1923	798	12.57	\$153.01*	
Radeon RX 580	8867	237	49.26	\$179.99*	
Radeon RX 580 2048SP		7700	275	NA	NA
Radeon RX 580X	7798	273	NA	NA	
Radeon RX 590	9399	223	17.09	\$549.99*	
Radeon RX 640	1980	780	NA	NA	
Radeon RX 5300	7561	280	NA	NA	
Radeon RX 5300M	4307	448	NA	NA	
Radeon RX 5500	8792	238	NA	NA	
Radeon RX 5500 XT	9152	229	50.48	\$181.29*	
Radeon RX 5500M	5522	365	NA	NA	
Radeon RX 5600	11489	182	NA	NA	
Radeon RX 5600 OEM		12004	171	NA	NA

# Passmark G3D Mark-23082024.txt

Radeon RX 5600 XT	13649	138	25.04	\$545.00*	
Radeon RX 5600M	8744	240	NA	NA	
Radeon RX 5700	14460	117	46.65	\$309.99*	
Radeon RX 5700 XT	16612	85	38.03	\$436.85*	
Radeon RX 5700 XT 50th Anniversary		16572	86		NA
NA					
Radeon RX 6300	5741	350	NA	NA	
Radeon RX 6400	7557	281	48.76	\$154.99	
Radeon RX 6500	7686	276	NA	NA	
Radeon RX 6500 XT	9544	217	56.15	\$169.99	
Radeon RX 6500M	7803	272	NA	NA	
Radeon RX 6550M	9319	225	NA	NA	
Radeon RX 6600	15138	110	75.70	\$199.99	
Radeon RX 6600 XT	16505	88	33.08	\$499.00	
Radeon RX 6600M	13713	134	68.57	\$199.99*	
Radeon RX 6600S	13678	136	NA	NA	
Radeon RX 6650 XT	17248	80	82.14	\$209.99	
Radeon RX 6650M	15056	112	NA	NA	
Radeon RX 6650M XT		15833	98	NA	NA
Videocard Name					

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon RX 6700	18755	68	NA	NA	
Radeon RX 6700 XT	19877	54	25.25	\$787.16	
Radeon RX 6700M	13465	141	49.87	\$269.99*	
Radeon RX 6700S	14943	113	49.81	\$299.99	
Radeon RX 6750 GRE 10GB		19993	51	NA	NA

# Passmark G3D Mark-23082024.txt

Radeon RX 6750 GRE 12GB	19354	64	NA	NA
Radeon RX 6750 XT 20779	48	64.94	\$319.99	
Radeon RX 6800 22245	40	61.80	\$359.99	
Radeon RX 6800 XT 25038	27	35.86	\$698.19*	
Radeon RX 6800M 13277	143	NA	NA	
Radeon RX 6800S 15414	104	NA	NA	
Radeon RX 6850M 12274	168	NA	NA	
Radeon RX 6850M XT	17191	81	NA	NA
Radeon RX 6900 XT 26833	20	17.77	\$1,509.67	
Radeon RX 6950 XT 28280	15	28.28	\$999.99*	
Radeon RX 7600 16360	92	64.16	\$254.99	
Radeon RX 7600 XT 17292	78	54.04	\$319.99	
Radeon RX 7600M XT	12008	170	NA	NA
Radeon RX 7600S 14455	118	NA	NA	
Radeon RX 7700 XT 22283	38	57.14	\$389.97	
Radeon RX 7700S 15699	99	NA	NA	
Radeon RX 7800 XT 24157	29	50.33	\$479.99	
Radeon RX 7900 GRE	26710	22	49.47	\$539.97
Radeon RX 7900 XT 28775	12	42.28	\$680.61	
Radeon RX 7900 XTX	30916	8	33.61	\$919.99
Radeon RX 7900M 22112	41	NA	NA	
Radeon RX Vega11 1605	901	NA	NA	
Radeon RX Vega11 Ryzen 7 3750H		1674	868	NA
NA				
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition				1398
977 NA NA				
Radeon RX Vega 6 Ryzen 3 3200U		906	1191	NA
NA				
Radeon RX Vega 8 1487	948	NA	NA	
Radeon RX Vega 10 1637	884	NA	NA	
Radeon RX Vega 10 Ryzen 7 3700U		1512	939	NA
NA				
Radeon RX Vega 10 Ryzen 7 3750H		1825	833	NA
NA				
Radeon RX Vega 10 Ryzen 7 PRO 3700U w/			1546	922
NA NA				
Radeon RX Vega 11 2118	734	2.11	\$1,002.00*	

