



Video Card



Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

Video Card List

Below is an alphabetical list of all Video Card types that appear in the charts. Clicking on a specific Videocard chart it appears in and will highlight it for you.

Single Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
FireMV 2200 PCI	1	2416	NA
Intel 82852/82855 GM/GME Controller	1	2413	NA
Intel Extreme Controller	1	2404	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
GeForce2 MX with TV Out	2	2394	NA
GeForce3 Ti 500	2	2396	NA
Intel 82845G Controller	2	2402	NA
Intel 82845G/GL Controller	2	2391	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2382	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2390	NA
Intel 946GZ Express	2	2379	NA
Intel GMA 3150 Express	2	2397	NA
Intel Media Accelerator 3150	2	2381	NA
MOBILITY RADEON 9100 IGP	2	2380	NA
Quadro NVS 280 SD	2	2399	NA
Radeon 7000 / Radeon VE	2	2388	NA
RADEON 7200	2	2383	0.00
RADEON 9200 LE Family	2	2392	NA
RADEON 9200 PRO Family	2	2384	NA
RADEON 9200 SE	2	2395	NA
RADEON 9250	2	2393	0.01
Radeon IGP 340M	2	2398	NA
RADEON IGP 345M	2	2387	NA
Radeon VE	2	2403	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2401	NA
VIA Chrome9 HC IGP WDDM	2	2385	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Intel 805 Embedded Controller	3	2350	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Intel 946GZ Embedded Chipset	3	2371	NA
Intel Media Accelerator 500	3	2363	NA
Matrox Parhelia 128MB	3	2365	0.01
MOBILITY RADEON 7500	3	2359	NA
MOBILITY RADEON 9000	3	2369	NA
MOBILITY RADEON 9200	3	2378	NA
RADEON 7000 / RADEON VE Family	3	2351	NA
RADEON 7500	3	2372	0.02
RADEON 9000 Family	3	2361	NA
RADEON 9200	3	2358	0.02
RADEON IGP 320	3	2353	NA
Radeon IGP 320M	3	2360	NA
Rage Fury Pro/Xpert 2000 Pro	3	2375	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2352	NA
RIVA TNT2/TNT2 Pro	3	2364	NA
S3 Inc. Savage4	3	2373	NA
Vanta/Vanta LT	3	2377	NA
VIA Chrome9 HC IGP Family	3	2350	NA
VIA Chrome9 HC IGP Family WDDM	3	2362	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2366	NA
VIA Chrome9 HC IGP WDDM 1.1.1	3	2355	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GeForce4 MX 440</u>	4	2331	NA
<u>GeForce4 MX 440 with AGP8X</u>	4	2318	NA
<u>GeForce4 MX 440SE</u>	4	2330	NA
<u>GeForce4 MX 460</u>	4	2340	NA
<u>Intel 82865G Controller</u>	4	2325	NA
<u>Intel 915G,910G Express</u>	4	2345	NA
<u>Intel 915G/915GV/910GL Embedded Controller Function 0</u>	4	2326	NA
<u>Intel 945G Embedded Chipset Function 0</u>	4	2333	NA
<u>MOBILITY FIREGL 7800</u>	4	2322	NA
<u>MOBILITY/RADEON 9000</u>	4	2342	NA
<u>Quadro2 MXR/EX</u>	4	2332	NA
<u>Quadro4 900 XGL</u>	4	2315	NA
<u>RADEON 7500 Family</u>	4	2323	NA
<u>RADEON 9000</u>	4	2327	NA
<u>VIA Chrome9 HC IGP</u>	4	2338	NA
<u>VIA/S3G KM400/KN400</u>	4	2344	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>VIA/S3G UniChrome IGP</u>	4	2339	NA
<u>VIA/S3G UniChrome Pro IGP</u>	4	2324	NA
<u>WinFast A250 LE</u>	4	2319	NA
<u>XGI Volari Family v1.13.23.D_V</u>	4	2329	NA
<u>ALL-IN-WONDER RADEON 8500DV</u>	5	2302	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>MOBILITY RADEON 9000/9100 IGP</u>	5	2299	NA
<u>NVIDIA GeForce3 Ti200</u>	5	2297	NA
<u>Quadro 280 NVS PCIe</u>	5	2296	NA
<u>Quadro4 980 XGL</u>	5	2313	0.01
<u>RADEON 9100 IGP</u>	5	2306	NA
<u>SAPPHIRE RADEON 9000 ATLANTIS PRO</u>	5	2310	NA
<u>VIA/S3G UniChromell</u>	5	2293	NA
<u>Xabre</u>	5	2311	NA
<u>GeForce PCX 5300</u>	6	2288	NA
<u>GeForce2 Ultra</u>	6	2286	NA
<u>GeForce4 MX Integrated GPU</u>	6	2284	NA
<u>GeForce4 Ti 4800 SE</u>	6	2280	NA
<u>Intel Media Accelerator 600</u>	6	2279	NA
<u>Matrox Millennium P690 Plus LP PCIe x16</u>	6	2281	NA
<u>MOBILITY RADEON 7000 IGP</u>	6	2287	NA
<u>Quadro NVS 55/280 PCI</u>	6	2290	NA
<u>Quadro4 380 XGL</u>	6	2282	NA
<u>RADEON 8500 Family</u>	6	2283	NA
<u>RADEON 9100 Family</u>	6	2289	NA
<u>RADEON IGP 350M</u>	6	2291	NA
<u>V9560XT</u>	6	2285	NA
<u>ASUS V9520-X V62.11</u>	7	2273	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Mobile Intel 965 Express - BR-U9U7-U461 V1839</u>	8	2208	NA
<u>Quadro NVS 280 PCI</u>	8	2269	0.06
<u>ASUS A7000</u>	9	2262	NA
<u>GeForce FX 5600XT</u>	9	2263	NA
<u>Matrox Parhelia 256MB</u>	9	2260	NA
<u>VIA Chrome9 HD IGP</u>	9	2261	NA
<u>Master X3100 Driver</u>	10	2258	NA
<u>MOBILITY IGP 9000/9100</u>	10	2259	NA
<u>FireMV 2400 PCIe</u>	11	2255	NA
<u>GeForce FX 5200SE</u>	11	2254	NA
<u>PHDGD Solo 1.2.0 x86</u>	11	2257	NA
<u>RGH Drivers v3</u>	11	2256	NA
<u>GeForce 7000M / nForce 610M</u>	12	2249	NA
<u>GeForce FX 5200 Ultra</u>	12	2252	NA
<u>GeForce FX 5600</u>	12	2250	NA
<u>GeForce FX Go5300</u>	12	2251	NA
<u>Intel 82945G Express</u>	12	2253	NA
<u>GeForce 7000M</u>	13	2248	NA
<u>Quadro FX 500/600 PCI</u>	14	2246	NA
<u>Radeon HD 2400 PCI</u>	14	2247	NA
<u>GeForce Go 6200</u>	15	2245	NA
<u>NV44</u>	15	2244	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GeForce Go 6150</u>	19	2231	NA
<u>Matrox M9120 PCIe x16</u>	19	2230	NA
<u>PHDGD Solo 2 x64</u>	20	2229	NA
<u>Quadro NVS 210S / GeForce 6150LE</u>	20	2228	NA
<u>GeForce 6150</u>	21	2227	<u>0.07</u>
<u>RADEON A9800XT</u>	22	2225	NA
<u>RADEON XPRESS 200M</u>	22	2226	NA
<u>ALL-IN-WONDER 9800</u>	23	2222	NA
<u>GeForce 6100 nForce 430</u>	23	2224	NA
<u>GeForce 7200 GS</u>	23	2223	NA
<u>Matrox M9140 LP PCIe x16</u>	23	2221	NA
<u>Quadro NVS 210S</u>	23	2219	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>RADEON 9800 SE</u>	23	2220	NA
<u>GeForce 6150SE</u>	24	2215	NA
<u>GeForce FX 5700LE</u>	24	2216	NA
<u>GeForce Go 6400</u>	24	2217	NA
<u>Mobile Intel 965 Express-Chipsatzfamilie</u>	24	2218	NA
<u>MOBILITY RADEON 9600 PRO TURBO</u>	24	2214	NA
<u>GeForce 6100 nForce 400</u>	25	2211	NA
<u>GeForce 6100 nForce 420</u>	25	2210	NA
<u>GeForce 7050 / nForce 610i</u>	25	2212	NA
<u>Matrox M9120 LP PCIe x16</u>	25	2225	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GeForce 6100 nForce 400</u>	29	2195	NA
<u>Radeon 9550 / X1050</u>	29	2197	NA
<u>Radeon Xpress 1150</u>	29	2194	NA
<u>RADEON XPRESS 200</u>	29	2196	NA
<u>All-in-Wonder X1800XL</u>	30	2193	NA
<u>FireGL T2-128</u>	30	2191	NA
<u>MOBILITY RADEON 9550</u>	30	2192	NA
<u>GeForce 6150SE nForce 430</u>	31	2189	NA
<u>GeForce 7050 PV / nForce 630a</u>	31	2188	NA
<u>Matrox M9128 LP PCIe x16</u>	31	2186	NA
<u>Radeon X1270</u>	31	2190	NA
<u>Red Hat QXL controller</u>	31	2187	NA
<u>GeForce 6200 A-LE</u>	32	2185	NA
<u>GeForce 7025 / nForce 630a</u>	32	2183	NA
<u>GeForce FX 5900ZT</u>	32	2182	NA
<u>Intel Media Accelerator</u>	32	2181	NA
<u>Radeon X1200</u>	32	2184	NA
<u>GeForce 6150 LE</u>	33	2177	NA
<u>GeForce 7150 / nForce 630i</u>	33	2180	NA
<u>GeForce FX 5700VE</u>	33	2179	NA
<u>MOBILITY FIREGL T2/T2e</u>	33	2175	NA
<u>Mobility Radeon X1450</u>	33	2178	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>RADEON 9600 X1</u>	35	2163	NA
<u>Radeon Xpress 1200</u>	35	2163	NA
<u>CONNECT 3D RADEON X300</u>	36	2158	NA
<u>FireMV 2200 PCIe</u>	36	2160	0.40
<u>Matrox G200eR</u>	36	2157	NA
<u>MOBILITY RADEON 9600</u>	36	2161	NA
<u>RADEON 9500</u>	36	2159	0.90
<u>256MB DDR Radeon 9800 XT</u>	37	2153	NA
<u>GeForce 6200SE TurboCache</u>	37	2156	NA
<u>GeForce 7050 / nForce 630i</u>	37	2152	NA
<u>Quadro NVS 440</u>	37	2154	0.16
<u>Radeon X1250</u>	37	2155	NA
<u>GeForce 6500</u>	38	2149	NA
<u>Mobile Intel - famiglia Express Chipset 45</u>	38	2148	NA
<u>Quadro NVS 285 128MB</u>	38	2150	0.70
<u>RADEON X300SE</u>	38	2151	NA
<u>GeForce 7300 SE</u>	39	2147	NA
<u>Matrox G200eW</u>	39	2143	NA
<u>MOBILITY RADEON 9600/9700</u>	39	2146	NA
<u>Mobility Radeon X1300</u>	39	2144	NA
<u>Mobility Radeon X1350</u>	39	2142	NA
<u>S3 Chrome 430 ULP</u>	39	2145	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
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Video Card



