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 Video Card will take you to the chart it appears in and will highlight it for you.

Single Video Card

Find Videocard

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireMV 2200 PCI	1	2664	NA	NA
Intel 82852/82855 GM/GME Controller	1	2661	NA	NA
Intel Extreme Controller	1	2652	NA	NA
Mobile Intel 915GM/GMS/910GML Express	1	2655	NA	NA
Mobile Intel 945 Express	1	2656	NA	NA
Quadro2 Pro	1	2663	NA	NA
RADEON IGP 34xM	1	2658	NA	NA
Rage 128 Pro	1	2660	NA	NA
RAGE 128 PRO AGP 4X TMDS	1	2662	NA	NA
S3 ProSavageDDR	1	2659	NA	NA
S3 SuperSavage/IXC 1014	1	2653	NA	NA
VIA Chrome9 HCM IGP	1	2657	NA	NA
VisionTek Radeon 7000	1	2654	NA	NA

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

Video Card

GeForce2 MX with TV Out	2	2640	NA	NA
GeForce3 Ti 500	2	2642	NA	NA
Intel 82845G Controller	2	2650	NA	NA
Intel 82845G/GL Controller	2	2637	NA	NA
Intel 82845G/GL/GE/PE/GV Controller	2	2629	NA	NA
Intel 82915G/GV/910GL Advanced v3.5	2	2636	NA	NA
Intel 946GZ Express	2	2648	NA	NA
Intel GMA 3150 Express	2	2643	NA	NA
Intel Media Accelerator 3150	2	2628	NA	NA
MOBILITY RADEON 9100 IGP	2	2627	NA	NA
Quadro NVS 280 SD	2	2645	NA	NA
Radeon 7000 / Radeon VE	2	2634	NA	NA
RADEON 7200	2	2630	0.00	$599.99*
RADEON 9200 LE Family	2	2638	NA	NA
RADEON 9200 PRO Family	2	2631	NA	NA
RADEON 9200 SE	2	2641	NA	NA
RADEON 9250	2	2639	0.01	$194.00*
Radeon IGP 340M	2	2644	NA	NA
RADEON IGP 345M	2	2633	NA	NA
Radeon VE	2	2651	NA	NA
VIA Chrome9 HC IGP Prerelease WDDM 1.1	2	2649	NA	NA
VIA Chrome9 HC IGP WDDM	2	2646	NA	NA
VIA Chrome9 HC3 IGP	2	2635	NA	NA
ABIT Siluro T400	3	2597	NA	NA
AMIGAMERLIN 3.1-R1 For Voodoo 4 4500 PCI	3	2622	NA	NA
GeForce 6200A	3	2605	0.07	$54.99*
GeForce2 GTS/GeForce2 Pro	3	2594	NA	NA
GeForce2 MX 100/200	3	2618	NA	NA
GeForce2 MX/MX 400	3	2596	NA	NA
GeForce4 420 Go	3	2615	NA	NA
GeForce4 4200 Go	3	2595	NA	NA
GeForce4 440 Go	3	2602	NA	NA

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

Video Card

Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
Intel 946GZ Embedded Chipset	3	2619	NA	NA
Intel Media Accelerator 500	3	2611	NA	NA
Matrox Parhelia 128MB	3	2613	0.01	$393.99*
MOBILITY RADEON 7500	3	2607	NA	NA
MOBILITY RADEON 9000	3	2617	NA	NA
MOBILITY RADEON 9200	3	2626	NA	NA
RADEON 7000 / RADEON VE Family	3	2599	NA	NA
RADEON 7500	3	2620	0.02	$177.25*
RADEON 9000 Family	3	2609	NA	NA
RADEON 9200	3	2606	0.02	$153.63*
RADEON IGP 320	3	2601	NA	NA
Radeon IGP 320M	3	2608	NA	NA
Rage Fury Pro/Xpert 2000 Pro	3	2623	NA	NA
RIVA TNT2 Model 64/Model 64 Pro	3	2600	NA	NA
RIVA TNT2/TNT2 Pro	3	2612	NA	NA
S3 Inc. Savage4	3	2621	NA	NA
Vanta/Vanta LT	3	2625	NA	NA
VIA Chrome9 HC IGP Family	3	2598	NA	NA
VIA Chrome9 HC IGP Family WDDM	3	2610	NA	NA
VIA Chrome9 HC IGP WDDM 1.1	3	2614	NA	NA
VIA/S3G DeltaChrome IGP	3	2616	NA	NA
ALL-IN-WONDER 9000	4	2564	NA	NA
ASUS AGP-V3800PRO v31.40H	4	2583	NA	NA
Dell 8200	4	2585	NA	NA
GeForce2 Go	4	2589	NA	NA
GeForce2 Integrated GPU	4	2584	NA	NA
GeForce2 MX with DVI-D and TV-out	4	2568	NA	NA
GeForce2 Ti	4	2576	NA	NA
GeForce3	4	2565	NA	NA
GeForce3 Ti 200	4	2591	NA	NA
GeForce4 440	4	2562	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce4 MX 440 with AGP8X	4	2566	NA	NA
GeForce4 MX 440SE	4	2578	NA	NA
GeForce4 MX 460	4	2588	NA	NA
Intel 82865G Controller	4	2573	NA	NA
Intel 915G,910G Express	4	2593	NA	NA
Intel 915G/915GV/910GL Embedded Controller Functio	4	2574	NA	NA
Intel 945G Embedded Chipset Function 0	4	2581	NA	NA
MOBILITY FIREGL 7800	4	2570	NA	NA
MOBILITY/RADEON 9000	4	2590	NA	NA
Quadro2 MXR/EX	4	2580	NA	NA
Quadro4 900 XGL	4	2563	NA	NA
RADEON 7500 Family	4	2571	NA	NA
RADEON 9000	4	2575	NA	NA
VIA Chrome9 HC IGP	4	2586	NA	NA
VIA/S3G KM400/KN400	4	2592	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
VIA/S3G UniChrome IGP	4	2587	NA	NA
VIA/S3G UniChrome Pro IGP	4	2572	NA	NA
WinFast A250 LE	4	2567	NA	NA
XGI Volari Family v1.13.23.D_V	4	2577	NA	NA
ALL-IN-WONDER RADEON 8500DV	5	2550	NA	NA
GeForce 256	5	2560	0.12	$42.04*
GeForce4 420 Go 32M	5	2555	NA	NA
GeForce4 440 Go 64M	5	2541	NA	NA
GeForce4 448 Go	5	2552	NA	NA
GeForce4 Ti 4200	5	2551	NA	NA
GeForce4 Ti 4600	5	2553	0.10	$53.99*
GeForce4 Ti 4800	5	2543	NA	NA
Intel 82915G Express	5	2547	NA	NA
Matrox Millennium P650 PCIe 128	5	2556	NA	NA
Matrox Parhelia APVe	5	2549	NA	NA
Mobile Intel 945GM Express	5	2544	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro 280 NVS PCIe	5	2545	NA	NA
Quadro4 980 XGL	5	2561	0.01	$341.43*
RADEON 9100 IGP	5	2554	NA	NA
SAPPHIRE RADEON 9000 ATLANTIS PRO	5	2558	NA	NA
VIA/S3G UniChromeII	5	2542	NA	NA
Xabre	5	2559	NA	NA
GeForce PCX 5300	6	2537	NA	NA
GeForce2 Ultra	6	2535	NA	NA
GeForce4 MX Integrated GPU	6	2533	NA	NA
GeForce4 Ti 4800 SE	6	2529	NA	NA
Intel Media Accelerator 600	6	2528	NA	NA
Matrox Millennium P690 Plus LP PCIe x16	6	2530	NA	NA
MOBILITY RADEON 7000 IGP	6	2536	NA	NA
Quadro NVS 55/280 PCI	6	2539	NA	NA
Quadro4 380 XGL	6	2531	NA	NA
RADEON 8500 Family	6	2532	NA	NA
RADEON 9100 Family	6	2538	NA	NA
RADEON IGP 350M	6	2540	NA	NA
V9560XT	6	2534	NA	NA
ASUS V9520-X V62.11	7	2521	NA	NA
GeForce FX 5100	7	2520	NA	NA
GeForce FX 5200	7	2523	0.06	$129.00*
GeForce FX 5200LE	7	2527	0.16	$42.99*
GeForce4 Ti 4400	7	2526	NA	NA
Intel Q33 Express	7	2524	NA	NA
Intel US15 Embedded Media and Controller	7	2525	NA	NA
MOBILITY RADEON 9000 IGP	7	2519	NA	NA
Quadro FX 500/FX 600	7	2522	NA	NA
GeCube RADEON 7000	8	2512	NA	NA
GeForce FX 5500	8	2515	0.05	$153.97*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce FX Go 5200	8	2513	NA	NA