# Passmark G3D Mark-23082024.txt

Radeon RX Vega 11 PRD	2401	667	NA	NA
Radeon RX Vega 11 Processor	1844	823	NA	NA
Radeon RX Vega 11 Ryzen 5 3350G	1854	821	NA	NA
Radeon RX Vega 11 Ryzen 5 3400G	2176	725	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	2068	749	NA	NA
Radeon RX Vega 56 13259	144	17.61	\$752.99*	
Radeon RX Vega 64 14345	122	19.13	\$749.99*	
Radeon RX Vega - Renoir Ryzen 3 5300U			2312	693
NA	NA			
Radeon RX Vega M GH	6572	314	NA	NA
Radeon RX Vega M GL	3601	502	NA	NA
Radeon RX Vega Ryzen 3 5300U		2334	686	NA
NA				
Radeon Ryzen 3 3250U	794	1280	NA	NA
Radeon Ryzen 3 5300U	1574	912	NA	NA
Videocard Name				

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon Ryzen 3 5425U	1541	928	NA	NA
Radeon Ryzen 3 7330U	1617	894	NA	NA
Radeon Ryzen 3 7335U	2062	751	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	967	NA	NA
Radeon Ryzen 3 PRO 5450U	1778	843	NA	NA
Radeon Ryzen 3 PRO 5475U	1541	929	NA	NA

# Passmark G3D Mark-23082024.txt

Radeon Ryzen 3 PRO 7330U	2043	757	NA	NA
Radeon Ryzen 3 PRO 7335U	1954	789	NA	NA
Radeon Ryzen 5 3450U	1088	1084	NA	NA
Radeon Ryzen 5 4600GE with Radeon Graphics			1896	809
NA	NA			
Radeon Ryzen 5 5500GT	2675	618	NA	NA
Radeon Ryzen 5 5500U	2090	745	NA	NA
Radeon Ryzen 5 5560U	2040	759	NA	NA
Radeon Ryzen 5 5600GE	2554	638	NA	NA
Radeon Ryzen 5 5600GT	2641	622	NA	NA
Radeon Ryzen 5 5600H	2409	666	NA	NA
Radeon Ryzen 5 5600U	2113	736	NA	NA
Radeon Ryzen 5 5625U	2147	731	NA	NA
Radeon Ryzen 5 6600H	3738	485	NA	NA
Radeon Ryzen 5 6600HS Creator Edition	3754		482	NA
NA				
Radeon Ryzen 5 6600U	3394	527	NA	NA
Radeon Ryzen 5 7430U	2218	719	NA	NA
Radeon Ryzen 5 7530U	2222	717	NA	NA
Radeon Ryzen 5 7535HS	3698	489	NA	NA
Radeon Ryzen 5 7535U	3443	524	NA	NA
Radeon Ryzen 5 7600 6-Core	1835	829	NA	NA
Radeon Ryzen 5 7600X 6-Core	1751	847	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition			2098	743
NA	NA			
Radeon Ryzen 5 PRO 4655G	2375	672	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	678	NA	NA
Radeon Ryzen 5 PRO 5650G	2298	697	NA	NA
Radeon Ryzen 5 PRO 5650GE	2356	681	NA	NA
Radeon Ryzen 5 PRO 5675U	1914	803	NA	NA
Radeon Ryzen 5 PRO 6650U	3676	494	NA	NA
Radeon Ryzen 5 Pro 7535U	3050	565	NA	NA
Radeon Ryzen 5 PRO 7645 6-Core		1552	920	NA
NA				
Radeon Ryzen 7 3700U	1433	964	NA	NA
Radeon Ryzen 7 4700G	2613	627	NA	NA
Radeon Ryzen 7 4700GE	2610	629	NA	NA

# Passmark G3D Mark-23082024.txt

Radeon Ryzen 7 4700U	2041	758	NA	NA
Radeon Ryzen 7 4800H	3533	509	NA	NA
Radeon Ryzen 7 4800HS	3597	503	NA	NA
Radeon Ryzen 7 4800U	2316	691	NA	NA
Radeon Ryzen 7 5700U	2312	692	NA	NA
Radeon Ryzen 7 5800H	2825	590	NA	NA
Radeon Ryzen 7 5800HS	2506	652	NA	NA
Radeon Ryzen 7 5800U	2401	668	NA	NA
Radeon Ryzen 7 5825U	2380	670	NA	NA
Radeon Ryzen 7 6800H	5342	376	NA	NA