<u>Quadro NVS 285</u>	42	2131	<u>0.25</u>
<u>RADEON 9600 PRO</u>	42	2128	NA
<u>Radeon Xpress 1250</u>	42	2129	NA
<u>Mobile Intel 45 Express</u>	43	2126	NA
<u>GeForce Go 6600 TE/6200 TE</u>	44	2121	NA
<u>Mobile Intel 4 Express-Chipsatzfamilie</u>	44	2124	NA
<u>Mobile Intel serie 4 Express</u>	44	2123	NA
<u>MOBILITY FireGL V5200</u>	44	2120	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Quadro FX 350M</u>	44	2122	NA
<u>Radeon 9700 TX w/TV-Out</u>	44	2125	NA
<u>FireMV 2250</u>	45	2117	<u>0.44</u>
<u>GeForce Go 7200</u>	45	2119	NA
<u>Matrox G200eR WDDM 1.2</u>	45	2118	NA
<u>Matrox G200eh WDDM 2.0</u>	46	2115	NA
<u>MOBILITY RADEON 9800</u>	46	2116	NA
<u>Quadro NVS 120M</u>	46	2114	NA
<u>GeForce 7300 SE/7200 GS</u>	47	2110	NA
<u>Quadro NVS 110M</u>	47	2112	NA
<u>Radeon X1550 64-bit</u>	47	2111	NA
<u>SAPPHIRE RADEON 9600 ATLANTIS</u>	47	2113	NA
<u>Mobility Radeon X2300</u>	48	2109	NA
<u>Mobility Radeon X1600</u>	48	2108	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GeForce FX G05/00</u>	51	2090	NA
<u>Matrox G200eh WDDM 1.2</u>	51	2093	NA
<u>RADEON E2400</u>	51	2095	NA
<u>FireGL V3100</u>	52	2090	NA
<u>GeForce Go 7300</u>	52	2092	NA
<u>Radeon Xpress 1300</u>	52	2091	NA
<u>GeForce 6200 TurboCache</u>	53	2089	NA
<u>RADEON 9700 PRO</u>	53	2088	NA
<u>Intel - Express Chipset G41</u>	56	2085	NA
<u>RADEON 9800 XT</u>	56	2084	NA
<u>RADEON X550XT</u>	56	2087	NA
<u>RADEON X600 256MB HyperMemory</u>	56	2086	NA
<u>Intel - Express Chipset Q45/Q43</u>	57	2080	NA
<u>Intel G41 Express-Chipsatz</u>	57	2082	NA
<u>Intel Q45/Q43 Express-Chipsatz</u>	57	2083	NA
<u>RADEON 9800</u>	57	2081	<u>0.18</u>
<u>GeForce 6800 XE</u>	58	2076	NA
<u>GeForce 8400M G</u>	58	2078	NA
<u>Intel G33/G31 Express</u>	58	2077	NA
<u>Radeon X1300</u>	58	2079	<u>0.61</u>
<u>FireGL X1</u>	59	2075	NA
<u>GeForce FX 5950 Ultra</u>	59	2074	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GeForce G 105M</u>	64	2062	NA
<u>RADEON X800 PRO</u>	64	2061	NA
<u>GeForce Go 7400</u>	65	2059	NA
<u>GeForce 8400M GT</u>	66	2054	NA
<u>Intel B43 Express Chipset</u>	66	2058	NA
<u>Mobility Radeon HD 4225</u>	66	2057	NA
<u>MOBILITY RADEON X700</u>	66	2053	NA
<u>Quadro NVS 135M</u>	66	2055	NA
<u>Radeon X1550</u>	66	2056	<u>0.43</u>
<u>GeForce 9400M</u>	67	2050	NA
<u>GeForce 9400M G</u>	67	2051	NA
<u>Intel G45/G43/G41 Express Chipset</u>	67	2048	NA
<u>Matrox G200eR WDDM 2.0</u>	67	2049	NA
<u>RADEON X600 PRO</u>	67	2052	<u>0.42</u>
<u>FireGL V3350</u>	68	2045	NA
<u>GeForce 8400 SE</u>	68	2046	NA
<u>GeForce 9100M G</u>	68	2047	NA
<u>BASICDISPLAY</u>	69	2039	NA
<u>GeForce Go 6600</u>	69	2040	NA
<u>Quadro FX 3000</u>	69	2044	<u>0.41</u>
<u>Quadro NVS 140M</u>	69	2043	NA
<u>Quadro NVS 420</u>	69	2038	<u>0.47</u>

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
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Video Card



<u>RADEON X700</u>	72	2021	NA
<u>RADEON X850 PRO</u>	72	2026	NA
<u>FireMV 2450</u>	73	2022	NA
<u>Mobility Radeon HD 4300 Serisi</u>	73	2025	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Radeon 3100</u>	73	2023	<u>0.34</u>
<u>RADEON X800 PRO/GTO</u>	73	2024	NA
<u>GeForce 7350 LE</u>	74	2021	NA
<u>Radeon X1650 GTO</u>	74	2020	NA
<u>M860G with Mobility Radeon 4100</u>	75	2019	NA
<u>RADEON X700 PRO</u>	75	2018	NA
<u>GeForce 9300 GE</u>	76	2017	<u>3.32</u>
<u>Radeon HD 2350</u>	76	2016	NA
<u>GeForce 7300 GS</u>	78	2015	NA
<u>GeForce 8100 / nForce 720a</u>	79	2014	NA
<u>Quadro NVS 295</u>	79	2012	<u>1.27</u>
<u>RADEON X800GT</u>	79	2013	NA
<u>GeForce 7300 LE</u>	80	2011	<u>2.50</u>
<u>Quadro FX 540</u>	80	2010	<u>1.35</u>
<u>GeForce 8400</u>	81	2006	<u>0.14</u>
<u>GeForce 9100</u>	81	2000	NA
<u>GeForce 9300 SE</u>	81	2004	NA
<u>RADEON X700</u>	81	2003	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GeForce 9300M G</u>	84	1991	NA
<u>ION</u>	84	1994	<u>0.37</u>
<u>Radeon X1300 PRO</u>	84	1993	NA
<u>Radeon X1650 Pro</u>	84	1990	<u>0.53</u>
<u>RADEON X800 GT</u>	84	1995	NA
<u>GeForce 6600</u>	85	1988	<u>0.32</u>
<u>Quadro FX 350</u>	85	1987	NA
<u>Quadro FX 360M</u>	86	1986	NA
<u>Intel G45/G43 Express Chipset</u>	87	1985	NA
<u>GeForce 6610 XL</u>	88	1984	NA
<u>GeForce 7500 LE</u>	89	1983	NA
<u>GeForce 9300M GS</u>	89	1981	<u>2.07</u>
<u>Mobility Radeon HD 2400</u>	89	1982	NA
<u>GeForce 8600M GT</u>	90	1979	<u>0.83</u>
<u>Intel G41 Express Chipset</u>	90	1980	NA
<u>Mobility Radeon HD 4200</u>	90	1978	NA
<u>GeForce 8600 GS</u>	91	1974	NA
<u>GeForce G205M</u>	91	1976	NA
<u>Mobility Radeon HD 3450</u>	91	1977	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>RADEON X600XT</u>	91	1975	NA
<u>FireGL V5100</u>	92	1971	<u>0.81</u>
<u>ATI Radeon X1600</u>	92	1972	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
GeForce 9300GE	97	1957	1.07
ION LE	97	1956	NA
Quadro NVS 130M	97	1959	NA
RADEON X800 XT	97	1958	NA
GeForce 8400M GS	98	1955	1.25
GeForce 9400	98	1949	NA
GeForce G210	98	1950	0.80
Intel Q35 Express	98	1951	NA
Mobility Radeon HD 3430	98	1954	NA
Mobility Radeon HD 4250	98	1952	NA
Radeon 3000	98	1953	0.31
Radeon X1600 Pro	98	1948	NA
Quadro NVS 160M	99	1947	NA
GeForce 210	100	1946	1.85
GeForce 8300 GS	100	1943	NA
GeForce 9400 GT	100	1945	0.63
Intel Media Accelerator HD	100	1944	NA
GeForce 8300	101	1941	4.48
Quadro FX 4000	101	1942	NA
Quadro FX Go1400	101	1940	NA
GeForce 6800 GS/XT	102	1936	NA
GeForce 9300 GS	102	1937	1.71



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
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Video Card



videocard name	(higher is better)	(lower is better)	(higher is better)
<u>GeForce9400M</u>	105	1924	NA
<u>Radeon HD 6290</u>	105	1927	NA
<u>GeForce Go 6800</u>	106	1923	NA
<u>Matrox G200e WDDM 2.0</u>	106	1921	NA
<u>Radeon Infoshock 3000</u>	106	1920	NA
<u>Radeon X1950 GT</u>	106	1922	NA
<u>Radeon HD 4350</u>	107	1919	<u>1.05</u>
<u>Quadro FX 370 LP</u>	108	1918	NA
<u>Radeon HD 4330</u>	108	1917	NA
<u>GeForce 6800 LE</u>	109	1915	NA
<u>Radeon HD 4270</u>	109	1914	NA
<u>VIA/S3G Chrome 645/640 GPU</u>	109	1916	NA
<u>FireGL V7350</u>	110	1912	<u>0.93</u>
<u>Radeon HD 2600 Pro AGP</u>	110	1913	NA
<u>GeForce 310M</u>	111	1911	NA
<u>GeForce 9200M GS</u>	111	1909	NA
<u>Mobility Radeon HD 3400 Series</u>	111	1910	NA
<u>NVS 300</u>	111	1908	<u>1.77</u>
<u>Radeon HD 4200</u>	111	1907	NA
<u>FirePro 2260</u>	112	1903	NA
<u>GeForce 6800</u>	112	1904	<u>0.20</u>
<u>GeForce 6800</u>	112	1904	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Radeon X1600 X1	115	1891	NA
FireGL V7200	116	1890	NA
GeForce 8600 GT	116	1888	0.60
PHDGD Quantic C3	116	1887	NA
Radeon X1700 Targa Edition	116	1889	NA
FireMV 2260	117	1885	1.33
GeForce 9600M GS	117	1884	NA
Mobile Intel 45 Express-Chipsatzfamilie	117	1886	NA
Qualcomm Adreno 540 GPU	118	1883	NA
Radeon HD 2400 XT	118	1881	NA
RV530 PRO	118	1882	NA
GeForce 505	119	1880	1.04
Extreme AX850 PRO	120	1879	NA
GeForce 310	120	1877	1.11
GeForce 405	120	1878	4.89
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Quadro FX 380M	120	1875	NA
Radeon HD 2400	120	1876	1.37
GeForce 9500M G	121	1874	NA
GeForce GT 220M	121	1873	NA
Qualcomm Adreno 618 GPU	122	1872	NA
Radeon HD 4250	122	1870	NA
GeForce 405	122	1871	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Quadro NVS 320M</u>	127	1858	NA
<u>FireGL V7300</u>	128	1854	<u>0.11</u>
<u>GeForce 6800 XT</u>	128	1856	NA
<u>GeForce 9300 / nForce 730i</u>	128	1852	NA
<u>Radeon HD 3470</u>	128	1855	<u>1.17</u>
<u>Radeon HD 7310</u>	128	1853	NA
<u>Mobility Radeon HD 3650</u>	129	1851	<u>1.76</u>
<u>RADEON X800 SE</u>	129	1850	NA
<u>MOBILITY RADEON X1800</u>	130	1849	NA
<u>Quadro FX 380 LP</u>	130	1848	NA
<u>Quadro FX 1600M</u>	131	1847	<u>0.87</u>
<u>Quadro FX 380</u>	131	1846	<u>1.81</u>
<u>Radeon HD 3450</u>	131	1845	<u>1.48</u>
<u>VIA/S3G C-645/640 GPU</u>	132	1844	NA
<u>Radeon R5 220</u>	133	1843	<u>1.56</u>
<u>EAH5450</u>	134	1841	<u>1.22</u>
<u>GeForce 7650 GS</u>	134	1842	NA
<u>GeForce 9800 GT 1024MB</u>	134	1840	NA
<u>Mobility Radeon X1900</u>	134	1839	NA
<u>Mobility Radeon HD 4330</u>	135	1838	NA
<u>GeForce 7300 GT</u>	136	1836	<u>0.91</u>
<u>GeForce 8400 GS</u>	136	1835	<u>1.59</u>

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Intel Haswell HD - GT2</u>	139	1824	NA
<u>NVS 2100M</u>	139	1822	NA
<u>nForce 760i SLI</u>	140	1821	NA
<u>Radeon HD 4290</u>	140	1818	NA
<u>Radeon HD 6290M</u>	140	1820	NA
<u>RADEON HD 6350</u>	140	1817	<u>2.39</u>
<u>Radeon X1800 GTO</u>	140	1819	NA
<u>GeForce 6800 GT</u>	142	1816	NA
<u>GeForce 9200M GE</u>	143	1814	NA
<u>Radeon HD 6300M</u>	143	1815	NA
<u>FirePro 2270</u>	144	1813	<u>1.08</u>
<u>Radeon X1900 GT</u>	145	1811	NA
<u>S3 5400EW</u>	145	1812	NA
<u>GeForce GT 130M</u>	146	1810	NA
<u>GeForce Go 7700</u>	147	1808	NA
<u>ZX Chrome 645/640 GPU</u>	147	1809	NA
<u>Mobility Radeon HD 4350</u>	148	1806	NA
<u>Quadro 400</u>	148	1805	<u>0.70</u>
<u>Quadro FX 3450</u>	148	1804	<u>1.24</u>
<u>Radeon HD 6320</u>	148	1807	<u>0.27</u>
<u>GeForce 305M</u>	150	1802	NA
<u>Radeon HD 3650 AGP</u>	150	1803	<u>0.81</u>