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

Video Card

Quadro NVS 280 PCI	8	2517	0.06	$130.00
ASUS A7000	9	2510	NA	NA
GeForce FX 5600XT	9	2511	NA	NA
Matrox Parhelia 256MB	9	2508	NA	NA
VIA Chrome9 HD IGP	9	2509	NA	NA
Intel 82945G Express	10	2505	NA	NA
Master X3100 Driver	10	2506	NA	NA
MOBILITY IGP 9000/9100	10	2507	NA	NA
FireMV 2400 PCIe	11	2502	NA	NA
GeForce FX 5200SE	11	2501	NA	NA
PHDGD Solo 1.2.0 x86	11	2504	NA	NA
RGH Drivers v3	11	2503	NA	NA
GeForce 7000M / nForce 610M	12	2497	NA	NA
GeForce FX 5200 Ultra	12	2500	NA	NA
GeForce FX 5600	12	2498	NA	NA
GeForce FX Go5300	12	2499	NA	NA
GeForce 7000M	13	2496	NA	NA
Quadro FX 500/600 PCI	14	2494	NA	NA
Radeon HD 2400 PCI	14	2495	NA	NA
GeForce Go 6200	15	2493	NA	NA
NV44	15	2492	NA	NA
GeForce FX Go5650	16	2490	NA	NA
GRID V100-8Q	16	2491	NA	NA
GeForce FX 5600 Ultra	17	2489	NA	NA
GeForce FX Go 5600	17	2487	NA	NA
GeForce Go 6100	17	2486	NA	NA
Mobile Intel965 Express	17	2488	NA	NA
GeForce 7150M / nForce 630M	18	2483	NA	NA
Quadro FX 2000	18	2485	NA	NA
QXL KMDOD	18	2480	NA	NA
RADEON 9600 TX Family	18	2482	NA	NA
RADEON XPRESS 200 CROSSFIRE	18	2484	NA	NA

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

Video Card

PHDGD Solo 2 x64	20	2477	NA	NA
Quadro NVS 210S / GeForce 6150LE	20	2476	NA	NA
GeForce 6150	21	2475	0.07	$329.00*
RADEON A9800XT	22	2473	NA	NA
RADEON XPRESS 200M	22	2474	NA	NA
ALL-IN-WONDER 9800	23	2470	NA	NA
GeForce 6100 nForce 430	23	2472	NA	NA
GeForce 7200 GS	23	2471	NA	NA
Matrox M9140 LP PCIe x16	23	2469	NA	NA
Quadro NVS 210S	23	2467	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RADEON 9800 SE	23	2468	NA	NA
GeForce 6150SE	24	2463	NA	NA
GeForce FX 5700LE	24	2464	NA	NA
GeForce Go 6400	24	2465	NA	NA
Mobile Intel 965 Express-Chipsatzfamilie	24	2466	NA	NA
MOBILITY RADEON 9600 PRO TURBO	24	2462	NA	NA
GeForce 6100 nForce 400	25	2460	NA	NA
GeForce 6100 nForce 420	25	2459	NA	NA
GeForce 7050 / nForce 610i	25	2457	NA	NA
Matrox M9120 Plus LP PCIe x16	25	2456	NA	NA
Matrox M9125 PCIe x16	25	2458	NA	NA
PHDGD Sapphire GR for Mobile Intel 965	25	2455	NA	NA
RADEON 9600 Family	25	2461	NA	NA
GeForce 6100 nForce 405	26	2451	NA	NA
GeForce 7100 / nForce 620i	26	2454	NA	NA
RADEON 9600 PRO Family	26	2452	NA	NA
Radeon Xpress 1270	26	2453	NA	NA
GeForce 6100	27	2449	NA	NA
MOBILITY FireGL V5250	27	2447	NA	NA
MOBILITY RADEON 9700	27	2446	NA	NA
MOBILITY RADEON XPRESS 200	27	2450	NA	NA