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon Ryzen 7 6800HS	6209	325	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5463	368	NA	NA
Radeon Ryzen 7 6800U	4543	432	NA	NA
Radeon Ryzen 7 7700 8-Core	1665	873	NA	NA
Radeon Ryzen 7 7700X 8-Core	2155	728	NA	NA
Radeon Ryzen 7 7730U	2453	658	NA	NA
Radeon Ryzen 7 7735H	5190	390	NA	NA
Radeon Ryzen 7 7735HS	5394	370	NA	NA
Radeon Ryzen 7 7735U	5208	387	NA	NA
Radeon Ryzen 7 7736U	5791	345	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1741	852	NA	NA
Radeon Ryzen 7 Microsoft Surface Edition		2292	698	

# Passmark G3D Mark-23082024.txt

NA	NA				
Radeon Ryzen 7 PRO 4750G	2593	633	NA	NA	
Radeon Ryzen 7 PRO 4750GE	2367	673	NA	NA	
Radeon Ryzen 7 PRO 4750U	2056	754	NA	NA	
Radeon Ryzen 7 PRO 5875U	1986	777	NA	NA	
Radeon Ryzen 7 PRO 6850H	5763	346	NA	NA	
Radeon Ryzen 7 PRO 6850HS	5026	403	NA	NA	
Radeon Ryzen 7 PRO 6850U	5185	391	NA	NA	
Radeon Ryzen 7 PRO 6860Z	4594	428	NA	NA	
Radeon Ryzen 7 PRO 7730U	2329	688	NA	NA	
Radeon Ryzen 7 Pro 7735U	4355	445	NA	NA	
Radeon Ryzen 7 PRO 7745 8-Core		1581	909	NA	
NA					
Radeon Ryzen 9 4900H	2553	639	NA	NA	
Radeon Ryzen 9 5900H	2960	574	NA	NA	
Radeon Ryzen 9 6900HS	7384	287	NA	NA	
Radeon Ryzen 9 7900 12-Core	2327	690	NA	NA	
Radeon Ryzen 9 7900X3D 12-Core		1655	875	NA	
NA					
Radeon Ryzen 9 7900X 12-Core		2601	631	NA	
NA					
Radeon Ryzen 9 7950X3D 16-Core		1597	904	NA	
NA					
Radeon Ryzen 9 7950X 16-Core		4103	459	NA	
NA					
Radeon Ryzen 9 PRO 6950HS	4250	452	NA	NA	
Radeon Ryzen 9 PRO 7945 12-Core		1711	861	NA	
NA					
Radeon Ryzen Embedded R2514		1482	952	NA	
NA					
Radeon Ryzen Embedded R2544		1864	816	NA	
NA					
Radeon Ryzen Embedded V2516		1527	934	NA	
NA					
Radeon Ryzen Embedded V2718		1998	771	NA	
NA					
Radeon Ryzen Embedded V2748		1842	825	NA	



# Passmark G3D Mark-23082024.txt

NA

Radeon Sky 500	4709	424	NA	NA	
Radeon TM	5559	360	NA	NA	
Radeon TM R9 A360		2105	740	NA	NA
Radeon VE	2	2562	NA	NA	
Radeon Vega 2	506	1611	NA	NA	
Radeon Vega 2 Athlon Silver 3050U			544	1563	NA

NA

Radeon Vega 3	888	1205	0.33	\$2,677.99*	
Radeon Vega 3 3020e		568	1530	NA	NA
Radeon Vega 3 Athlon 300GE	1044		1105	NA	NA
Radeon Vega 3 Athlon 300U	861		1223	NA	NA
Radeon Vega 3 Athlon 320GE	714		1362	NA	NA

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Radeon Vega 3 Athlon 3000G	1004	1125	NA	NA
Radeon Vega 3 Athlon Gold 3150U		597	1488	NA
NA				
Radeon Vega 3 Athlon PRO 300GE w/		935	1169	NA
NA				
Radeon Vega 3 Athlon Silver 3050e		507	1606	NA
NA				
Radeon Vega 3 Athlon Silver 3050U		855	1225	NA
NA				
Radeon Vega 3 Mobile	1034	1109	NA	NA
Radeon Vega 3 Ryzen 3 3200U		842	1234	NA