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 8350</u>	162	1789	<u>1.63</u>
<u>GeForce 9200</u>	165	1787	NA
<u>Intel HD manual-gen9_2015-133271</u>	165	1786	NA
<u>Radeon HD 7350</u>	165	1788	NA
<u>Radeon HD 7310M</u>	166	1785	NA
<u>Mobility Radeon HD 2600</u>	167	1784	NA
<u>GeForce GT 120</u>	168	1783	<u>5.63</u>
<u>GeForce GT 325M</u>	169	1782	NA
<u>FirePro 2460</u>	170	1780	<u>2.03</u>
<u>Quadro FX 770M</u>	170	1781	<u>0.32</u>
<u>Radeon HDG 4670</u>	170	1779	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Quadro FX 1500M</u>	171	1778	NA
<u>Quadro FX 1700M</u>	172	1777	NA
<u>Mobility Radeon HD 530v</u>	174	1775	NA
<u>Radeon HD 7310 - Carte graphique</u>	174	1776	NA
<u>GeForce Go 7900 GS</u>	176	1774	NA
<u>GeForce 7800 GS</u>	177	1773	NA
<u>FirePro 3D V3700</u>	178	1772	<u>2.10</u>
<u>FireGL V3600</u>	179	1770	<u>1.12</u>
<u>Radeon HD 6230</u>	179	1771	NA
<u>Barco MXRT 7100</u>	180	1769	NA
<u>FirePro V3700</u>	182	1768	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 7340G</u>	190	1753	NA
<u>Quadro FX 1500</u>	197	1754	<u>1.71</u>
<u>Radeon HD 6320M</u>	198	1753	NA
<u>Radeon HD 6450</u>	198	1752	<u>2.24</u>
<u>Mobility Radeon HD 545v</u>	199	1750	NA
<u>RADEON HD7450</u>	199	1751	<u>8.95</u>
<u>GeForce 7600 GT</u>	201	1749	<u>1.01</u>
<u>GeForce 7950 GX2</u>	201	1748	<u>3.67</u>
<u>GeForce GT 230M</u>	203	1746	NA
<u>GeForce GT 240M</u>	203	1747	NA
<u>Barco MXRT 1450</u>	205	1744	NA
<u>Intel 2nd Generation SandyBridge HD 3000</u>	205	1745	NA
<u>Radeon R3E</u>	205	1743	NA
<u>Quadro NVS 290</u>	207	1741	<u>3.52</u>
<u>Radeon HD 4650 AGP</u>	207	1740	NA
<u>Radeon HD 6380G</u>	207	1742	<u>0.52</u>
<u>GeForce 9700M GT</u>	208	1739	NA
<u>GeForce GT 330M</u>	208	1738	NA
<u>GeForce 320M</u>	209	1735	NA
<u>GeForce Go 7800 GTX</u>	209	1736	NA
<u>Radeon HD 8250</u>	209	1737	NA
<u>GeForce Go 7600 GT</u>	210	1734	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 7340M</u>	221	1721	NA
<u>Radeon R5 230</u>	221	1720	<u>2.74</u>
<u>Intel G965 Express</u>	222	1718	NA
<u>Intel Q965/Q963 Express</u>	222	1719	NA
<u>GT 430</u>	223	1717	<u>1.56</u>
<u>Radeon HD 7450</u>	224	1716	<u>4.50</u>
<u>Quadro FX 4500</u>	226	1715	<u>1.34</u>
<u>Quadro FX 570</u>	228	1713	<u>1.99</u>
<u>Radeon HD 6470M</u>	228	1714	<u>0.40</u>
<u>Radeon E6465</u>	231	1712	NA
<u>Mobility Radeon HD 3670</u>	232	1711	NA
<u>Radeon HD 4550</u>	235	1710	<u>1.51</u>
<u>Mobility Radeon HD 5470</u>	236	1708	NA
<u>Quadro FX 4500 X2</u>	236	1709	NA
<u>Radeon HD 6410D</u>	238	1707	NA
<u>Radeon HD 8240</u>	238	1705	NA
<u>Radeon R2</u>	238	1706	NA
<u>Radeon HD4650</u>	239	1704	<u>1.57</u>
<u>NVS 310</u>	242	1702	<u>3.91</u>
<u>Quadro FX 5500</u>	242	1703	<u>0.12</u>
<u>GeForce 7800 GT</u>	244	1701	<u>3.05</u>
<u>Radeon HD 8280E</u>	244	1700	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
GeForce 510	258	1680	3.71
Radeon HD 6480G	259	1687	NA
Radeon HD 6450A	260	1685	NA
Radeon HD 8400	261	1684	NA
GeForce Go 7950 GTX	263	1682	NA
Radeon HD 8490	263	1683	2.92
NVS 4200M	265	1681	0.67
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Mobility Radeon HD 550v	266	1680	NA
Radeon HD 7400G	267	1679	NA
Radeon HD 5470	268	1678	NA
Radeon HD 8400E	268	1677	NA
Radeon HD 8280G	269	1676	NA
GeForce 9650M GS	270	1675	NA
GeForce Go 7900 GTX	270	1674	NA
Qualcomm Adreno 630 GPU	273	1673	NA
Radeon HD 6370M	275	1672	NA
Radeon R5 235X	277	1671	NA
GeForce 9700M GTS	278	1670	NA
GeForce 9600 GS	281	1668	NA
Radeon HD 7480D	281	1669	NA
GeForce GT 520M	282	1667	9.42
Radeon HD 8280M	283	1666	1.52



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GeForce 610M</u>	292	1653	NA
<u>Radeon HD 2900 GT</u>	292	1652	NA
<u>Radeon Vega 2 Athlon Silver 3050U</u>	292	1651	NA
<u>GeForce 9600M GT / GeForce GT 220M</u>	293	1650	NA
<u>GRID K120Q</u>	293	1649	NA
<u>Radeon HD 7500G</u>	293	1648	NA
<u>Radeon R5E</u>	296	1647	NA
<u>Intel HD 500</u>	298	1646	NA
<u>Radeon HD 6520G</u>	298	1644	NA
<u>Radeon R3</u>	298	1645	NA
<u>Radeon R1E</u>	301	1643	NA
<u>GeForce GT 610</u>	302	1642	<u>2.16</u>
<u>GeForce GT 520</u>	303	1641	<u>1.00</u>
<u>Radeon HD 8350G</u>	304	1640	NA
<u>Quadro FX 3500M</u>	306	1639	<u>3.06</u>
<u>Radeon HD 7420G</u>	307	1638	NA
<u>GeForce 605</u>	308	1637	<u>2.25</u>
<u>Radeon HD 7520G + 8600/8700M Dual</u>	311	1636	NA
<u>Radeon HD 7600G</u>	311	1635	NA
<u>Radeon HD 7520G</u>	316	1634	NA
<u>Mobility Radeon HD 560v</u>	318	1633	NA
<u>GeForce 240M GT</u>	319	1632	NA

Passmark G3D Mark

Rank

Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon K4</u>	330	1620	<u>0.83</u>
<u>Radeon HD 6530D</u>	331	1618	NA
<u>Radeon R5 310</u>	331	1617	<u>0.66</u>
<u>Radeon HD 7600G + 8500M/8700M Dual</u>	333	1616	NA
<u>FirePro RG220</u>	335	1615	<u>0.52</u>
<u>GeForce GT 705</u>	336	1614	<u>1.13</u>
<u>GeForce GT 625</u>	338	1612	NA
<u>Radeon HD 8570D + HD 8470 Dual</u>	338	1613	NA
<u>GeForce 9600 GSO</u>	339	1611	<u>6.79</u>
<u>Radeon HD 7660D + HD 7400 Dual</u>	339	1610	NA
<u>Radeon HD 8310E</u>	340	1609	NA
<u>FireGL V5600</u>	341	1608	<u>1.52</u>
<u>FirePro 3D V3750</u>	341	1607	<u>6.71</u>
<u>Intel HD 4000</u>	341	1605	<u>0.21</u>
<u>Radeon R5 235</u>	341	1606	<u>5.68</u>
<u>Intel HD 505</u>	343	1604	NA
<u>GeForce 7950 GT</u>	344	1603	<u>1.69</u>
<u>Quadro FX 2700M</u>	346	1602	<u>3.46</u>
<u>Radeon HD 7580D</u>	350	1601	NA
<u>Radeon HD 7620G</u>	352	1600	NA
<u>Mobility Radeon HD 565v</u>	353	1599	NA
<u>Radeon HD 6480M</u>	353	1598	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
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Video Card



<u>Matrox Millennium P690 PCIe x16</u>	300	1300	NA
<u>GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT</u>	368	1584	NA
<u>Intel UHD Graphics 605</u>	369	1583	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>PHDGD Ivy 4</u>	374	1580	NA
<u>Quadro FX 3700</u>	374	1581	1.76
<u>Radeon HD 8570D + HD8490 Dual</u>	374	1582	NA
<u>Radeon HD 5550</u>	376	1579	6.84
<u>Radeon HD 7520G + 8750M Dual</u>	376	1577	NA
<u>Radeon HD 7600G + 6400M Dual</u>	376	1578	NA
<u>Radeon HD 6490M</u>	377	1576	0.32
<u>Radeon HD 4670</u>	380	1575	2.66
<u>GeForce 9800M GT</u>	381	1573	NA
<u>GeForce GT 130</u>	381	1574	2.52
<u>GeForce 8800M GTS</u>	382	1572	NA
<u>GeForce 7900 GTX</u>	387	1571	NA
<u>GeForce GTX 260M</u>	388	1570	NA
<u>Incredible HD</u>	389	1569	NA
<u>Intel HD 5300</u>	389	1568	NA
<u>Radeon HD 7600G + 7450M Dual</u>	389	1567	NA
<u>Radeon R5 Opteron X3216</u>	394	1566	NA
<u>Radeon HD 8650D</u>	396	1565	NA
<u>GeForce 8700M</u>	422	1531	12.00

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 8550G</u>	407	1553	NA
<u>Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G</u>	408	1550	NA
<u>GeForce 810M</u>	410	1549	NA
<u>Radeon R5 M230</u>	413	1548	NA
<u>GeForce GT 420</u>	414	1547	2.68
<u>GeForce GT 420M</u>	417	1546	NA
<u>Intel 4th Generation Haswell HD</u>	419	1545	NA
<u>Radeon R5 M320</u>	420	1544	NA
<u>Radeon HD 8570M</u>	421	1543	NA
<u>Quadro FX 2800M</u>	422	1542	2.22
<u>Radeon HD 7640G N HD 7640G + HD 8570M Dual</u>	422	1541	NA
<u>RADEON HD6410D</u>	422	1540	NA
<u>FirePro M2000</u>	423	1537	NA
<u>Radeon HD 7600G + 7550M Dual</u>	423	1539	NA
<u>Radeon HD 7640G + HD 7500/7600 Dual</u>	423	1538	NA
<u>Radeon R5 M240</u>	424	1536	NA
<u>Surface Duo Adreno 640 GPU</u>	425	1535	NA
<u>GeForce 800A</u>	428	1534	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Radeon HD 8610G</u>	428	1533	NA
<u>Quadro FX 4600</u>	429	1532	1.29
<u>Radeon HD 7570M</u>	430	1531	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 7520G + HD 7600M Dual</u>	447	1518	NA
<u>Mobility Radeon HD 5650</u>	449	1517	NA
<u>GeForce GT 625M</u>	451	1516	NA
<u>Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D</u>	451	1515	NA
<u>GeForce 800M</u>	452	1513	NA
<u>Radeon HD 8450G + HD 8600M Dual</u>	452	1514	NA
<u>GeForce GT 320</u>	453	1511	13.88
<u>Radeon HD 7520G + 7650M Dual</u>	453	1512	NA
<u>GeForce 9800M GTX</u>	454	1510	1.38
<u>GeForce 705M</u>	455	1509	NA
<u>Intel HD Family</u>	456	1507	NA
<u>Quadro FX 3700M</u>	456	1508	0.49
<u>GeForce GT 525M</u>	458	1506	NA
<u>GeForce 9800M GS</u>	460	1504	NA
<u>Radeon HD 7660G + HD 7600M N HD 7600M Dual</u>	460	1505	NA
<u>GeForce 8800M GTX</u>	462	1503	NA
<u>Radeon HD 7560D</u>	462	1502	NA
<u>GeForce 710M</u>	463	1500	NA
<u>Mobility Radeon HD 4670</u>	463	1501	NA
<u>Radeon HD 7640G</u>	463	1499	NA
<u>FirePro V5700</u>	464	1498	2.47
<u>Radeon HD 7550M</u>	464	1497	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videoca (higher
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Video Card