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

Video Card

RADEON XPRESS 200	29	2444	NA	NA
All-in-Wonder X1800XL	30	2442	NA	NA
FireGL T2-128	30	2440	NA	NA
GeForce 6150SE nForce 430	30	2439	NA	NA
MOBILITY RADEON 9550	30	2441	NA	NA
GeForce 7050 PV / nForce 630a	31	2437	NA	NA
Matrox M9128 LP PCIe x16	31	2435	NA	NA
Radeon X1270	31	2438	NA	NA
Red Hat QXL controller	31	2436	NA	NA
GeForce 6200 A-LE	32	2434	NA	NA
GeForce 6200 LE	32	2430	0.80	$41.24*
GeForce 7025 / nForce 630a	32	2431	NA	NA
GeForce FX 5900ZT	32	2432	NA	NA
Intel Media Accelerator	32	2429	NA	NA
Radeon X1200	32	2433	NA	NA
GeForce 6150 LE	33	2425	NA	NA
GeForce 7150 / nForce 630i	33	2428	NA	NA
GeForce FX 5700VE	33	2427	NA	NA
MOBILITY FIREGL T2/T2e	33	2423	NA	NA
Mobility Radeon X1450	33	2426	NA	NA
MOBILITY RADEON X300	33	2422	NA	NA
S3 Chrome S27 DDR3	33	2424	NA	NA
GeForce FX 5700 Ultra	34	2419	NA	NA
GeForce FX 5900	34	2416	NA	NA
GeForce PCX 5750	34	2414	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce PCX 5900	34	2420	NA	NA
Quadro FX 1000	34	2418	NA	NA
Quadro FX 1300	34	2417	NA	NA
RADEON 9550	34	2415	0.12	$291.74*
Radeon Xpress 1100	34	2421	NA	NA
Quadro FX 1100	35	2411	0.17	$212.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FireMV 2200 PCIe	36	2409	0.40	$89.99
Matrox G200eR	36	2406	NA	NA
MOBILITY RADEON 9600	36	2410	NA	NA
RADEON 9500	36	2408	0.90	$40.50*
256MB DDR Radeon 9800 XT	37	2401	NA	NA
GeForce 6200	37	2403	0.71	$53.17*
GeForce 6200SE TurboCache	37	2405	NA	NA
GeForce 7050 / nForce 630i	37	2400	NA	NA
Quadro NVS 440	37	2402	0.16	$228.87*
Radeon X1250	37	2404	NA	NA
GeForce 6500	38	2397	NA	NA
Mobile Intel - famiglia Express Chipset 45	38	2396	NA	NA
Quadro NVS 285 128MB	38	2398	0.70	$55.00*
RADEON X300SE	38	2399	NA	NA
GeForce 7300 SE	39	2395	NA	NA
Matrox G200eW	39	2391	NA	NA
MOBILITY RADEON 9600/9700	39	2394	NA	NA
Mobility Radeon X1300	39	2392	NA	NA
Mobility Radeon X1350	39	2390	NA	NA
S3 Chrome 430 ULP	39	2393	NA	NA
GeForce FX 5700	40	2384	NA	NA
GeForce FX 5900XT	40	2389	NA	NA
Matrox G200eh	40	2386	NA	NA
Matrox M9148 LP PCIe x16	40	2388	NA	NA
MOBILITY FIREGL T2	40	2385	NA	NA
Radeon Xpress 1300M	40	2387	NA	NA
GeForce 7050 / nForce 620i	41	2381	NA	NA
GeForce 7100 / nForce 630i	41	2378	NA	NA
GeForce FX 5900 Ultra	41	2383	NA	NA
Intel G33/G31 Express	41	2382	NA	NA
Mobile Intel 45 Express	41	2380	NA	NA
RADEON 9500 PRO / 9700	41	2379	NA	NA

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

Video Card

Radeon Xpress 1250	42	2376	NA	NA
Quadro NVS 285	43	2373	0.26	$169.86*
GeForce Go 6600 TE/6200 TE	44	2368	NA	NA
Mobile Intel 4 Express-Chipsatzfamilie	44	2371	NA	NA
Mobile Intel serie 4 Express	44	2370	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
MOBILITY FireGL V5200	44	2367	NA	NA
Quadro FX 350M	44	2369	NA	NA
Radeon 9700 TX w/TV-Out	44	2372	NA	NA
FireMV 2250	45	2364	0.44	$104.00*
GeForce Go 7200	45	2366	NA	NA
Matrox G200eR WDDM 1.2	45	2365	NA	NA
Matrox G200eh WDDM 2.0	46	2362	NA	NA
Mobile Intel 965 Express	46	2361	NA	NA
MOBILITY RADEON 9800	46	2363	NA	NA
Quadro NVS 120M	46	2360	NA	NA
GeForce 7300 SE/7200 GS	47	2358	NA	NA
Quadro NVS 110M	47	2357	NA	NA
Radeon X1550 64-bit	47	2356	NA	NA
SAPPHIRE RADEON 9600 ATLANTIS	47	2359	NA	NA
Mobility Radeon X2300	48	2355	NA	NA
Mobility Radeon X2300 HD	48	2354	NA	NA
MOBILITY RADEON X600 SE	49	2351	NA	NA
Radeon X1050	49	2352	NA	NA
Radeon X1600	49	2350	NA	NA
RADEON X600 SE	49	2353	0.87	$56.18*
Matrox G200eW WDDM 1.2	50	2349	NA	NA
Mobility Radeon HD 2300	50	2346	NA	NA
MOBILITY RADEON X600	50	2348	NA	NA
Quadro NVS 135M	50	2347	NA	NA
RADEON X550	50	2345	NA	NA
FirePro 2450	51	2344	0.57	$89.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Matrox G200eh WDDM 1.2	51	2339	NA	NA
RADEON E2400	51	2340	NA	NA
FireGL V3100	52	2335	NA	NA
GeForce 6200 TurboCache	52	2337	NA	NA
GeForce Go 7300	52	2338	NA	NA
Radeon Xpress 1300	52	2336	NA	NA
RADEON 9700 PRO	53	2334	NA	NA
Intel - Express Chipset G41	56	2331	NA	NA
RADEON 9800 XT	56	2330	NA	NA
RADEON X550XT	56	2333	NA	NA
RADEON X600 256MB HyperMemory	56	2332	NA	NA
Intel - Express Chipset Q45/Q43	57	2326	NA	NA
Intel G41 Express-Chipsatz	57	2328	NA	NA
Intel Q45/Q43 Express-Chipsatz	57	2329	NA	NA
RADEON 9800	57	2327	0.18	$325.00*
GeForce 6800 XE	58	2324	NA	NA
Radeon X1300	58	2325	0.61	$95.78*
FireGL X1	59	2323	NA	NA
GeForce FX 5950 Ultra	59	2322	NA	NA
Matrox G200e WDDM 1.2	59	2321	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
MOBILITY RADEON X700 XL	59	2318	NA	NA
Radeon 2100	59	2319	0.31	$190.99*
RADEON 9800 PRO	59	2320	NA	NA
SAPPHIRE Radeon X1550	61	2317	NA	NA
GeForce G 103M	62	2315	NA	NA
GeForce G 105M	62	2312	NA	NA
Intel HD manual-15.28-1861	62	2314	NA	NA
MOBILITY FireGL V3200	62	2316	NA	NA
Mobility Radeon HD 3410	62	2313	NA	NA
Quadro FX 550	63	2311	0.22	$287.82*
RADEON X800 PRO	64	2310	NA	NA