# Passmark G3D Mark-23082024.txt

NA						
Radeon Vega 3	Ryzen 3 3250U	800	1269	NA		
NA						
Radeon Vega 3	Ryzen Embedded R1305G		358	1753		
NA	NA					
Radeon Vega 3	Ryzen Embedded R1505G		724	1349		
NA	NA					
Radeon Vega 6	1310 997	0.73	\$1,799.99*			
Radeon Vega 6	Ryzen 3 3300U	1320	994	NA		
NA						
Radeon Vega 6	Ryzen 3 3350U	1546	924	NA		
NA						
Radeon Vega 6	Ryzen 3 PRO 3300U w/	1382	979	NA		
NA						
Radeon Vega 8	1582 908	12.47	\$126.86*			
Radeon Vega 8 Mobile	1425	970	NA	NA		
Radeon Vega 8	Ryzen 3 3200G	1939	792	NA		
NA						
Radeon Vega 8	Ryzen 3 PRO 3200G	1861	819	NA		
NA						
Radeon Vega 8	Ryzen 3 PRO 3200GE w/ 1488		947	NA		
NA						
Radeon Vega 8	Ryzen 5 3450U	1207	1032	NA		
NA						
Radeon Vega 8	Ryzen 5 3500U	1397	978	NA		
NA						
Radeon Vega 8	Ryzen 5 3550H	1694	865	NA		
NA						
Radeon Vega 8	Ryzen 5 PRO 3500U w/	1505	944	NA		
NA						
Radeon Vega 9	1596 905	NA	NA			
Radeon Vega 9	Ryzen 5 3550H	1561	918	NA		
NA						
Radeon Vega 9	Ryzen 5 Microsoft Surface Edition		1529	932		
NA	NA					
Radeon Vega 10	1565 917	NA	NA			
Radeon Vega 10 Mobile	1507 942	NA	NA	NA		

# Passmark G3D Mark-23082024.txt

Radeon Vega 10 Ryzen 7 PRO 3700U w/ 1642	880	NA
NA		
Radeon Vega 11 1840 826 NA	NA	
Radeon Vega 11 Ryzen 5 PRO 3350G 2362	676	NA
NA		
Radeon Vega 11 Ryzen 5 PRO 3400G 1925	797	NA
NA		
Radeon Vega 11 Ryzen 5 PRO 3400GE w/ NA NA	1922	799
Radeon Vega Frontier Edition 13225 145	7.87	
\$1,679.99*		
Radeon VII 16688 84 8.78	\$1,899.95*	
RADEON X300SE 38 2310 NA	NA	
RADEON X550 50 2257 NA	NA	
RADEON X550XT 56 2244 NA	NA	
Radeon X550XTX 70 2195 NA	NA	
RADEON X600 256MB HyperMemory 56	2243	NA
NA		
RADEON X600 PRO67 2212 0.42	\$160.49*	
RADEON X600 SE 49 2264 0.87	\$56.18*	
RADEON X600XT 91 2139 NA	NA	
RADEON X700 72 2189 NA	NA	
RADEON X700 PRO75 2180 NA	NA	
RADEON X700 SE 71 2193 NA	NA	
RADEON X800 GT 84 2157 NA	NA	
RADEON X800 GTO114 2066 NA	NA	
RADEON X800 PRO64 2219 NA	NA	

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

# Passmark G3D Mark-23082024.txt

Price

(USD)

RADEON X800 PRO/GTO	73	2186	NA	NA
RADEON X800 SE 129	2019	NA	NA	
RADEON X800 XL 69	2202	NA	NA	
RADEON X800 XT 97	2121	NA	NA	
RADEON X800 XT Platinum Edition		81	2169	NA
NA				
RADEON X800GT 79	2175	NA	NA	
RADEON X850 PRO72	2188	NA	NA	
RADEON X850 XT 81	2171	NA	NA	
RADEON X850 XT Platinum Edition		81	2163	NA
NA				
Radeon X1050 49	2263	NA	NA	
Radeon X1200 32	2343	NA	NA	
Radeon X1250 37	2315	NA	NA	
Radeon X1270 31	2348	NA	NA	
Radeon X1300 58	2235	0.61	\$95.78*	
Radeon X1300 PRO 84	2155	NA	NA	
Radeon X1550 66	2216	0.43	\$155.00*	
Radeon X1550 64-bit	47	2268	NA	NA
Radeon X1600 49	2261	NA	NA	
Radeon X1600 Pro 98	2114	NA	NA	
Radeon X1600 Pro / X1300XT 69	2203	NA	NA	NA
Radeon X1600 XT 115	2062	NA	NA	
Radeon X1650 GTO 74	2182	NA	NA	
Radeon X1650 Pro 84	2152	0.53	\$160.89*	
Radeon X1650 SE 71	2194	NA	NA	
Radeon X1700 Targa Edition	116	2058	NA	NA
Radeon X1800 GTO 140	1991	NA	NA	
Radeon X1900 CrossFire Edition		137	2001	NA
NA				
Radeon X1900 GT 145	1981	NA	NA	
Radeon X1950 CrossFire Edition		151	1967	NA
NA				
Radeon X1950 GT 106	2091	NA	NA	