videocard name	(higher is better)	(lower is better)	(higher is b
<u>Radeon HD 8450G + 8670M Dual</u>	474	1484	NA
<u>Radeon R6 A8-8600P</u>	474	1483	NA
<u>Radeon HD 7600G + HD 7500M/7600M Dual</u>	476	1482	NA
<u>Radeon HD 7670M</u>	476	1481	<u>0.76</u>
<u>Mobility Radeon HD 3870 X2</u>	477	1480	NA
<u>Mobility Radeon HD 5000 Serisi</u>	478	1478	NA
<u>Radeon 3020e</u>	478	1479	NA
<u>Radeon HD 8610G + HD 8600M Dual</u>	480	1475	NA
<u>Radeon R5 M420</u>	480	1477	NA
<u>Radeon R7 M260</u>	480	1476	<u>0.60</u>
<u>Radeon HD 5570</u>	482	1474	<u>2.68</u>
<u>Radeon HD 8690A</u>	483	1473	NA
<u>Radeon HD 7520G + 7400M Dual</u>	486	1472	NA
<u>Radeon HD 8550G + R5 M230 Dual</u>	487	1470	NA
<u>Radeon R4E</u>	487	1471	NA
<u>GeForce GT 540M</u>	488	1469	<u>5.55</u>
<u>Radeon HD 8670D N HD 8670D + HD 8670D Dual</u>	488	1468	NA
<u>Radeon HD8530M</u>	490	1467	NA
<u>GeForce GT625M</u>	493	1466	NA
<u>GeForce 9600 GT</u>	494	1465	<u>7.61</u>
<u>Radeon HD 7520G + HD 7670M Dual</u>	495	1464	NA
<u>GeForce GT 640M</u>	495	1463	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 7660D</u>	507	1430	NA
<u>Radeon 6600M</u>	508	1448	NA
<u>Radeon HD 7620G + 8600M Dual</u>	508	1447	NA
<u>Radeon R5 PRO A6-8500B 2C+4G</u>	508	1449	NA
<u>Radeon HD 7600G + HD 7550M Dual</u>	509	1446	NA
<u>Radeon HD 7640G + 7610M Dual</u>	510	1445	NA
<u>Mobility Radeon HD 4830</u>	511	1444	NA
<u>Radeon R5 330</u>	512	1443	<u>1.51</u>
<u>Intel HD P4000</u>	516	1442	NA
<u>Incredible HD 4000</u>	517	1441	NA
<u>Radeon Vega 3 Athlon Silver 3050e</u>	517	1440	NA
<u>NVS 5200M</u>	518	1438	NA
<u>Radeon HD 7640G + HD 7670M Dual</u>	518	1439	NA
<u>GeForce GT 435M</u>	519	1437	NA
<u>Intel HD 4400</u>	520	1435	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Radeon HD 8670M</u>	520	1434	NA
<u>Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G</u>	520	1436	NA
<u>GeForce GT 425M</u>	522	1432	NA
<u>Radeon R5 M255</u>	522	1433	NA
<u>Radeon HD 7520G + 7670M Dual</u>	523	1431	NA
<u>Radeon HD 7660D + R5 235 Dual</u>	523	1429	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon R7 M260</u>	537	1417	NA
<u>Radeon R6 PRO A10-8700B 4C+6G</u>	538	1416	NA
<u>Quadro FX 5600</u>	539	1415	<u>1.83</u>
<u>Qualcomm Adreno 675 GPU</u>	539	1414	NA
<u>Radeon HD 7520G + 7470M Dual</u>	542	1413	NA
<u>Radeon HD 8670D</u>	542	1412	NA
<u>Quadro FX 2700</u>	543	1411	NA
<u>Radeon HD 7600G + HD 8670M Dual</u>	543	1410	NA
<u>Mobility Radeon HD 5570</u>	544	1409	NA
<u>Radeon HD 7520G + HD 7400M Dual</u>	544	1408	NA
<u>FirePro 3D V7750</u>	545	1407	<u>1.56</u>
<u>GeForce 615</u>	545	1404	NA
<u>Quadro 600</u>	545	1405	<u>7.18</u>
<u>Radeon HD 8450G + 8600M Dual</u>	545	1406	NA
<u>FirePro 3D V5700</u>	546	1401	<u>1.71</u>
<u>GeForce GT 630M</u>	546	1402	NA
<u>Radeon HD 8550G + HD 8670M Dual</u>	546	1403	NA
<u>Mobility Radeon HD 3870</u>	547	1400	NA
<u>Radeon R5 M335</u>	548	1399	NA
<u>FireGL V8650</u>	550	1398	<u>1.84</u>
<u>Radeon R7 7850A10-7850K</u>	551	1397	NA
<u>GF117</u>	554	1396	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 6610M</u>	565	1384	NA
<u>GeForce GT 635M</u>	566	1382	NA
<u>Radeon HD 3870</u>	566	1383	<u>8.09</u>
<u>Radeon HD 7560D + 6450 Dual</u>	568	1381	NA
<u>GeForce GTS 250M</u>	569	1380	NA
<u>Quadro 500M</u>	570	1378	<u>2.07</u>
<u>Radeon R6 + R7 M265DX Dual</u>	570	1379	NA
<u>Radeon HD 7650A</u>	573	1377	<u>2.19</u>
<u>Intel HD 5000</u>	574	1374	<u>0.92</u>
<u>Radeon HD 7520G + HD 7700M Dual</u>	574	1372	NA
<u>Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760</u>	574	1375	NA
<u>Radeon HD 8450G + HD 8670M Dual</u>	574	1376	NA
<u>Radeon R5 420</u>	574	1373	<u>14.39</u>
<u>GeForce GTX 280M</u>	575	1371	NA
<u>Intel Skylake HD DT GT2</u>	576	1369	NA
<u>Radeon R5 A240</u>	576	1370	NA
<u>GeForce GTS 240</u>	577	1367	<u>8.88</u>
<u>Radeon HD 7620G + 8670M Dual</u>	577	1368	NA
<u>Radeon HD 8610G + HD 8670M Dual</u>	577	1366	NA
<u>Radeon HD 8450G + R5 M230 Dual</u>	578	1365	NA
<u>Radeon HD 8550G + 8670M Dual</u>	579	1364	NA
<u>Quadro 1000M</u>	580	1363	<u>10.64</u>

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 7640G + HD 7700M Dual</u>	589	1350	NA
<u>GeForce 910M</u>	591	1348	NA
<u>Radeon HD 7520G + 7600M Dual</u>	591	1349	NA
<u>Radeon HD 8550G + HD 8600M Dual</u>	593	1347	NA
<u>GeForce 8800 GTS 512</u>	595	1343	NA
<u>GeForce 8800 GTX</u>	595	1344	4.96
<u>Radeon HD 7640G + 7470M Dual</u>	595	1345	NA
<u>Radeon R5 M330</u>	595	1342	NA
<u>Radeon R7 PRO A12-8830B</u>	595	1346	NA
<u>Radeon HD 8510G + 8500M Dual</u>	596	1341	NA
<u>Matrox C420 LP PCIe x16</u>	597	1340	NA
<u>Radeon R7 PRO A12-8800B</u>	597	1339	NA
<u>GeForce GT 430</u>	598	1338	4.27
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Radeon HD 8610G + 8670M Dual</u>	599	1336	NA
<u>Radeon R8 M365DX</u>	599	1337	NA
<u>GeForce GT 720A</u>	600	1335	NA
<u>Radeon HD 8550G + 8500M Dual</u>	602	1334	NA
<u>Intel HD P4600</u>	604	1332	NA
<u>Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G</u>	604	1333	NA
<u>Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G</u>	605	1331	NA
<u>Radeon R6 M355DX</u>	605	1330	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
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Video Card



<u>Radeon HD 8650G + 8600M Dual</u>	613	1318	NA
<u>Radeon Vega 3 Athlon 320GE</u>	613	1317	NA
<u>GeForce 720A</u>	614	1316	NA
<u>GeForce GTS 250</u>	614	1315	<u>8.78</u>
<u>FireGL V7600</u>	615	1313	NA
<u>Quadro FX 3800M</u>	615	1314	NA
<u>Radeon HD 7500G + 7500M/7600M Dual</u>	616	1312	NA
<u>Radeon HD 8550G + 8600M Dual</u>	617	1311	NA
<u>Radeon R6</u>	618	1310	NA
<u>Radeon HD 8550G + R5 M200 Dual</u>	619	1308	NA
<u>Radeon R5 A10-9600P 4C+6G</u>	619	1309	NA
<u>Radeon HD 8570 + 8670D Dual</u>	620	1307	NA
<u>Intel HD 510</u>	621	1305	NA
<u>Radeon HD 7640G + HD 7400M Dual</u>	621	1306	NA
<u>GeForce 810A</u>	622	1304	NA
<u>Radeon HD 7520G + HD 8600/8700M Dual</u>	623	1303	NA
<u>Radeon HD 7570</u>	624	1302	<u>6.09</u>
<u>Radeon HD 8650G + 8500M Dual</u>	626	1301	NA
<u>Radeon HD 2900 PRO</u>	627	1299	NA
<u>Radeon HD 7640G + 7500/7600 Dual</u>	627	1300	NA
<u>GRID K160Q</u>	628	1298	NA
<u>Intel HD 515</u>	629	1295	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 8650G + 8670M Dual</u>	635	1280	NA
<u>Radeon HD 7640G + 7400M Dual</u>	637	1283	NA
<u>Radeon HD 8450G + 8750M Dual</u>	637	1284	NA
<u>Radeon R5 PRO A6-8570E 2C+4G</u>	637	1282	NA
<u>Intel HD P4600/P4700</u>	639	1281	NA
<u>GeForce 8800 Ultra</u>	642	1280	NA
<u>Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G</u>	642	1279	NA
<u>Radeon HD 7540D + HD 6450 Dual</u>	643	1278	NA
<u>Radeon HD 7640G + 7670M Dual</u>	644	1277	NA
<u>Radeon HD 8610G + HD 8500M Dual</u>	645	1276	NA
<u>Radeon HD 6670 + 6670 Dual</u>	646	1275	NA
<u>FireStream 9170</u>	647	1274	NA
<u>Radeon R5 M430</u>	648	1273	NA
<u>FirePro V3900</u>	649	1272	<u>2.73</u>
<u>GeForce GTX 285M</u>	650	1270	NA
<u>GRID K1</u>	650	1269	<u>1.65</u>
<u>SUMO 9640</u>	650	1271	NA
<u>Radeon HD 7520G + HD 8750M Dual</u>	651	1268	NA
<u>Radeon HD 7640G + 8750M Dual</u>	654	1265	NA
<u>Radeon HD 8550G + HD 8600/8700M Dual</u>	654	1266	NA
<u>Radeon HD 8650G + 8570M Dual</u>	654	1267	NA
<u>GeForce GT 140</u>	657	1264	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon R7 A8 PRO-7600B</u>	660	1232	NA
<u>GeForce GT 740A</u>	667	1250	NA
<u>GeForce GT 640M LE</u>	669	1249	<u>0.79</u>
<u>Radeon R8 M535DX</u>	670	1248	NA
<u>Radeon Athlon Silver 3050U</u>	675	1247	NA
<u>Quadro FX 4700 X2</u>	676	1246	NA
<u>Radeon HD 8610G + R5 M200 Dual</u>	676	1245	NA
<u>Radeon HD 7640G + HD 8670M Dual</u>	677	1244	NA
<u>GeForce GTS 160M</u>	678	1243	NA
<u>Radeon HD 7640G N HD 7640G + HD 7670M Dual</u>	679	1242	NA
<u>Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D</u>	679	1241	NA
<u>GeForce GT 530</u>	680	1240	<u>13.88</u>
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>GRID P40-3Q</u>	681	1239	NA
<u>GeForce GT 630</u>	682	1238	<u>4.64</u>
<u>Radeon HD 6630M</u>	684	1237	NA
<u>Radeon HD 8550D</u>	685	1236	NA
<u>Radeon HD 8650G + R5 M230 Dual</u>	686	1235	NA
<u>Radeon HD 7640G + 8600/8700M Dual</u>	688	1234	NA
<u>Radeon R5 PRO A6-8530B 2C+4G</u>	689	1233	NA
<u>Radeon HD 7640G + 7700M Dual</u>	690	1232	NA
<u>Radeon R5 A6-7480</u>	692	1231	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 7660G + HD 7670M Dual</u>	700	1218	NA
<u>Radeon R7 PRO A10-9700B</u>	706	1219	NA
<u>Radeon HD 6550A</u>	707	1217	NA
<u>Radeon R7 PRO A12-9800B</u>	707	1216	NA
<u>Radeon HD 3870 X2</u>	708	1215	NA
<u>Radeon HD 7660G + HD 8670M Dual</u>	711	1214	NA
<u>Radeon R7 A10-7800</u>	711	1213	NA
<u>Radeon HD 8650G + HD 8570M Dual</u>	716	1212	NA
<u>Radeon HD 8470D + 6450 Dual</u>	717	1211	NA
<u>Radeon HD 8670D + HD 7000 Dual</u>	718	1210	NA
<u>Mobility Radeon HD 4870</u>	719	1208	NA
<u>Radeon HD 7540D + 6570 Dual</u>	719	1209	NA
<u>Asus GTX 650 FML II EC-EGPU</u>	720	1206	NA
<u>NVS 510</u>	720	1207	<u>2.82</u>
<u>Quadro K610M</u>	721	1205	<u>3.01</u>
<u>Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D</u>	722	1203	NA
<u>Radeon HD 8650G + R5 M200 Dual</u>	722	1204	NA
<u>Intel UHD Graphics 610</u>	723	1202	NA
<u>Radeon Athlon Gold 3150U</u>	726	1201	NA
<u>Radeon R7 PRO A10-8750B</u>	726	1200	NA
<u>GeForce 920M</u>	727	1198	NA
<u>GRID K140Q</u>	727	1197	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 7670M + 7670M Dual</u>	738	1188	NA
<u>Radeon R7 FX-9800P RADEON</u>	740	1185	<u>1.40</u>
<u>Radeon HD 8650G + 7600M Dual</u>	741	1184	NA
<u>GeForce GT 730A</u>	742	1183	NA
<u>Radeon HD 7660G + 7670M Dual</u>	743	1182	NA
<u>Radeon R5 235 + HD 7560D Dual</u>	743	1181	NA
<u>Radeon HD 7660G + 7610M Dual</u>	745	1180	NA
<u>Radeon HD 8670D + R5 330 Dual</u>	746	1179	NA
<u>Radeon HD 7640G + 7650M Dual</u>	747	1176	NA
<u>Radeon HD 7660G + HD 8600/8700M Dual</u>	747	1177	NA
<u>Radeon R7 A12-9720P RADEON</u>	747	1178	<u>2.04</u>
<u>Incredible HD 4600</u>	749	1174	NA
<u>Radeon M535DX</u>	749	1175	NA
<u>Radeon R7 M270</u>	750	1173	NA
<u>Intel Iris 5100</u>	751	1172	NA
<u>Radeon HD 8570D + HD 7000 Dual</u>	753	1171	NA
<u>Radeon HD 7640G + 7450M Dual</u>	754	1170	NA
<u>Quadro 1100M</u>	755	1169	NA
<u>Radeon HD 7660G + 7700M Dual</u>	757	1168	NA
<u>Radeon HD 8650G + HD 8600M N HD 8600M Dual</u>	757	1167	NA
<u>Radeon HD 7660G + HD 8500M Dual</u>	758	1166	NA
<u>Quadro K600</u>	759	1163	<u>12.62</u>