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

Video Card

Mobility Radeon HD 4225	66	2307	NA	NA
MOBILITY RADEON X700	66	2304	NA	NA
Quadro NVS 450	66	2303	0.14	$494.17
Radeon X1550	66	2306	0.43	$155.00*
GeForce 9400M G	67	2301	NA	NA
Intel G45/G43/G41 Express Chipset	67	2299	NA	NA
Matrox G200eR WDDM 2.0	67	2300	NA	NA
RADEON X600 PRO	67	2302	0.42	$160.49*
FireGL V3350	68	2295	NA	NA
GeForce 8400 SE	68	2297	NA	NA
GeForce 9100M G	68	2298	NA	NA
Intel Q35 Express	68	2296	NA	NA
BASICDISPLAY	69	2290	NA	NA
GeForce Go 6600	69	2291	NA	NA
Quadro FX 3000	69	2294	0.41	$166.61*
Radeon X1600 Pro / X1300XT	69	2293	NA	NA
RADEON X800 XL	69	2292	NA	NA
Diamond X1300-PCIE 256MB	70	2289	NA	NA
FireGL V3300	70	2287	NA	NA
Quadro NVS 150M	70	2288	NA	NA
Radeon X550XTX	70	2286	NA	NA
FireGL V7100	71	2281	0.22	$328.67*
M880G with Mobility Radeon HD 4225	71	2283	NA	NA
MEDION RADEON 9800 XXL	71	2282	NA	NA
Radeon X1650 SE	71	2285	NA	NA
RADEON X700 SE	71	2284	NA	NA
RADEON X700	72	2280	NA	NA
RADEON X850 PRO	72	2279	NA	NA
FireMV 2450	73	2275	NA	NA
Mobility Radeon HD 4300 Serisi	73	2278	NA	NA
Radeon 3100	73	2276	0.39	$189.15*
RADEON X800 PRO/GTO	73	2277	NA	NA

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

Video Card

Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
RADEON X700 PRO	75	2271	NA	NA
Radeon HD 2350	76	2270	NA	NA
GeForce 7300 GS	78	2267	NA	NA
GeForce 7300 LE	78	2269	2.45	$32.00*
Quadro NVS 140M	78	2268	NA	NA
GeForce 8100 / nForce 720a	79	2266	NA	NA
RADEON X800GT	79	2265	NA	NA
Quadro FX 540	80	2264	1.35	$59.99*
GeForce 8400	81	2260	0.14	$589.99*
GeForce 9100	81	2254	NA	NA
GeForce 9300 SE	81	2258	NA	NA
MOBILITY FireGL V5000	81	2257	NA	NA
Mobility Radeon 4100	81	2262	NA	NA
Mobility Radeon X2500	81	2256	NA	NA
nForce 980a/780a SLI	81	2259	NA	NA
RADEON X800 XT Platinum Edition	81	2261	NA	NA
RADEON X850 XT	81	2263	NA	NA
RADEON X850 XT Platinum Edition	81	2255	NA	NA
Radeon HD 3200	82	2253	NA	NA
GeForce 999 GTX	83	2250	NA	NA
nForce 750a SLI	83	2252	NA	NA
Quadro FX 370	83	2251	0.67	$125.00*
ALL-IN-WONDER X800 GT	84	2247	NA	NA
FireGL V3200	84	2244	NA	NA
GeForce 7500 LE	84	2243	NA	NA
GeForce 9300M G	84	2246	NA	NA
Radeon X1300 PRO	84	2248	NA	NA
Radeon X1650 Pro	84	2245	0.53	$160.89*
RADEON X800 GT	84	2249	NA	NA
Quadro FX 350	85	2242	NA	NA
GeForce 6600	86	2241	0.33	$264.00*

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

Video Card

Matrox G200eW3 WDDM 2.0	89	2237	NA	NA
Mobility Radeon HD 2400	89	2236	NA	NA
Mobility Radeon HD 4200	90	2235	NA	NA
GeForce 8600 GS	91	2231	NA	NA
GeForce G205M	91	2233	NA	NA
Mobility Radeon HD 3450	91	2234	NA	NA
RADEON X600XT	91	2232	NA	NA
FireGL V5100	92	2228	0.81	$114.96*
M880G with Mobility Radeon HD 4200	92	2227	NA	NA
Mobility Radeon HD 4270	92	2226	NA	NA
Mobility Radeon X1600	92	2229	NA	NA
nForce 780a SLI	92	2230	NA	NA
Mobility Radeon HD 3470	93	2224	NA	NA
Mobility Radeon HD 3470 Hybrid X2	93	2223	NA	NA
Quadro FX 370M	93	2225	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 6250	93	2222	NA	NA
MEDION RADEON X740XL	94	2221	NA	NA
GeForce 6700 XL	95	2219	NA	NA
GeForce 9300 GE	95	2220	4.13	$22.99*
Radeon HD 3000	95	2218	NA	NA
Mobility Radeon HD serie 4200	96	2217	NA	NA
GeForce 9300GE	97	2214	1.01	$97.20*
ION LE	97	2213	NA	NA
Quadro NVS 130M	97	2216	NA	NA
RADEON X800 XT	97	2215	NA	NA
GeForce 9400	98	2209	NA	NA
Mobility Radeon HD 3430	98	2212	NA	NA
Mobility Radeon HD 4250	98	2210	NA	NA
Radeon 3000	98	2211	0.31	$319.00*
Radeon X1600 Pro	98	2208	NA	NA
GeForce 8400M GS	100	2206	1.29	$78.20*