# Passmark G3D Mark-23082024.txt

Radeon X1950 Pro	112	2073	NA	NA	
RADEON XPRESS 200		29	2354	NA	NA
RADEON XPRESS 200 CROSSFIRE			18	2395	NA
NA					
RADEON XPRESS 200M		22	2385	NA	NA
Radeon Xpress 1100		34	2332	NA	NA
Radeon Xpress 1150		29	2353	NA	NA
Radeon Xpress 1200		35	2323	NA	NA
Radeon Xpress 1250		42	2288	NA	NA
Radeon Xpress 1270		26	2364	NA	NA
Radeon Xpress 1300		52	2248	NA	NA
Radeon Xpress 1300M		40	2298	NA	NA
RadeonT 610M	1122	1065	NA	NA	
RadeonT 660M Ryzen 5 7535HS			4051	464	NA
NA					
RadeonT 680M Ryzen 7 7735HS			5650	353	NA
NA					
RadeonT 780M	7087	294	NA	NA	
RadeonT RX 6850M XT		13847	126	NA	NA
RadeonT RX Vega 11		1621	890	NA	NA
Rage 128 Pro	1	2571	NA	NA	
RAGE 128 PRO AGP 4X TMDS			1	2573	NA
NA					

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Rage Fury Pro/Xpert 2000 Pro	3	2534	NA	NA	
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# Passmark G3D Mark-23082024.txt

RDPDD Chained DD213	1894	NA	NA	
Red Hat QXL controller	31	2346	NA	NA
RGH Drivers v3 11	2415	NA	NA	
RIVA TNT2 Model 64/Model 64 Pro	3	2511	NA	
NA				
RIVA TNT2/TNT2 Pro	3	2523	NA	NA
RTX 500 Ada Generation Laptop GPU	11324	187	NA	
NA				
RTX 1000 Ada Generation Laptop GPU	14000	125	NA	
NA				
RTX 2000 Ada Generation	17287	79	NA	NA
RTX 2000 Ada Generation Laptop GPU	15335	107	NA	
NA				
RTX 3000 Ada Generation Laptop GPU	16421	90	NA	
NA				
RTX 3500 Ada Generation Laptop GPU	19426	61	NA	
NA				
RTX 4000 Ada Generation	24919	28	NA	NA
RTX 4000 Ada Generation Laptop GPU	22880	34	NA	
NA				
RTX 4000 SFF Ada Generation	21206	47	NA	NA
RTX 4500 Ada Generation	28261	16	NA	NA
RTX 5000 Ada Generation	25570	24	NA	NA
RTX 5000 Ada Generation Laptop GPU	23886	30	NA	
NA				
RTX 5880 Ada Generation	34568	4	NA	NA
RTX 6000 Ada Generation	28546	14	NA	NA
RTX A4003152 557	NA	NA		
RTX A500 Laptop GPU	6763	307	NA	NA
RTX A1000 6GB Laptop GPU	10186	203	NA	NA
RTX A1000 Embedded GPU	11368	185	NA	NA
RTX A1000 Laptop GPU	9468	220	NA	NA
RTX A2000 13766	132	24.94	\$551.99*	
RTX A2000 8GB Laptop GPU	10954	192	NA	NA
RTX A2000 12GB 13717	133	NA	NA	
RTX A2000 Laptop GPU	9946	208	NA	NA
RTX A3000 12GB Laptop GPU	14363	121	NA	NA

# Passmark G3D Mark-23082024.txt

RTX A3000 Laptop GPU	12550	158	NA	NA
RTX A4000	19398	63	25.86	\$749.99*
RTX A4000 Laptop GPU	15448	103	NA	NA
RTX A4500	21745	45	14.50	\$1,499.99*
RTX A4500 Embedded GPU	10916	193	NA	NA
RTX A4500 Laptop GPU	17521	76	NA	NA
RTX A5000	22850	35	10.25	\$2,229.99*
RTX A5000 Laptop GPU	15981	94	NA	NA
RTX A5500	22284	37	10.27	\$2,169.99*
RTX A5500 Laptop GPU	17360	77	NA	NA
RTX A6000	22270	39	5.42	\$4,109.99*
RV530 PRO	118	2051	NA	NA
Ryzen 3 4300G with Radeon Graphics		2052	755	NA
NA				
Ryzen 3 4300GE with Radeon Graphics		2271	704	NA
NA				
Ryzen 3 4300U with Radeon Graphics		1354	987	NA
NA				
Ryzen 3 5300G with Radeon Graphics		2004	769	NA
NA				
Ryzen 3 5300GE with Radeon Graphics		1917	801	NA
NA				
Ryzen 3 5300U with Radeon Graphics		1527	933	NA
NA				
Ryzen 3 5400U with Radeon Graphics		1576	911	NA
NA				

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

# Passmark G3D Mark-23082024.txt

Price

(USD)