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GeForce 730A</u>	771	1152	NA
<u>Mobility Radeon HD 5000</u>	773	1150	NA
<u>Radeon HD 7600M + 7600M Dual</u>	773	1148	NA
<u>Radeon HD 8650G N HD 8650G + HD 8570M Dual</u>	773	1149	NA
<u>Radeon R7 A10-8850</u>	773	1151	NA
<u>Radeon R7 A8-7600</u>	774	1147	NA
<u>Radeon HD 7640G + 7500M/7600M Dual</u>	775	1146	NA
<u>GeForce GT 440</u>	777	1145	<u>3.45</u>
<u>Radeon HD 7660G + HD 7700M Dual</u>	777	1144	NA
<u>Radeon R7 A10-7890K</u>	777	1143	NA
<u>Radeon HD 8650G + HD 8750M Dual</u>	778	1142	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Quadro 2000M</u>	781	1139	<u>3.40</u>
<u>Radeon R7 A365</u>	781	1141	NA
<u>Radeon R7 PRO A6-9500 2C+6G</u>	781	1140	NA
<u>GeForce 825M</u>	783	1138	NA
<u>Radeon HD 8650G + 8750M Dual</u>	786	1137	NA
<u>GeForce GT 740M</u>	789	1136	NA
<u>Quadro K1000M</u>	790	1134	<u>11.30</u>
<u>Radeon HD 5670</u>	790	1135	<u>11.79</u>
<u>Radeon R7 PRO A10-9700</u>	793	1133	NA
<u>Radeon HD 8550G + 8750M Dual</u>	795	1131	NA
<u>Radeon R7 A10-7890K</u>	795	1132	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon vega 3 Ation 3000</u>	815	1118	NA
<u>Radeon R7 A10 Extreme Edition</u>	816	1117	NA
<u>Radeon R7 FX-8800P</u>	816	1116	NA
<u>Radeon R7 M260DX</u>	816	1115	NA
<u>Radeon HD 8550G + HD 8750M Dual</u>	819	1113	NA
<u>Radeon HD 8650G + HD 7600M Dual</u>	819	1112	NA
<u>Radeon R7 A10 PRO-7800B</u>	819	1114	NA
<u>GeForce GT 730M</u>	820	1111	NA
<u>Radeon HD 7540D + 7500 Dual</u>	821	1109	NA
<u>Radeon R7 A8-7680</u>	821	1110	NA
<u>Radeon HD 3850 X2</u>	822	1108	NA
<u>Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D</u>	824	1107	NA
<u>Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C</u>	825	1106	NA
<u>GeForce GT 730</u>	827	1104	<u>7.53</u>
<u>GRID M60-0Q</u>	827	1105	NA
<u>Intel HD 5200</u>	830	1103	NA
<u>Radeon HD 7660G + 7600M Dual</u>	831	1102	NA
<u>Radeon HD 8650G + 8600/8700M Dual</u>	831	1101	NA
<u>Radeon HD 7520G + HD 7500/7600 Dual</u>	832	1099	NA
<u>Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G</u>	832	1098	NA
<u>Radeon R7 A8-9600 RADEON</u>	832	1100	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 4830</u>	843	1080	<u>14.09</u>
<u>Radeon R5 PRO A6-8570 2C+6G</u>	847	1085	NA
<u>Radeon R7 A8-7670K</u>	848	1084	NA
<u>Radeon Vega 3 Ryzen 3 3200U</u>	849	1083	NA
<u>Radeon HD 8500M/8700M</u>	852	1082	NA
<u>FirePro 3D V4800</u>	853	1079	<u>5.33</u>
<u>Radeon R5 A6-9500 2C+6G</u>	853	1080	NA
<u>Radeon R7 A8-7500 4C+6G</u>	853	1081	NA
<u>Radeon HD 8550G + HD 7600M Dual</u>	854	1078	NA
<u>GeForce 920A</u>	855	1076	NA
<u>Intel HD 6000</u>	855	1077	NA
<u>Radeon 520</u>	856	1075	<u>9.52</u>
<u>Radeon HD 8470D + HD 6450 Dual</u>	862	1074	NA
<u>Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G</u>	862	1073	NA
<u>Mobility Radeon HD 4850</u>	866	1072	NA
<u>Radeon HD 8570D + HD 6570 Dual</u>	868	1071	NA
<u>Radeon R7 G</u>	869	1070	NA
<u>Intel HD 520</u>	871	1069	NA
<u>Radeon Vega 3 Ryzen 3 3250U</u>	871	1068	NA
<u>Radeon E6760</u>	876	1067	<u>3.65</u>
<u>Radeon R7 A10-8750</u>	878	1066	NA
<u>Radeon HD 7660G + HD 7730M Dual</u>	881	1065	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Barco MAXI 2600</u>	900	1052	<u>4.52</u>
<u>Barco MXRT 7400</u>	900	1051	<u>9.10</u>
<u>Intel UHD Graphics 617</u>	901	1048	NA
<u>Radeon HD 8550G + 7600M Dual</u>	901	1050	NA
<u>Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G</u>	901	1049	NA
<u>Radeon R7 A10-7860K</u>	907	1047	NA
<u>Radeon R7 A8-7500</u>	907	1046	NA
<u>Intel Iris 6100</u>	910	1045	NA
<u>GRID M6-0B</u>	911	1043	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Radeon 6750M</u>	911	1044	NA
<u>GeForce GT 640M</u>	912	1040	NA
<u>GRID K220Q</u>	912	1042	NA
<u>Radeon R7 A8-8650</u>	912	1041	NA
<u>GRID M10-0Q</u>	913	1039	NA
<u>Radeon R7 A10 PRO-7850B</u>	914	1038	NA
<u>Radeon R7 A10-9700 RADEON</u>	916	1037	NA
<u>GeForce GT 645M</u>	917	1035	NA
<u>Radeon R7 240 + HD 8570D Dual</u>	917	1036	NA
<u>Radeon R7 PRO A12-8870</u>	919	1034	NA
<u>Intel Iris Pro 6100</u>	925	1033	NA
<u>Intel HD Graphics 620</u>	927	1032	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videoca (higher
 Video Card ▼			
<u>Radeon HD 6670 / 7670</u>	940	1010	NA
<u>Radeon HD 7640G + 7690M Dual</u>	945	1017	NA
<u>Radeon R7 PRO A10-8850B</u>	945	1019	NA
<u>Radeon Ryzen 5 3450U</u>	945	1018	NA
<u>Quadro CX</u>	947	1015	6.32
<u>Radeon HD 8750M</u>	948	1014	NA
<u>Radeon HD 8570 + HD 7660D Dual</u>	949	1013	NA
<u>Radeon HD 8670D + R7 200 Dual</u>	949	1012	NA
<u>Radeon R5 430</u>	951	1011	16.12
<u>Radeon R7 M445</u>	952	1010	1.28
<u>Radeon R6 Opteron X3418</u>	955	1009	NA
<u>TENSOR 1.0 Driver Intel HD 530</u>	958	1008	NA
<u>Qualcomm Adreno 690 GPU</u>	962	1006	NA
<u>Radeon HD 8570</u>	962	1005	9.76
<u>Radeon R7 PRO A8-9600</u>	962	1007	NA
<u>Radeon HD 8570D + R7 240 Dual</u>	963	1004	NA
<u>Radeon HD 6770M</u>	964	1002	NA
<u>Radeon R7 PRO A10-9700E</u>	964	1003	1.82
<u>Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D</u>	966	1001	NA
<u>Radeon R7 PRO A12-8870E</u>	966	1000	NA
<u>Radeon R6 A10-9600P 4C+6G</u>	970	999	NA
<u>Radeon HD 8850M</u>	973	998	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Radeon R7 A260	993	980	NA
Intel HD 530	994	985	NA
Radeon 530	995	984	NA
Radeon HD 7640G + HD 8750M Dual	996	983	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	982	NA
Radeon HD 8570D + R7 200 Dual	999	981	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	980	NA
Radeon HD 7690M	1003	979	NA
GeForce 830M	1005	978	NA
Radeon R7 M260X	1006	977	NA
Quadro 3000M	1009	975	14.43
Radeon HD 7690M XT	1009	976	NA
GeForce 930M	1012	974	NA
Radeon R5 A6-9500E 2C+4G	1014	973	NA
Radeon HD 6700M	1016	972	NA
Quadro K2000M	1018	970	7.07
Radeon Vega 3 Mobile	1018	971	NA
Radeon HD 8670D + R7 240 Dual	1020	969	NA
FirePro W4170M	1022	968	NA
Radeon HD 6750	1024	967	12.81
Radeon R7 + R5 330 Dual	1028	966	NA
Radeon HD 8600/8700M	1029	964	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Firepro M4100	1039	952	NA
Radeon HD 7520G + 7700M Dual	1060	951	NA
Radeon HD 7660D + 7670 Dual	1061	950	NA
Radeon 535	1069	949	NA
Radeon HD 8450G + 8600/8700M Dual	1070	948	NA
GeForce 840M	1076	947	NA
Barco MXRT 5450	1079	946	5.40
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
MIRRORV3	1080	944	NA
Radeon R7 M465	1080	945	NA
GeForce 920MX	1081	943	NA
Quadro K1100M	1084	942	3.36
Radeon R7 250	1089	941	5.74
GeForce GT 745M	1090	940	NA
GeForce GTX 850M - MODDED	1091	939	NA
Mobility Radeon HD 5870	1092	938	NA
Radeon R5 PRO A6-9500 2C+6G	1096	937	NA
Radeon R7 430	1096	936	5.48
GeForce GT 545	1097	935	19.74
Radeon R7 M460	1099	934	NA
Quadro 2100M	1100	933	NA
Radeon HD 7660D + 6570 Dual	1100	932	NA
Radeon R7 M460	1104	931	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GeForce 830A</u>	1138	918	NA
<u>GeForce 930A</u>	1139	916	NA
<u>Radeon HD 8850M / R9 M265X</u>	1139	917	NA
<u>Radeon R7 A8-7690K</u>	1140	915	NA
<u>GeForce 940A</u>	1144	914	NA
<u>Intel HD P530</u>	1150	913	NA
<u>Quadro M500M</u>	1152	912	NA
<u>Firepro W4190M</u>	1156	911	NA
<u>Intel Coffee Lake UHD</u>	1158	909	NA
<u>Radeon R7 A10-7870K</u>	1158	910	NA
<u>Intel HD P630</u>	1160	908	NA
<u>Barco MXRT 5400</u>	1161	907	<u>5.72</u>
<u>NVS 810</u>	1161	906	<u>1.86</u>
<u>Radeon HD 5750</u>	1161	905	<u>16.60</u>
<u>Quadro K620M</u>	1162	904	NA
<u>Radeon Ryzen Embedded V2516</u>	1163	903	NA
<u>FireStream 9250</u>	1164	902	NA
<u>Radeon R7 Opteron X3421</u>	1168	901	NA
<u>GeForce 840A</u>	1179	900	NA
<u>Radeon Ryzen 3 7330U</u>	1182	899	NA
<u>FirePro V5800</u>	1184	898	<u>22.34</u>
<u>GeForce GT 640</u>	1185	897	<u>10.78</u>
	Passmark G3D Mark	Rank	Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Quadro FX 5800</u>	1210	883	<u>4.44</u>
<u>Radeon Vega 6 Ryzen 3 3300U</u>	1216	884	NA
<u>GeForce GTX 560M</u>	1218	882	NA
<u>Radeon HD 8670D + HD 6670 Dual</u>	1221	881	NA
<u>Radeon HD 7730</u>	1224	880	<u>5.26</u>
<u>GeForce GTX 760A</u>	1226	879	NA
<u>GeForce GTX 260</u>	1227	878	<u>15.34</u>
<u>FirePro 3D V5800</u>	1231	876	<u>6.04</u>
<u>GeForce GTX 460M</u>	1231	877	NA
<u>Radeon R7 + R7 250 Dual</u>	1232	874	NA
<u>Radeon Vega 6 Ryzen 3 PRO 3300U w/</u>	1232	875	NA
<u>Radeon R7 + R5 340 Dual</u>	1234	873	NA
<u>Radeon HD 7560D + HD 6570 Dual</u>	1237	872	NA
<u>Radeon HD 7660D + 6670 Dual</u>	1238	871	NA
<u>Quadro 2000 D</u>	1239	869	NA
<u>Radeon HD 6770</u>	1239	868	<u>4.68</u>
<u>Radeon HD 8570D + 6570 Dual</u>	1239	870	NA
<u>Radeon 630</u>	1244	867	NA
<u>GeForce GTX 280</u>	1247	866	<u>2.39</u>
<u>Intel Iris 540</u>	1249	865	NA
<u>Intel UHD Graphics 630</u>	1256	864	NA
<u>Radeon HD 7560D + HD 7600 Dual</u>	1258	863	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Intel Iris Max G7	1305	850	NA
Radeon Vega 6	1306	849	0.73
Radeon HD 4870 X2	1309	848	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Radeon R7 PRO A8-8670E	1309	846	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1309	847	NA
FirePro M5950	1314	845	NA
Quadro 4000M	1316	844	5.67
Radeon HD 8670D + HD 7600 Dual	1317	843	NA
GeForce GTS 450	1335	842	16.70
Ryzen 3 4300U with Radeon Graphics	1337	841	NA
FireStream 9270	1341	840	NA
Radeon HD 5770	1343	839	7.07
Intel Iris Plus 640	1345	838	NA
Radeon HD 7560D + HD 7700 Dual	1346	837	NA
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1348	836	NA
Quadro K2100M	1358	835	3.27
Radeon HD 8670D + 6670 Dual	1361	834	NA
FirePro M40003	1364	833	NA
Radeon 540	1370	832	NA
Radeon HD 7850M	1372	831	NA
FirePro W5130M	1379	830	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
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Video Card