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

Video Card

Quadro FX 4000	101	2205	NA	NA
Quadro FX Go1400	101	2202	NA	NA
GeForce 6800 GS/XT	102	2199	NA	NA
GeForce 9300 GS	102	2200	1.71	$59.95*
Mobility Radeon HD 2400 XT	102	2201	NA	NA
Quadro FX 370 Low Profile	102	2198	NA	NA
FireGL V3400	103	2197	NA	NA
GeForce 9500M	103	2196	1.02	$101.20*
GeForce 9450	104	2190	NA	NA
M880G with Mobility Radeon HD 4250	104	2194	NA	NA
Mobility Radeon X1700	104	2191	NA	NA
Quadro FX 3400/4400	104	2193	NA	NA
Quadro FX 570M	104	2195	NA	NA
Radeon HD 6290	104	2192	NA	NA
GeForce 8400M G	105	2189	NA	NA
GeForce GT 320M	105	2187	NA	NA
GeForce9400M	105	2188	NA	NA
GeForce Go 6800	106	2186	NA	NA
Intel Media Accelerator HD	106	2184	NA	NA
Radeon Infoshock 3000	106	2183	NA	NA
Radeon X1950 GT	106	2185	NA	NA
ION	108	2181	0.47	$229.99*
Quadro FX 370 LP	108	2182	NA	NA
GeForce 6800 LE	109	2179	NA	NA
Radeon HD 4270	109	2178	NA	NA
VIA/S3G Chrome 645/640 GPU	109	2180	NA	NA
FireGL V7350	110	2176	0.93	$119.42*
Radeon HD 2600 Pro AGP	110	2177	NA	NA
Mobility Radeon HD 3400 Serisi	111	2174	NA	NA
Quadro NVS 295	111	2175	1.76	$63.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 4200	111	2173	NA	NA

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

Video Card

GeForce 8600M GT	112	2168	1.04	$108.10
Intel HD Modded	112	2171	NA	NA
Radeon X1950 Pro	112	2166	NA	NA
Sapphire RADEON X800 GT	112	2170	NA	NA
Quadro FX 560	113	2165	0.76	$150.25*
FireGL V5200	114	2163	0.86	$133.40*
GeForce 315M	114	2161	NA	NA
GeForce Go 7800	114	2162	NA	NA
Radeon HD 2400 Pro	114	2164	NA	NA
RADEON X800 GTO	114	2160	NA	NA
GeForce 8300 GS	115	2159	NA	NA
Radeon HD 3470	115	2157	1.06	$109.65*
Radeon X1600 XT	115	2158	NA	NA
FireGL V7200	116	2156	NA	NA
PHDGD Quantic C3	116	2154	NA	NA
Radeon X1700 Targa Edition	116	2155	NA	NA
FireMV 2260	117	2152	1.33	$88.08*
Mobile Intel 45 Express-Chipsatzfamilie	117	2153	NA	NA
GeForce 505	118	2149	1.03	$115.06*
GeForce 9300M GS	118	2150	2.73	$43.42*
NVS 3100M	118	2151	NA	NA
Qualcomm Adreno 540 GPU	118	2148	NA	NA
Radeon HD 2400 XT	118	2146	NA	NA
RV530 PRO	118	2147	NA	NA
GeForce 405	119	2145	4.85	$24.64*
Extreme AX850 PRO	120	2144	NA	NA
Quadro FX 380M	120	2141	NA	NA
Quadro NVS 420	120	2143	0.80	$150.00*
Radeon HD 2400	120	2142	1.37	$88.20*
GeForce 310M	121	2140	NA	NA
GeForce 9500M G	121	2138	NA	NA
GeForce G210	121	2137	1.00	$122.12*

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

Video Card

Radeon HD 6310	122	2135	NA	NA
GeForce 6800 XT	123	2132	NA	NA
Intel Haswell HD - GT1	123	2133	NA	NA
Radeon HD 7290M	123	2131	NA	NA
GeForce 210	124	2129	2.29	$54.15*
GeForce 8700M GT	124	2128	NA	NA
Quadro FX 1400	124	2130	0.51	$245.01*
Seria Mobility Radeon HD 3400	124	2127	NA	NA
GeForce 7300 GT	125	2126	0.84	$149.99*
GeForce 205	126	2125	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 8600 GT	126	2122	0.65	$196.00*
GeForce 9300	126	2123	2.15	$59.00*
Radeon HD 3300	126	2124	NA	NA
All-in-Wonder X1900	127	2120	NA	NA
GeForce Go 7600	127	2119	NA	NA
Qualcomm Adreno 618 GPU	127	2121	NA	NA
FireGL V7300	128	2116	0.11	$1,189.99*
GeForce 9300 / nForce 730i	128	2115	NA	NA
GeForce G210M	128	2118	NA	NA
Radeon HD 7310	128	2117	NA	NA
GeForce 9200M GS	129	2114	NA	NA
RADEON X800 SE	129	2113	NA	NA
GeForce 9600M GS	130	2111	NA	NA
MOBILITY RADEON X1800	130	2112	NA	NA
VIA/S3G C-645/640 GPU	132	2110	NA	NA
GeForce G105M	133	2109	NA	NA
Radeon HD 4330	133	2108	NA	NA
EAH5450	134	2105	1.22	$109.99*
GeForce 7650 GS	134	2107	NA	NA
GeForce 9500M GS	134	2106	NA	NA
GeForce 9800 GT 1024MB	134	2104	NA	NA