Ryzen 3 5425U with Radeon Graphics	1667	872	NA
NA			
Ryzen 3 7330U with Radeon Graphics	1649	878	NA
NA			
Ryzen 3 PRO 4200GE with Radeon Graphics		1748	850
NA NA			
Ryzen 3 PRO 4300U with Radeon Graphics		1542	927
NA NA			
Ryzen 3 Pro 4350G with Radeon Graphics		2127	733
NA NA			
Ryzen 3 PRO 4350GE with Radeon Graphics		1905	805
NA NA			
Ryzen 3 PRO 4450U with Radeon Graphics		1543	926
NA NA			
Ryzen 3 PRO 5350G with Radeon Graphics		2329	689
NA NA			
Ryzen 3 PRO 5350GE with Radeon Graphics		1771	845
NA NA			
Ryzen 3 PRO 5450U with Radeon Graphics		1601	903
NA NA			
Ryzen 3 PRO 5475U with Radeon Graphics		1431	966
NA NA			
Ryzen 3 PRO 7330U with Radeon Graphics		1984	778
NA NA			
Ryzen 5 2500U with Radeon Vega	1503	945	NA
NA			
Ryzen 5 4500U with Radeon Graphics	1818	835	NA
NA			
Ryzen 5 4600G with Radeon Graphics	2379	671	NA
NA			
Ryzen 5 4600H with Radeon Graphics	2202	721	NA
NA			
Ryzen 5 4600HS with Radeon Graphics	8370	251	NA
NA			
Ryzen 5 4600U with Radeon Graphics	1898	808	NA



# Passmark G3D Mark-23082024.txt

NA			
Ryzen 5 5500U with Radeon Graphics	1991	773	NA
NA			
Ryzen 5 5560U with Radeon Graphics	2073	747	NA
NA			
Ryzen 5 5600G with Radeon Graphics	2582	637	NA
NA			
Ryzen 5 5600GE with Radeon Graphics	2601	630	NA
NA			
Ryzen 5 5600GT with Radeon Graphics	2006	767	NA
NA			
Ryzen 5 5600H with Radeon Graphics	2336	685	NA
NA			
Ryzen 5 5600U with Radeon Graphics	2178	723	NA
NA			
Ryzen 5 5625U with Radeon Graphics	1989	775	NA
NA			
Ryzen 5 6600H with Radeon Graphics	3525	512	NA
NA			
Ryzen 5 6600HS Creator Edition	3671	495	NA
NA			
Ryzen 5 6600U with Radeon Graphics	3233	546	NA
NA			
Ryzen 5 7530U with Radeon Graphics	2269	706	NA
NA			
Ryzen 5 7535U with Radeon Graphics	3529	511	NA
NA			
Ryzen 5 PRO 4400G with Radeon Graphics		2305	695
NA	NA		
Ryzen 5 PRO 4400GE with Radeon Graphics		1441	958
NA	NA		
Ryzen 5 PRO 4500U with Radeon Graphics		2007	766
NA	NA		
Ryzen 5 Pro 4650G with Radeon Graphics		2395	669
NA	NA		
Ryzen 5 PRO 4650GE with Radeon Graphics		2107	739
NA	NA		

# Passmark G3D Mark-23082024.txt

Ryzen 5 PRO 4650U with Radeon Graphics	1738	853
NA NA		
Ryzen 5 PRO 5650G with Radeon Graphics	2500	653
NA NA		
Ryzen 5 PRO 5650GE with Radeon Graphics	2435	663
NA NA		
Ryzen 5 PRO 5650U with Radeon Graphics	2047	756
NA NA		
Ryzen 5 PRO 5675U with Radeon Graphics	1719	858
NA NA		
Ryzen 5 PRO 6650U3519 513 NA	NA	
Ryzen 5 PRO 6650U with Radeon Graphics	3515	515
NA NA		
Ryzen 5 PRO 7530U with Radeon Graphics	1913	804
NA NA		
Ryzen 7 2700U with Radeon Vega 1617	893	NA
NA		
Ryzen 7 4700G with Radeon Graphics 2186	722	NA
NA		
Ryzen 7 4700GE with Radeon Graphics 2496	654	NA
NA		
Ryzen 7 4700U with Radeon Graphics 2034	760	NA
NA		
Ryzen 7 4800H with Radeon Graphics 2113	735	NA
NA		

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price

# Passmark G3D Mark-23082024.txt

(USD)