<u>Radeon 540X</u>	1432	810	NA
<u>Radeon Vega 8 Mobile</u>	1433	815	NA
<u>Radeon HD 8470D + HD 6670 Dual</u>	1435	814	NA
<u>Intel Iris Pro Graphics 6200</u>	1438	813	NA
<u>Radeon Eng Sample: 100-000000085-40_35/24_Y</u>	1440	812	NA
<u>Ryzen 5 PRO 4400GE with Radeon Graphics</u>	1441	811	NA
<u>GeForce MX110</u>	1454	810	NA
<u>Radeon R9 255</u>	1456	809	<u>4.23</u>
<u>Radeon 550X</u>	1466	808	NA
<u>Radeon Vega 10 Mobile</u>	1472	807	NA
<u>Radeon RX Vega 8</u>	1474	806	NA
<u>Intel UHD Graphics</u>	1480	805	NA
<u>Radeon R9 M365X</u>	1481	804	NA
<u>Quadro 4000</u>	1484	803	<u>1.43</u>
<u>Radeon HD 7660D + HD 6670 Dual</u>	1484	802	NA
<u>Radeon RX Vega 10 Ryzen 7 3700U</u>	1490	801	NA
<u>Radeon HD 6670 + 7660D Dual</u>	1492	800	NA
<u>Radeon R9 M370X</u>	1492	799	<u>1.68</u>

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Radeon Vega 6 Ryzen 3 3350U</u>	1502	798	NA
<u>Ryzen 5 2500U with Radeon Vega</u>	1503	797	NA
<u>GeForce 845M</u>	1506	796	NA
<u>Radeon HD 7660D</u>	1507	795	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 8470D + HD 7500 Dual</u>	1345	182	NA
<u>FirePro W4100</u>	1547	781	8.41
<u>Quadro P500</u>	1549	779	NA
<u>Ryzen 3 5300U with Radeon Graphics</u>	1549	780	NA
<u>Radeon HD 7560D + HD 6670 Dual</u>	1554	778	NA
<u>Quadro K2000</u>	1561	777	5.31
<u>Radeon Vega 10</u>	1562	776	NA
<u>Radeon R9 M275X / M375</u>	1574	775	NA
<u>GeForce GTX 555</u>	1575	774	NA
<u>Intel Iris Plus 650</u>	1575	773	NA
<u>Quadro K2000D</u>	1577	772	4.64
<u>Radeon Vega 9</u>	1581	771	NA
<u>Radeon Vega 8</u>	1585	770	12.49
<u>Quadro P400</u>	1597	769	7.94
<u>Radeon HD 6790</u>	1600	768	5.45
<u>Ryzen 3 PRO 5450U with Radeon Graphics</u>	1601	767	NA
<u>Seria Radeon HD 7700</u>	1603	766	NA
<u>Radeon RX Vega11</u>	1605	765	NA
<u>FirePro M4000</u>	1610	764	22.11
<u>GeForce GTX 480M</u>	1617	763	NA
<u>Ryzen 7 2700U with Radeon Vega</u>	1617	762	NA
<u>Radeon R7 M465X</u>	1623	761	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Intel UHD Graphics 730</u>	1653	746	NA
<u>Radeon Ryzen 7 7800X3D 8-Core</u>	1656	747	NA
<u>Radeon Ryzen 7 PRO 7745 8-Core</u>	1657	746	NA
<u>Radeon R7 M380</u>	1668	745	NA
<u>Radeon RX Vega 10 Ryzen 7 3750H</u>	1676	744	NA
<u>Radeon E8860</u>	1686	743	NA
<u>GeForce GTX 760M</u>	1697	742	NA
<u>Radeon Ryzen 5 7600X 6-Core</u>	1703	741	NA
<u>Radeon HD 7750</u>	1704	740	<u>17.05</u>
<u>Radeon HD 6900M</u>	1707	738	NA
<u>Ryzen 5 PRO 4650U with Radeon Graphics</u>	1707	739	NA
<u>Radeon Ryzen 7 7700 8-Core</u>	1713	737	NA
<u>Radeon Vega 8 Ryzen 3 PRO 3200G</u>	1715	736	NA
<u>Radeon HD 5830</u>	1719	735	<u>6.64</u>
<u>Radeon Vega 11 Ryzen 5 PRO 3400GE w/</u>	1720	734	NA
<u>Radeon 550</u>	1723	733	<u>28.72</u>
<u>Intel UHD Graphics P750</u>	1726	732	NA
<u>Intel Iris Plus 645</u>	1727	731	NA
<u>GeForce GTX 670M</u>	1731	730	NA
<u>Radeon Ryzen 3 PRO 5450U</u>	1740	729	NA
<u>Radeon Vega 8 Ryzen 5 3550H</u>	1742	728	NA
<u>Intel UHD Graphics 750</u>	1748	726	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon HD 8870M / R9 M270X / M370X</u>	1799	713	NA
<u>Radeon RX Vega 11 Processor</u>	1799	714	NA
<u>Ryzen 5 4500U with Radeon Graphics</u>	1808	712	NA
<u>Intel UHD Graphics 770</u>	1811	711	NA
<u>Matrox C900 PCIe x16</u>	1812	710	NA
<u>Radeon R9 M360</u>	1812	709	NA
<u>Radeon Ryzen 5 PRO 5675U</u>	1812	708	NA
<u>FirePro M6000</u>	1820	707	5.58
<u>Radeon Vega 11</u>	1820	706	NA
<u>MxGPU</u>	1826	705	NA
<u>Radeon R9 M375X</u>	1828	704	NA
<u>Intel Iris Plus</u>	1829	703	NA
<u>GeForce MX230</u>	1834	702	NA
<u>Radeon HD 8570D + HD 7700 Dual</u>	1834	701	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>GRID M60-0B</u>	1838	700	NA
<u>FirePro M5100 FireGL V</u>	1839	699	NA
<u>Radeon Ryzen Embedded V2748</u>	1842	698	NA
<u>GeForce 945A</u>	1852	697	NA
<u>Radeon R9 M385</u>	1853	696	NA
<u>Quadro M520</u>	1861	695	NA
<u>Radeon Eng Sample: 100-000000287-40_Y</u>	1861	693	NA
<u>Radeon R9 M385</u>	1861	693	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon vega 11 Ryzen 5 PRO 3400G</u>	1913	660	NA
<u>GeForce GTX 560 SE</u>	1914	679	<u>21.27</u>
<u>Radeon HD 7560D + 7700 Dual</u>	1919	678	NA
<u>GeForce GTX 670MX</u>	1920	677	NA
<u>Quadro 5000</u>	1923	675	<u>1.17</u>
<u>Radeon RX 570X</u>	1923	676	<u>9.99</u>
<u>Intel Iris Xe MAX 100</u>	1924	674	NA
<u>GeForce GTX 460 v2</u>	1927	673	<u>9.64</u>
<u>Quadro K4000M</u>	1927	672	<u>7.59</u>
<u>GeForce GTX 675M</u>	1943	671	NA
<u>Radeon R7 450</u>	1949	670	<u>6.52</u>
<u>GeForce GTX 470M</u>	1953	669	NA
<u>Radeon HD 7660D + HD 7700 Dual</u>	1958	668	NA
<u>Radeon R7 + HD 7700 Dual</u>	1962	667	NA
<u>Ryzen 3 5300G with Radeon Graphics</u>	1963	666	NA
<u>Radeon Ryzen 7 PRO 5875U</u>	1969	665	NA
<u>Radeon HD 6850</u>	1973	664	<u>23.22</u>
<u>Radeon HD 5850</u>	1977	663	<u>6.84</u>
<u>Radeon Ryzen 5 5560U</u>	1980	662	NA
<u>Radeon Ryzen Embedded V2718</u>	1981	661	NA
<u>Radeon R7 + R7 350 Dual</u>	1982	660	NA
<u>Intel Iris Pro 580</u>	1989	659	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Ryzen 7 4700U with Radeon Graphics</u>	2034	640	NA
<u>Radeon RX Vega 11 Ryzen 5 3350G</u>	2036	645	NA
<u>Radeon Ryzen 7 PRO 4750U</u>	2042	644	NA
<u>Ryzen 5 PRO 4650GE with Radeon Graphics</u>	2045	643	NA
<u>Radeon Ryzen 7 4700U</u>	2052	642	NA
<u>Quadro 5000M</u>	2059	641	NA
<u>Radeon Ryzen 5 5600U</u>	2062	640	NA
<u>GeForce 945M</u>	2063	639	NA
<u>Radeon Vega 8 Ryzen 3 3200G</u>	2065	638	NA
<u>GRID M6-1Q</u>	2069	637	NA
<u>GeForce GTX 580M</u>	2074	636	<u>8.34</u>
<u>Radeon RX Vega 11 Ryzen 5 3400G</u>	2084	635	NA
<u>Quadro P520</u>	2093	634	<u>1.40</u>
<u>Radeon Ryzen 5 Microsoft Surface Edition</u>	2094	633	NA
<u>FirePro M5100</u>	2102	632	NA
<u>Radeon TM R9 A360</u>	2105	631	NA
<u>Ryzen 7 4800H with Radeon Graphics</u>	2113	630	NA
<u>Radeon Ryzen 5 5500U</u>	2116	629	NA
<u>Ryzen 5 5560U with Radeon Graphics</u>	2120	628	NA
<u>Radeon RX Vega 11</u>	2125	627	<u>2.12</u>
<u>RadeonT RX Vega 11</u>	2131	626	NA
<u>Quadro M600M</u>	2145	625	<u>8.52</u>