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

Video Card

GeForce G200	136	2100	NA	NA
Intel G41 Express Chipset	136	2099	NA	NA
Radeon HD 5450	136	2098	2.03	$67.07
GeForce 9650M GT	137	2096	1.17	$117.30*
GeForce Go 6800 Ultra	137	2094	NA	NA
Intel G45/G43 Express Chipset	137	2095	NA	NA
Radeon X1900 CrossFire Edition	137	2097	NA	NA
GeForce 6800 Ultra	138	2092	NA	NA
Intel B43 Express Chipset	138	2093	NA	NA
Intel Haswell HD - GT2	139	2091	NA	NA
NVS 2100M	139	2090	NA	NA
Intel Q965/Q963 Express	140	2084	NA	NA
nForce 760i SLI	140	2089	NA	NA
Radeon HD 4290	140	2086	NA	NA
Radeon HD 6290M	140	2088	NA	NA
RADEON HD 6350	140	2085	2.39	$59.00*
Radeon X1800 GTO	140	2087	NA	NA
Mobility Radeon HD 3650	141	2083	1.92	$73.53*
Quadro NVS 160M	141	2082	NA	NA
FirePro 2270	142	2080	1.06	$134.00*
GeForce 310	142	2078	1.32	$108.35*
GeForce 6600 GT	142	2079	2.20	$64.95*
GeForce 6800 GT	142	2081	NA	NA
GeForce 9200M GE	143	2077	NA	NA
GeForce 9600M GT	143	2076	1.84	$78.20*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 380 LP	144	2074	NA	NA
Radeon HD 6300M	144	2075	NA	NA
GeForce GT 130M	145	2073	NA	NA
Radeon X1900 GT	145	2072	NA	NA
S3 5400EW	146	2071	NA	NA
GeForce Go 7700	147	2067	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
2X Chrome 645/640 GPU	147	2070	NA	NA
Mobility Radeon HD 4350	148	2065	NA	NA
Quadro 400	148	2064	0.70	$211.00*
Quadro FX 3450	148	2063	1.24	$119.99*
GeForce 8500 GT	149	2062	NA	NA
GeForce 305M	150	2060	NA	NA
GeForce GT 120M	150	2059	NA	NA
Radeon HD 3650 AGP	150	2061	0.81	$185.00*
Radeon X1950 CrossFire Edition	151	2058	NA	NA
Radeon HD 7340	153	2057	0.28	$552.69*
GeForce 8200	155	2054	NA	NA
Radeon HD 4300/4500 Serisi	155	2055	NA	NA
Radeon HD 4350	155	2056	3.06	$50.99*
GeForce 8400 GS	156	2053	1.82	$85.97*
GeForce 7600 GS	158	2052	1.37	$115.71*
Quadro FX 580	162	2051	1.25	$130.00*
Radeon HD 8350	162	2050	1.63	$99.81*
GeForce GT 120	165	2047	5.53	$29.99*
Intel HD manual-gen9_2015-133271	165	2048	NA	NA
Radeon HD 7350	165	2049	NA	NA
Radeon HD 7310M	166	2046	NA	NA
GeForce G102M	167	2045	NA	NA
Mobility Radeon HD 2600	167	2044	NA	NA
GeForce 9400 GT	168	2042	2.61	$64.78*
Radeon HD 3670	168	2043	NA	NA
GeForce 9200	169	2040	NA	NA
GeForce GT 325M	169	2038	NA	NA
Intel 2nd Generation SandyBridge HD	169	2041	NA	NA
Quadro FX 1500	169	2039	0.36	$465.25
FirePro 2460	170	2037	2.03	$83.99*
GeForce 9500 GT	170	2035	1.99	$85.99*
Radeon HDG 4670	170	2036	NA	NA

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

Video Card

Radeon HD 3450	172	2032	1.93	$89.00
ZX C-1190	172	2030	NA	NA
Quadro FX 380	173	2029	2.39	$72.50*
Mobility Radeon HD 530v	174	2027	NA	NA
Radeon HD 7310 - Carte graphique	174	2028	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce Go 7900 GS	176	2026	NA	NA
GeForce 7800 GS	177	2025	NA	NA
FirePro 3D V3700	178	2024	2.10	$84.99*
FireGL V3600	179	2021	1.12	$160.99*
Quadro FX 3450/4000 SDI	179	2022	NA	NA
Radeon HD 6230	179	2023	NA	NA
Barco MXRT 7100	180	2020	NA	NA
Radeon HD 7310G	180	2019	NA	NA
Mobility Radeon HD 5430	181	2018	NA	NA
GeForce G100	184	2017	9.24	$19.99*
Mobility Radeon HD 540v	188	2016	NA	NA
Quadro FX 1700	190	2015	0.54	$350.14*
Radeon HD 8210	190	2014	NA	NA
GeForce 6800 GS	191	2012	NA	NA
Mobility Radeon HD 2600 XT	191	2011	NA	NA
Mobility Radeon HD 4550	191	2013	NA	NA
Radeon HD 6430M	192	2010	NA	NA
Intel Infoshock HD	193	2008	NA	NA
Radeon HD 8210E	193	2009	NA	NA
Radeon HD 7340G	196	2007	NA	NA
Radeon HD 6450	197	2006	2.22	$89.00*
GeForce 315	198	2004	6.02	$32.99*
Radeon HD 6320M	198	2005	NA	NA
Intel Q45/Q43 Express Chipset	199	2001	NA	NA
Mobility Radeon HD 545v	199	2002	NA	NA
NVS 5100M	199	2000	NA	NA