Ryzen 7 4800U with Radeon Graphics	2343	682	NA
NA			
Ryzen 7 5700G with Radeon Graphics	2791	596	NA
NA			
Ryzen 7 5700GE with Radeon Graphics	2771	597	NA
NA			
Ryzen 7 5700U with Radeon Graphics	2246	712	NA
NA			
Ryzen 7 5800H with Radeon Graphics	2740	603	NA
NA			
Ryzen 7 5800HS with Radeon Graphics	2917	579	NA
NA			
Ryzen 7 5800U with Radeon Graphics	2361	677	NA
NA			
Ryzen 7 5825U with Radeon Graphics	2342	684	NA
NA			
Ryzen 7 6800H	5247	382	NA
Ryzen 7 6800H with Radeon Graphics	4801	417	NA
NA			
Ryzen 7 6800HS	5237	384	NA
Ryzen 7 6800HS Creator Edition	5382	372	NA
NA			
Ryzen 7 6800HS with Radeon Graphics	6677	312	NA
NA			
Ryzen 7 6800U	5006	404	NA
Ryzen 7 6800U with Radeon Graphics	4829	415	NA
NA			
Ryzen 7 7730U with Radeon Graphics	2470	655	NA
NA			
Ryzen 7 7735HS with Radeon Graphics	5127	395	NA
NA			
Ryzen 7 7735U with Radeon Graphics	5215	385	NA
NA			
Ryzen 7 Extreme Edition	2226	715	NA
Ryzen 7 Pro 4750G with Radeon Graphics		2681	617
NA	NA		

# Passmark G3D Mark-23082024.txt

Ryzen 7 PRO 4750GE with Radeon Graphics	2549	642
NA NA		
Ryzen 7 PRO 4750U with Radeon Graphics	2029	761
NA NA		
Ryzen 7 PRO 5750G with Radeon Graphics	2440	659
NA NA		
Ryzen 7 PRO 5750GE with Radeon Graphics	2521	650
NA NA		
Ryzen 7 PRO 5850U with Radeon Graphics	2274	703
NA NA		
Ryzen 7 PRO 5875U with Radeon Graphics	2067	750
NA NA		
Ryzen 7 PRO 6850HS with Radeon Graphics	3736	487
NA NA		
Ryzen 7 PRO 6850U5580 354 NA	NA	
Ryzen 7 PRO 6850U with Radeon Graphics	5115	396
NA NA		
Ryzen 7 PRO 6860Z 5076 399 NA	NA	
Ryzen 7 PRO 6860Z with Radeon Graphics	4869	412
NA NA		
Ryzen 7 PRO 7730U with Radeon Graphics	2549	643
NA NA		
Ryzen 9 4900HS with Radeon Graphics 7418	286	NA
NA		
Ryzen 9 5900HS with Radeon Graphics 5570	356	NA
NA		
Ryzen 9 5900HX with Radeon Graphics 2890	581	NA
NA		
Ryzen 9 6900HS 8005 264 NA	NA	
Ryzen 9 6900HS with Radeon Graphics 6097	334	NA
NA		
Ryzen 9 6900HX with Radeon Graphics 5389	371	NA
NA		
Ryzen 9 PRO 6950H5758 347 NA	NA	
Ryzen 9 PRO 6950HS with Radeon Graphics	4704	425
NA NA		
S3 5400EW 146 1979 NA	NA	

# Passmark G3D Mark-23082024.txt

S3 Chrome 430 ULP 39	2304	NA	NA	
S3 Chrome S25 DDR2	18	2392	NA	NA
S3 Chrome S27 DDR3	33	2335	NA	NA
S3 Inc. Savage4 3	2532	NA	NA	
S3 ProSavageDDR 1	2570	NA	NA	
S3 SuperSavage/IXC 1014	1	2564	NA	NA
SAPPHIRE RADEON 9000 ATLANTIS PRO			5	2468
NA NA				
SAPPHIRE RADEON 9600 ATLANTIS	47		2271	NA
NA				

Videocard Name

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

Sapphire RADEON X800 GT	112	2076	NA	NA
SAPPHIRE Radeon X1550	61	2226	NA	NA
Seria Mobility Radeon HD 3400		124	2029	NA
NA				
Seria Radeon HD 7700	1603	902	NA	NA
Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP				2533
646 NA NA				
Snapdragon X Elite - X1E80100 - Qualcomm Adreno GP				2610
628 NA NA				
Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP				2953
575 NA NA				
Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU				2590
634 NA NA				
SUMO 964A	497	1618	NA	NA