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
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Video Card



Radeon HD 6870	2210	612	8.00
GRID P100-1B	2223	611	NA
Radeon Ryzen 7 5700U	2228	610	NA
Radeon Ryzen 7 PRO 4750GE	2229	609	NA
Radeon HD 5870	2231	608	7.56
Quadro K620	2238	607	1.10
Radeon Ryzen 5 7530U	2242	606	NA
Ryzen 3 4300GE with Radeon Graphics	2246	605	NA
Ryzen 7 5700U with Radeon Graphics	2248	604	NA
Ryzen 5 4600H with Radeon Graphics	2260	603	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Intel HD 5600	2263	602	NA
GeForce GTX 460	2266	601	25.18
Ryzen 3 PRO 5350GE with Radeon Graphics	2266	600	NA
Radeon R7 250X	2268	599	11.70
Radeon HD 6970M	2270	598	10.51
Quadro K3100M	2271	597	5.68
Radeon Ryzen 7 Microsoft Surface Edition	2273	596	NA
Intel UHD Graphics P630	2276	595	NA
FirePro V8800	2280	594	11.52
Radeon Ryzen 7 4800U	2282	593	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2282	592	NA
GeForce RTX 3060	2283	591	63.75

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videoca (higher
 Video Card ▼			
<u>Radeon Ryzen 7 5825U</u>	2338	518	NA
<u>P106-090</u>	2342	577	NA
<u>Ryzen 7 4800U with Radeon Graphics</u>	2343	576	NA
<u>Radeon Pro WX 4150</u>	2345	575	3.84
<u>FirePro W6150M</u>	2358	574	NA
<u>GeForce GTX 485M</u>	2359	573	NA
<u>Radeon Ryzen 7 5800U</u>	2371	572	NA
<u>Ryzen 7 5800U with Radeon Graphics</u>	2388	571	NA
<u>Radeon RX Vega 11 PRD</u>	2401	570	NA
<u>Ryzen 5 4600G with Radeon Graphics</u>	2403	569	NA
<u>GeForce GTX 960A</u>	2410	568	NA
<u>Radeon Eng Sample: 100-000000262-30_Y</u>	2415	567	NA
<u>Radeon Ryzen 7 7730U</u>	2417	566	NA
<u>Ryzen 5 Pro 4650G with Radeon Graphics</u>	2422	565	NA
<u>FirePro 3D V8800</u>	2437	564	5.74
<u>Radeon Pro WX 3100</u>	2439	563	NA
<u>Radeon Ryzen 5 5600H</u>	2443	562	NA
<u>Ryzen 7 PRO 5750G with Radeon Graphics</u>	2452	561	NA
<u>GeForce MX250</u>	2455	560	NA
<u>Barco MXRT 5600</u>	2465	559	3.50
<u>Ryzen 5 PRO 5650GE with Radeon Graphics</u>	2470	558	NA
<u>Radeon Pro WX 3200</u>	2472	557	14.11

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Home Video Card ▼			
Ryzen 7 PRO 4750GE with Radeon Graphics	2349	544	NA
Radeon Ryzen 9 4900H	2575	543	NA
Radeon HD 8950	2583	542	NA
Ryzen 5 5600G with Radeon Graphics	2584	541	NA
GeForce GTX 950M	2595	540	4.58
Radeon Ryzen 7 4700G	2596	539	NA
Radeon Ryzen 7 PRO 4750G	2600	538	NA
GRID T4-2B	2601	537	NA
Ryzen 5 5600GE with Radeon Graphics	2601	536	NA
GRID M10-8Q	2606	535	NA
Radeon Ryzen 7 7700X 8-Core	2617	534	NA
Radeon HD 6950	2634	533	18.82
MONSTER GeForce GTX 675M	2637	532	NA
FirePro R5000	2646	531	24.06
Ryzen 7 5700GE with Radeon Graphics	2656	530	NA
Quadro K4100M	2659	529	10.18
Radeon Ryzen 7 5800H	2668	528	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	527	NA
GeForce GTX 465	2683	526	13.76
Radeon RX 550	2686	524	17.42
Radeon Ryzen 7 4700GE	2686	525	NA
Intel Iris Xe	2689	523	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
FirePro M6100 FireGL V	2749	510	NA
FirePro W4300	2757	509	11.49
Quadro K5000M	2763	508	5.43
Radeon R9 M380	2770	507	NA
Ryzen 7 5800H with Radeon Graphics	2782	506	NA
GeForce GTX 770M	2792	505	20.24
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Radeon Ryzen 7 PRO 7730U	2796	504	NA
Ryzen 7 5700G with Radeon Graphics	2803	503	NA
Quadro M620	2809	502	NA
FirePro 3D V9800	2811	501	1.13
Radeon HD 6970	2822	500	18.82
GeForce MX350	2833	499	NA
GRID K280Q	2839	498	NA
Radeon Pro V340 MxGPU	2853	497	NA
Eng Sample: 100-000000261-50_Y	2859	496	NA
Quadro K1200	2872	495	10.07
Ryzen 9 5900HX with Radeon Graphics	2890	494	NA
Radeon R7 260	2891	493	32.13
Tesla K20Xm	2917	492	NA
Quadro M1000M	2927	491	34.04
GRID K260Q	2949	490	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Tesla C2070</u>	3101	470	<u>5.13</u>
<u>Radeon Pro 455</u>	3112	475	<u>6.93</u>
<u>Tesla C2075</u>	3118	474	<u>4.83</u>
<u>Radeon Pro 555</u>	3140	473	<u>2.99</u>
<u>Radeon R7 260X</u>	3148	472	<u>22.49</u>
<u>FirePro V7000</u>	3161	470	NA
<u>FirePro W7170M</u>	3161	471	NA
<u>GeForce GTX 680M</u>	3175	469	<u>23.35</u>
<u>Radeon R9 260</u>	3181	467	NA
<u>Radeon RX 560X</u>	3181	468	NA
<u>Radeon R9 M290X</u>	3217	466	NA
<u>Ryzen 5 6600U with Radeon Graphics</u>	3233	465	NA
<u>Quadro P600</u>	3238	464	<u>15.62</u>
<u>GeForce 770M</u>	3245	463	<u>18.34</u>
<u>GRID T4-4Q</u>	3260	462	NA
<u>Radeon Pro</u>	3272	461	<u>14.23</u>
<u>Quadro M1200</u>	3280	460	NA
<u>Tesla K40m</u>	3281	459	NA
<u>Tesla C2050</u>	3323	458	<u>12.31</u>
<u>GeForce GTX 650 Ti BOOST</u>	3328	457	NA
<u>GeForce GTX 590</u>	3341	456	<u>7.68</u>
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon Pro 400</u>	3432	442	NA
<u>GeForce GTX 870M</u>	3470	441	NA
<u>Radeon Pro 560</u>	3475	440	NA
<u>Tesla M10</u>	3490	439	<u>1.30</u>
<u>Ryzen 5 PRO 6650U</u>	3492	438	NA
<u>Radeon Ryzen 5 6600U</u>	3493	437	NA
<u>Quadro 7000</u>	3505	436	NA
<u>Quadro K2200</u>	3538	435	<u>13.19</u>
<u>Radeon RX Vega M GL</u>	3562	434	NA
<u>GeForce GTX 680M KY_Bullet Edition</u>	3568	432	NA
<u>GRID M6-8Q</u>	3568	433	NA
<u>Quadro P620</u>	3581	431	<u>7.77</u>
<u>Radeon Ryzen 5 PRO 6650U</u>	3586	430	NA
<u>T400</u>	3623	429	<u>20.13</u>
<u>Ryzen 5 PRO 6650U with Radeon Graphics</u>	3629	428	NA
<u>Radeon RX 560</u>	3635	427	<u>17.93</u>
<u>T500</u>	3639	426	NA
<u>T400 4GB</u>	3659	425	NA
<u>Radeon R9 M485X</u>	3660	424	NA
<u>Radeon Pro 560X</u>	3677	423	NA
<u>Ryzen 5 6600HS Creator Edition</u>	3685	422	NA
<u>GeForce GTX 965M</u>	3710	421	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
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Video Card