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

Video Card

Barco MXRT 1450	205	1996	NA	NA
Intel 2nd Generation SandyBridge HD 3000	205	1997	NA	NA
Radeon HD 4650 AGP	207	1995	NA	NA
GeForce 9700M GT	208	1993	NA	NA
Quadro NVS 320M	208	1994	NA	NA
Radeon R2E	208	1992	NA	NA
GeForce 320M	209	1990	NA	NA
GeForce Go 7800 GTX	209	1991	NA	NA
GeForce Go 7600 GT	210	1989	NA	NA
Radeon HD 2600 PRO	211	1988	1.12	$188.44*
Radeon HD 8250	212	1987	NA	NA
GeForce GT 240M	213	1985	NA	NA
Intel HD 2000	213	1986	NA	NA
Mobility Radeon HD 5450	214	1984	NA	NA
GeForce 9500 GS	215	1982	NA	NA
GeForce GT 230M	215	1981	NA	NA
Mobility Radeon. HD 5470	215	1983	NA	NA
GeForce GT 330M	216	1980	NA	NA
Radeon HD 6320 Graphic	216	1979	NA	NA
Quadro FX 2500M	217	1978	12.45	$17.50*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 220	219	1976	5.49	$39.99*
Mobility FireGL V5725	219	1977	NA	NA
A6 Micro-6500T Quad-Core APU with RadeonR4	220	1975	NA	NA
Quadro FX 770M	220	1974	0.42	$527.00*
Radeon HD 7340M	221	1973	NA	NA
Radeon R5 230	221	1972	2.74	$81.10*
Intel G965 Express	222	1971	NA	NA
GT 430	223	1970	1.56	$142.88*
Radeon HD 7450	223	1969	4.48	$49.99*
GeForce 7600 GT	224	1967	1.13	$199.00*
Radeon R3E	224	1968	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro FX 880M	229	1963	NA	NA
Quadro FX 1600M	231	1962	1.54	$149.90*
Radeon E6465	231	1961	NA	NA
Mobility Radeon HD 3670	232	1960	NA	NA
Radeon HD 4550	235	1959	1.51	$156.00*
Mobility Radeon HD 5470	236	1957	NA	NA
Quadro FX 4500 X2	236	1958	NA	NA
Radeon HD 6410D	236	1956	NA	NA
Quadro NVS 510M	238	1955	NA	NA
Radeon HD4650	239	1954	1.57	$152.90*
Quadro FX 5500	242	1953	0.12	$1,999.00*
GeForce 7800 GT	244	1952	3.05	$80.00*
Mobile Intel HD	244	1951	0.51	$479.98*
Radeon HD 8240	246	1950	NA	NA
GeForce 7900 GT/GTO	247	1949	NA	NA
Radeon HD 8470	247	1948	NA	NA
Quadro FX 570	248	1947	2.16	$115.00*
Radeon HD 4650	248	1946	3.55	$69.99*
Radeon HD 7640G + 8600M Dual	249	1945	NA	NA
Radeon R2	249	1944	NA	NA
RDPDD Chained DD	250	1943	NA	NA
GeForce GT 415	251	1942	NA	NA
GeForce 7900 GS	253	1941	NA	NA
Radeon HD 6370D	255	1940	NA	NA
Radeon HD 6480G	256	1938	NA	NA
Radeon HD 8280E	256	1939	NA	NA
GeForce 7900 GT	258	1936	1.30	$199.00*
L4-1Q	258	1935	NA	NA
Radeon HD 8350G	258	1937	NA	NA
Quadro FX 3500	259	1934	3.77	$68.98*
Radeon HD 6450A	260	1933	NA	NA
Radeon HD 8280	260	1932	NA	NA

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

Video Card

Videocard Name	(higher is better)	(lower is better)	(higher is better)	(USD)
NVS 310	263	1929	4.24	$62.06*
Radeon HD 8490	263	1928	2.93	$89.99*
GeForce 410M	264	1926	NA	NA
Mobility Radeon HD 550v	266	1925	NA	NA
Radeon HD 7400G	267	1924	NA	NA
GeForce 510	268	1922	3.84	$69.99*
Radeon HD 5470	268	1923	NA	NA
Radeon HD 8280G	269	1920	NA	NA
Radeon HD 8400	269	1921	NA	NA
GeForce 9650M GS	270	1919	NA	NA
GeForce Go 7900 GTX	270	1918	NA	NA
Radeon HD 8330	270	1917	NA	NA
Radeon HD 6370M	275	1915	NA	NA
Radeon HD 8400E	275	1916	NA	NA
Radeon R5 235X	277	1914	NA	NA
GeForce 9700M GTS	278	1913	NA	NA
Intel HD P3000	280	1912	NA	NA
Radeon HD 7480D	280	1911	NA	NA
GeForce 9600 GS	281	1910	NA	NA
Qualcomm Adreno 630 GPU	282	1908	NA	NA
Radeon HD 2600 XT	282	1909	1.78	$159.00*
GeForce GT 520MX	284	1906	NA	NA
Mobility Radeon HD 5165	284	1907	NA	NA
GeForce GT 520M	285	1905	9.52	$29.95*
GeForce GT 415M	286	1904	NA	NA
GeForce 7950 Xtreme	287	1903	NA	NA
Radeon HD 7450A	288	1902	NA	NA
Radeon HD 7470	289	1901	3.55	$81.37*
GeForce 7800 GTX	290	1900	4.06	$71.60*
GeForce 610M	292	1899	NA	NA
Radeon HD 2900 GT	292	1898	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 500	299	1894	NA	NA
Radeon HD 6520G	299	1893	NA	NA
Radeon R1E	301	1892	NA	NA
Quadro FX 3500M	306	1891	3.06	$99.99*
Radeon HD 7420G	308	1889	NA	NA
Radeon R3	308	1890	NA	NA
Radeon R5E	309	1888	NA	NA
Radeon HD 7500G	310	1887	NA	NA
Radeon HD 7520G + 8600/8700M Dual	311	1886	NA	NA
Radeon HD 7520G	313	1885	NA	NA
Radeon HD 8370D	316	1884	NA	NA
GeForce GT 520	317	1883	1.04	$304.00*
NVS 315	317	1882	4.54	$69.99*
Intel UHD Graphics 600	318	1880	NA	NA
Mobility Radeon HD 560v	318	1881	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce 240M GT	319	1878	NA	NA
GeForce 605	319	1879	2.33	$136.83*
FirePro V3800	320	1876	2.57	$124.99*
RADEON HD6370D	320	1877	NA	NA
GeForce GT 610	321	1875	2.30	$139.99*
GeForce GT 230	323	1874	7.35	$43.99*
Radeon E6460	323	1873	NA	NA
GeForce GT 120 / 9500 GT	324	1872	NA	NA
GeForce 9600 GSO	327	1871	3.05	$107.39*
Radeon HD 7600G + HD 7400M Dual	328	1870	NA	NA
GeForce 9600 GSO 512	329	1867	NA	NA
Radeon HD 7450M	329	1869	NA	NA
ZX C-1080	329	1868	NA	NA
GeForce 8800 GS	330	1865	NA	NA
Radeon HD 7600G	330	1866	NA	NA
Radeon R5 310	331	1864	0.66	$499.00*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R5 235	336	1860	5.59	$60.13
Radeon HD 6530D	337	1858	NA	NA
Radeon HD 8450G	337	1859	NA	NA
Radeon HD 8570D + HD 8470 Dual	338	1857	NA	NA
Radeon HD 7660D + HD 7400 Dual	339	1856	NA	NA
Radeon HD 8310E	340	1854	NA	NA
Radeon R4	340	1855	0.86	$396.99*
FireGL V5600	341	1853	1.52	$225.00*
FirePro 3D V3750	341	1851	6.71	$50.88*
Radeon HD 6620G	341	1852	NA	NA
GeForce GT 705	346	1850	1.17	$296.76*
GeForce 7950 GT	347	1848	1.36	$254.80*
Intel HD 4000	347	1849	0.22	$1,592.95*
Radeon HD 7580D	350	1847	NA	NA
Mobility Radeon HD 565v	353	1846	NA	NA
Radeon HD 6480M	353	1845	NA	NA
GeForce GT 625	355	1844	NA	NA
Radeon HD 7500G + HD 7500M/7600M Dual	355	1843	NA	NA
GeForce 9800M GTS	356	1842	NA	NA
Intel HD 505	360	1841	NA	NA
Radeon HD 7660G + HD 8600M Dual	363	1840	NA	NA
Radeon HD 7520G N HD 7520G + HD 7600M N HD 7600M D	364	1838	NA	NA
Radeon HD 7620G	364	1839	NA	NA
Mobility Radeon HD 3850	365	1837	NA	NA
Radeon HD4670	365	1836	NA	NA
Matrox Millennium P690 PCIe x16	366	1835	NA	NA
Quadro FX 2700M	366	1834	3.67	$99.95*
GeForce GT 610M / GT 620M / GT 710M / GT 720M / GT	368	1833	NA	NA
Intel UHD Graphics 605	369	1832	NA	NA
Radeon 3015e	370	1831	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Quadro FX 370[illegible]	[illegible]	[illegible]	[illegible]	$213.27*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8570D + HD8490 Dual	374	1828	NA	NA
Radeon HD 8470D	375	1826	NA	NA
Radeon HD 5550	376	1825	6.85	$54.99*
Radeon HD 7520G + 8750M Dual	376	1823	NA	NA
Radeon HD 7600G + 6400M Dual	376	1824	NA	NA
Radeon HD 6490M	377	1822	0.32	$1,193.03*
GeForce GT 335M	378	1821	NA	NA
GeForce GTS 350M	380	1820	NA	NA
GeForce GTX 260M	380	1819	NA	NA
GeForce 9800M GT	381	1817	NA	NA
GeForce GT 130	381	1818	2.52	$151.34*
GeForce 8800M GTS	382	1816	NA	NA
GeForce GT 620	382	1815	2.49	$154.00*
Radeon HD 4670	383	1814	2.68	$142.96*
GeForce 7900 GTX	387	1813	NA	NA
Radeon HD 3850	388	1812	NA	NA
IncrediblE HD	389	1811	NA	NA
Radeon HD 7600G + 7450M Dual	389	1810	NA	NA
GeForce GT 420M	393	1809	NA	NA
GeForce GT 330	396	1807	9.92	$39.99*
Radeon HD 8650D	396	1808	NA	NA
Quadro FX 1800	397	1806	2.95	$135.00*
Radeon HD 6550D	400	1805	NA	NA
Mobility Radeon HD 4650	401	1804	NA	NA
Intel HD 5300	402	1803	NA	NA
RADEON E4690	405	1802	NA	NA
Radeon HD 7600G + 7500M/7600M Dual	405	1801	NA	NA
Radeon HD 7640G + HD 7600M N HD 7600M Dual	406	1799	NA	NA
SiliconMotion SM768 WDDM2.0 Display Driver	406	1800	NA	NA
Radeon HD 7470M	407	1798	NA	NA
Radeon HD 8550G	408	1796	NA	NA
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	408	1797	NA	NA