# Passmark G3D Mark-23082024.txt

SUMO 9640	650	1419	NA	NA	
SUMO 9644	465	1653	NA	NA	
SuperDisplay Virtual Adapter		10390	200	NA	NA
Surface Duo Adreno 640 GPU	592		1496	NA	NA
T400 3632	501	24.22	\$149.99		
T400 4GB 3733	488	NA	NA		
T500 3681	492	NA	NA		
T550 Laptop GPU	4843	414	NA	NA	
T600 6466	317	26.95	\$239.99*		
T600 Laptop GPU	7071	295	NA	NA	
T1000 7635	278	15.30	\$499.00		
T1000 8GB	7594	279	NA	NA	
T1200 Laptop GPU	7843	271	NA	NA	
TENSOR 1.0 Driver Intel HD 630			1299	1003	NA
NA					
Tesla C2050	3175	553	11.76	\$269.99*	
Tesla C2050 / C2070		3428	525	NA	NA
Tesla C2070	2839	586	4.70	\$604.00*	
Tesla C2075	3016	569	4.67	\$646.00*	
Tesla K20m	4432	441	NA	NA	
Tesla K20Xm	2917	578	0.38	\$7,699.00*	
Tesla K40c	4494	436	NA	NA	
Tesla K40m	3281	540	NA	NA	
Tesla K80 5852	342	9.85	\$593.95*		
Tesla M6 6284	322	31.58	\$199.00*		
Tesla M10	3171	554	1.18	\$2,695.00*	
Tesla M40	10376	202	17.29	\$600.00*	
Tesla M40 24GB	10417	199	NA	NA	
Tesla M60	7551	282	9.58	\$787.90*	
Tesla M2070-Q	1305	1000	NA	NA	
Tesla P4 8767	239	NA	NA		
Tesla P40 12498	160	NA	NA		
Tesla P100-PCIE-16GB		7225	291	1.27	
\$5,699.00*					
Tesla T4 10832	194	2.45	\$4,420.46*		
Tesla T10 12650	155	NA	NA		
Tesla V100-PCIE-16GB		12328	166	NA	NA

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TITAN RTX	19950	52	7.98	\$2,499.00*	
TITAN V 19742	57	9.87	\$1,999.99*		
TITAN V CEO Edition		16987	83	NA	NA
TITAN Xp COLLECTORS EDITION			19070	65	NA
NA					
TRINITY DEVASTATOR MOBILE			699	1375	NA
NA					
Videocard Name					

Passmark G3D Mark  
(higher is better)

Rank  
(lower is better)

Videocard Value  
(higher is better)

Price  
(USD)

TRINITY SCRAPPER MOBILE	498	1617	NA	NA
V9560XT 6	2444	NA	NA	
Vanta/Vanta LT	3	2536	NA	NA
VIA Chrome9 HC3 IGP	2	2547	NA	NA
VIA Chrome9 HC IGP	4	2497	NA	NA
VIA Chrome9 HC IGP Family	3	2509	NA	NA
VIA Chrome9 HC IGP Family WDDM		3	2521	NA
NA				
VIA Chrome9 HC IGP Prerelease WDDM 1.1			2	2560
NA	NA			
VIA Chrome9 HC IGP WDDM	2	2543	NA	NA
VIA Chrome9 HC IGP WDDM 1.1		3	2525	NA
NA				
VIA Chrome9 HCM IGP	1	2568	NA	NA
VIA Chrome9 HD IGP	9	2420	NA	NA
VIA/S3G C-645/640 GPU	132	2015	NA	NA
VIA/S3G Chrome 645/640 GPU		109	2086	NA

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NA

VIA/S3G DeltaChrome IGP	3	2527	NA	NA
VIA/S3G KM400/KN400	4	2503	NA	NA
VIA/S3G UniChrome IGP	4	2498	NA	NA
VIA/S3G UniChrome Pro IGP	4	2483	NA	NA
VIA/S3G UniChromell	5	2452	NA	NA
Virtual Display Device	1636	885	NA	NA
VisionTek Radeon 7000	1	2565	NA	NA
WinFast A250 LE	4	2478	NA	NA
Xabre	5	2469	NA	NA
XGI Volari Family v1.13.23.D_V		4	2488	NA

NA

ZX C-1080	351	1760	NA	NA
ZX Chrome 645/640 GPU	147	1978	NA	NA

\* - Last price seen from our affiliates.

## Software

BurnInTest  
 PerformanceTest  
 OSForensics  
 MemTest86  
 WirelessMon  
 Management Console  
 Zoom Search Engine  
 Free Software

## Hardware

USB3.0 Loopback Plugs  
 USB2.0 Loopback Plugs  
 PCIe Test Cards  
 USB Power Delivery Tester  
 Serial and Parallel Loopback Plugs  
 USB Short Circuit Testers

## Benchmarks



CPU Benchmarks  
Video Card Benchmarks  
Hard Drive Benchmarks  
RAM Benchmarks  
PC Systems Benchmarks  
Software Marketshare  
Database Benchmarks  
Android Benchmarks  
iOS Benchmarks  
Internet Bandwidth

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