<u>Radeon HD 7970M</u>	3540	408	NA
<u>GeForce GTX 1050 with Max-Q Design</u>	3868	407	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Radeon HD 8970M</u>	3876	406	<u>27.69</u>
<u>GRID M60-8Q</u>	3883	405	NA
<u>GeForce GTX 750 Ti</u>	3897	404	<u>44.24</u>
<u>Radeon Ryzen 9 PRO 6950HS</u>	3901	403	NA
<u>GeForce GTX 570</u>	3919	402	<u>26.13</u>
<u>GRID P6-2Q</u>	3925	401	NA
<u>Quadro M2000</u>	3930	400	<u>14.87</u>
<u>Intel Arc A380</u>	3966	399	NA
<u>Quadro K5000</u>	3968	398	<u>15.94</u>
<u>GeForce GTX 660</u>	3992	397	<u>23.77</u>
<u>GRID P40-2Q</u>	4023	396	NA
<u>Radeon HD 7800-serie</u>	4029	395	NA
<u>Radeon RX 6500</u>	4032	394	NA
<u>GeForce GTX 480</u>	4042	393	<u>23.78</u>
<u>Radeon PRO Ryzen 5 PRO 6650U</u>	4066	392	NA
<u>FirePro W8000</u>	4095	391	<u>7.15</u>
<u>Radeon RX 460</u>	4114	390	<u>24.67</u>
<u>Radeon Ryzen 7 4800H</u>	4129	389	NA
<u>GeForce GTX 680MX</u>	4142	388	NA
<u>GRID M60-10Q</u>	4187	387	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>GRID GTX P40-b</u>	4340	374	NA
<u>Radeon Ryzen 5 7535HS</u>	4343	373	NA
<u>FirePro W7000 Adapter</u>	4361	372	NA
<u>GeForce GTX 660 Ti</u>	4368	371	<u>30.34</u>
<u>Quadro P1000</u>	4421	370	<u>15.25</u>
<u>GRID P6-4Q</u>	4429	369	NA
<u>Citrix Indirect Display Adapter</u>	4446	368	NA
<u>GRID M60-1B</u>	4456	367	NA
<u>GeForce GTX 1050 (Mobile)</u>	4461	366	NA
<u>Radeon HD 7870 XT</u>	4469	365	NA
<u>Radeon R7 370</u>	4505	364	NA
<u>GRID T4-8Q</u>	4518	363	NA
<u>FirePro S7000</u>	4523	362	<u>18.35</u>
<u>GeForce GTX 580</u>	4531	361	<u>32.39</u>
<u>Radeon Pro 465</u>	4537	360	NA
<u>B8DKMDAP</u>	4557	359	NA
<u>GeForce MX550</u>	4584	358	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
<u>Radeon HD 7870</u>	4636	357	<u>26.34</u>
<u>Radeon Pro Vega 16</u>	4682	356	NA
<u>Ryzen 7 6800U with Radeon Graphics</u>	4708	355	NA
<u>Radeon R9 370</u>	4722	354	<u>29.51</u>
<u>GRID P60-2Q</u>	4727	353	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon Ryzen 7 PRO 6800U</u>	4893	340	NA
<u>Radeon Pro WX Vega M GL</u>	4897	339	NA
<u>FirePro S9050</u>	4901	338	NA
<u>Radeon R9 270X</u>	4913	337	<u>15.05</u>
<u>Barco MXRT 7600</u>	4943	336	<u>8.20</u>
<u>Ryzen 7 PRO 6850U with Radeon Graphics</u>	4966	335	NA
<u>Radeon Ryzen 9 7900 12-Core</u>	4989	334	NA
<u>Ryzen 7 6800U</u>	5006	333	NA
<u>Radeon R9 M395</u>	5017	332	NA
<u>GeForce GTX 1050</u>	5045	331	<u>21.03</u>
<u>EIZO Quadro MED-XN51LP</u>	5048	330	NA
<u>Radeon Ryzen 7 7735U</u>	5057	329	NA
<u>FirePro S9000</u>	5059	328	NA
<u>Quadro P2000 with Max-Q Design</u>	5061	327	NA
<u>Ryzen 9 PRO 6950HS with Radeon Graphics</u>	5067	326	NA
<u>Ryzen 7 PRO 6860Z</u>	5076	325	NA
<u>GeForce GTX 1630</u>	5080	324	<u>36.29</u>
<u>GeForce GTX 1050 3GB</u>	5112	323	NA
<u>Radeon Ryzen 7 PRO 6850U</u>	5127	322	NA
<u>GeForce GTX 760 Ti</u>	5145	321	<u>17.30</u>
<u>Radeon R9 M295X</u>	5150	320	<u>3.55</u>
<u>Q12U-1</u>	5164	319	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon Pro vega 20</u>	5334	300	NA
<u>GeForce GTX 950</u>	5343	305	<u>37.63</u>
<u>Ryzen 7 6800HS Creator Edition</u>	5345	304	NA
<u>GRID P40-4Q</u>	5364	303	NA
<u>GeForce GTX 1050 Ti with Max-Q Design</u>	5395	302	NA
<u>Ryzen 9 6900HX</u>	5415	301	NA
<u>GeForce GTX 760 Ti OEM</u>	5427	300	NA
<u>Quadro M3000M</u>	5439	299	<u>34.01</u>
<u>GeForce GTX 680</u>	5523	297	<u>13.84</u>
<u>GRID M60-8A</u>	5523	298	NA
<u>Radeon R9 285 / 380</u>	5549	296	<u>11.44</u>
<u>GeForce GTX 690</u>	5556	295	<u>19.78</u>
<u>Radeon HD 7990</u>	5565	294	<u>13.91</u>
<u>Ryzen 7 PRO 6850U</u>	5580	293	NA
<u>Radeon Ryzen 7 PRO 6850H</u>	5604	292	NA
<u>Radeon R9 280</u>	5605	291	NA
<u>Radeon Pro WX 5100</u>	5607	290	<u>15.58</u>
<u>Ryzen 9 PRO 6950H</u>	5661	289	NA
<u>Radeon Ryzen 7 6800H</u>	5691	288	NA
<u>GeForce GTX 970M</u>	5730	287	<u>27.29</u>
<u>GeForce MX570</u>	5773	286	NA
<u>Ryzen 9 6900HS with Radeon Graphics</u>	5827	285	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
FirePro W9000	6138	212	1.20
Radeon R9 380	6240	271	69.35
Radeon R9 280X	6252	270	NA
Radeon R9 380X	6261	269	17.89
Quadro M4000M	6276	268	24.62
GeForce GTX 1050 Ti	6299	267	30.73
Radeon Pro 570	6336	266	NA
Radeon Ryzen 7 4800HS	6344	265	NA
GeForce GTX 1650 Ti with Max-Q Design	6354	264	NA
T600	6508	263	27.12
Quadro P3000	6560	262	NA
Radeon RX Vega M GH	6566	261	NA
Radeon Pro WX 7130	6577	260	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
Quadro T1000	6592	259	16.28
Quadro M4000	6647	258	18.36
Quadro T1000 with Max-Q Design	6665	257	NA
GeForce GTX 970XM FORCE	6706	256	NA
Radeon Ryzen 9 7950X 16-Core	6740	255	NA
RTX A500 Laptop GPU	6806	254	NA
Radeon Pro 5500M	6825	253	NA
Quadro T2000 with Max-Q Design	6861	252	NA
Radeon Pro 5500M with Max-Q Design	6885	251	NA



Video Card



Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Radeon 7800M</u>	7371	238	NA
<u>Radeon Pro 5300</u>	7493	237	NA
<u>Radeon RX 6400</u>	7496	236	<u>46.86</u>
<u>Tesla M6</u>	7509	235	<u>37.73</u>
<u>Radeon Pro 580X</u>	7540	234	NA
<u>GeForce GTX 1650 Ti</u>	7543	233	NA
<u>Radeon Ryzen 7 6800HS</u>	7583	232	NA
<u>T1000 8GB</u>	7654	231	NA
<u>Radeon RX 5300</u>	7662	230	NA
<u>T1000</u>	7684	229	<u>18.97</u>
<u>Radeon Ryzen 9 4900HS</u>	7686	228	NA
<u>Radeon Pro 580</u>	7753	227	NA
<u>Tesla M60</u>	7770	226	<u>9.86</u>
<u>Radeon RX 580 2048SP</u>	7774	225	NA
<u>Radeon RX 580X</u>	7798	223	NA
<u>T1200 Laptop GPU</u>	7798	224	NA
<u>Radeon RX 5600M</u>	7838	222	NA
<u>GeForce GTX 1650</u>	7853	221	<u>52.36</u>
<u>Radeon Pro WX 7100</u>	7903	220	<u>7.54</u>
<u>Quadro M5500</u>	7915	219	NA
<u>FirePro W9100</u>	7927	218	<u>4.58</u>
<u>Radeon PRO W6400</u>	7935	217	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Ryzen 5 4600HS with Radeon Graphics</u>	6370	204	NA
<u>Radeon R9 290X / 390X</u>	8389	203	26.22
<u>Radeon R9 290</u>	8400	202	NA
<u>Radeon RX590 GME</u>	8478	201	NA
<u>Quadro RTX 3000 with Max-Q Design</u>	8586	200	NA
<u>Intel Arc A770</u>	8629	199	25.38
<u>Radeon R9 295X2</u>	8637	198	17.31
<u>GeForce GTX 1660 Ti with Max-Q Design</u>	8676	197	NA
<u>Radeon RX 480</u>	8694	196	25.57
<u>Radeon R9 290X</u>	8717	195	NA
<u>Quadro P3200</u>	8792	194	22.59
<u>Radeon RX 5500</u>	8830	193	NA
<u>GeForce GTX 1060 5GB</u>	8917	192	18.27
<u>Radeon RX 580</u>	8917	191	49.55
<u>GRID P40-8Q</u>	8967	190	NA
<u>GeForce GTX TITAN Z</u>	8986	189	5.93
<u>Radeon R9 390</u>	9037	188	NA
<u>GeForce GTX TITAN Black</u>	9057	187	17.25
<u>Quadro P4000 with Max-Q Design</u>	9082	186	NA
<u>Radeon Pro W5500</u>	9106	185	22.21
<u>Tesla P4</u>	9120	184	NA
<u>NVIDIA A40</u>	9169	183	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
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Video Card



GeForce GTX 970	9041	170	40.51
Radeon R9 Fury + Fury X	9741	169	21.65
GeForce GTX 1060 3GB	9743	168	36.09
GeForce RTX 2060 with Max-Q Design	9783	167	NA
GeForce RTX 3050 6GB Laptop GPU	9955	166	NA
GeForce GTX 1070 with Max-Q Design	10060	165	NA
Radeon R9 Fury X	10062	164	NA
RTX A2000 Laptop GPU	10069	163	NA
GeForce GTX 1060	10075	162	35.98

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
GeForce GTX 1650 SUPER	10114	161	35.44
GeForce RTX 3050 Ti Laptop GPU	10134	160	NA
GeForce GTX 1660 Ti (Mobile)	10179	159	NA
Tesla M40	10212	158	17.02
Quadro P4200	10412	157	NA
GeForce GTX 1070 (Mobile)	10465	156	NA
Tesla M40 24GB	10474	155	NA
Radeon Pro SSG	10497	154	4.36
Tesla T4	10867	153	2.34
RTX A2000 8GB Laptop GPU	10938	152	NA
Quadro RTX 3000	11067	151	NA
GeForce GTX 980	11131	150	45.00
RTX A1600 8GB Laptop GPU	11272	149	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard (higher is better)
 Video Card ▼			
<u>Quadro P4200 with Max-Q Design</u>	12207	130	NA
<u>Radeon RX 6850M</u>	12274	135	NA
<u>Quadro P5000</u>	12281	134	<u>6.57</u>
<u>Radeon Pro Vega 56</u>	12353	133	NA
<u>GeForce RTX 2070 (Mobile)</u>	12354	132	NA
<u>Quadro RTX 4000 (Mobile)</u>	12364	131	NA
<u>RTX A3000 Laptop GPU</u>	12485	130	NA
<u>Quadro P5200 with Max-Q Design</u>	12612	129	NA
<u>Radeon RX 6650M</u>	12617	128	NA
<u>Tesla T10</u>	12650	127	NA
<u>Radeon Pro 5700 XT</u>	12690	126	NA
<u>Quadro RTX 4000 with Max-Q Design</u>	12706	125	NA
<u>Quadro P5200</u>	12789	124	NA
<u>GeForce GTX 1660 SUPER</u>	12805	123	<u>53.36</u>
<u>Radeon Pro Vega 64</u>	12918	122	NA
<u>GeForce GTX 1660 Ti</u>	12954	121	<u>39.34</u>
<u>Radeon RX 6800M</u>	12971	120	NA
<u>GeForce RTX 3050</u>	13012	119	<u>59.16</u>
<u>GeForce GTX TITAN X</u>	13072	118	<u>11.92</u>
<u>Radeon PRO W6600X</u>	13113	117	NA
<u>GeForce RTX 2080 with Max-Q Design</u>	13182	116	<u>6.28</u>
<u>Radeon Pro WX 9100</u>	13192	115	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videoca (higher
GeForce GTX 980 Ti	13800	102	17.33
Radeon Pro WX 8200	13925	101	8.71
GeForce RTX 2070 Super with Max-Q Design	14021	100	NA
RTX A2000 12GB	14027	99	NA
GeForce RTX 2060	14102	98	55.30
Radeon 6700	14158	97	NA
RTX A3000 12GB Laptop GPU	14595	96	NA
Radeon RX Vega 64	14614	95	19.49
Radeon RX 6700S	14648	94	NA
Radeon RX 7600M XT	14691	93	NA
Radeon RX 7600S	14695	92	NA
GeForce GTX 1070 Ti	14709	91	25.81
Radeon RX 5700	14716	90	47.47
Quadro RTX 5000 (Mobile)	14832	89	NA
GeForce RTX 2080 (Mobile)	15107	88	NA
Radeon RX 6600	15174	87	46.12

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