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

Video Card

Quadro FX 2800M	414	1793	2.18	$190.00
Radeon R5 Opteron X3216	415	1792	NA	NA
Radeon R5 M230	416	1791	NA	NA
GeForce 810M	418	1790	NA	NA
Quadro FX 4600	418	1789	1.26	$333.25*
Intel 4th Generation Haswell HD	419	1788	NA	NA
Radeon HD 7640G N HD 7640G + HD 8570M Dual	422	1787	NA	NA
RADEON HD6410D	422	1786	NA	NA
Radeon HD 7600G + 7550M Dual	423	1785	NA	NA
Radeon HD 7640G + HD 7500/7600 Dual	423	1784	NA	NA
FirePro M2000	425	1783	NA	NA
GeForce GT 420	425	1782	2.75	$155.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7570M	427	1781	NA	NA
Radeon HD 3850 AGP	432	1780	NA	NA
Radeon HD 8500M	432	1779	NA	NA
GeForce GT 620M	433	1777	NA	NA
GRID P4-2Q	433	1778	NA	NA
Radeon HD 7600G + HD Dual	435	1775	NA	NA
Radeon HD 8410G	435	1776	NA	NA
Radeon HD 8570D	437	1774	NA	NA
Quadro 410	439	1772	3.41	$129.00*
Radeon HD 7650M	439	1773	NA	NA
GeForce GT 710M	440	1771	NA	NA
Radeon HD 7620G + HD 8600M Dual	442	1770	NA	NA
PHDGD Ivy 5	445	1769	NA	NA
Radeon HD 7660G + 8600M Dual	445	1768	NA	NA
Mobility Radeon HD 5650	446	1767	NA	NA
Radeon HD 7520G + HD 7600M Dual	447	1766	NA	NA
Radeon HD 8570M	448	1765	NA	NA
GeForce GT625M	451	1764	NA	NA
Radeon HD 7620G N HD 7620G + HD 8600M N HD 8600M D	451	1763	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8450G + HD 8600M Dual	452	1762	NA	NA
Radeon HD 7520G + 7650M Dual	453	1759	NA	NA
GeForce 710M	454	1757	NA	NA
GeForce 9800M GTX	454	1758	1.38	$328.50*
GeForce 705M	455	1755	NA	NA
GeForce 9800 GT	455	1756	3.04	$149.99
GeForce GT 525M	457	1754	NA	NA
Radeon HD 7640G	458	1752	NA	NA
Radeon R5 M240	458	1753	NA	NA
Radeon HD 7560D	459	1751	NA	NA
Radeon HD 7660G + HD 7600M N HD 7600M Dual	460	1750	NA	NA
GeForce 8800M GTX	462	1749	NA	NA
GeForce 8800 GT	463	1745	2.17	$213.54*
Intel HD Family	463	1747	NA	NA
Mobility Radeon HD 4670	463	1748	NA	NA
Radeon R5 PRO A6-8530B R5, 6 COMPUTE CORES 2C+4G	463	1746	NA	NA
FirePro V5700	464	1744	2.47	$188.06*
Radeon HD 7550M	464	1743	NA	NA
Radeon HD 7660D + 7470 Dual	465	1742	NA	NA
SUMO 9644	465	1741	NA	NA
Quadro FX 3600M	466	1739	NA	NA
Radeon R5 M320	466	1740	NA	NA
Radeon HD 7670M	469	1738	0.75	$629.99*
GeForce GT 320	470	1737	14.38	$32.69*
Radeon HD 8570D + R5 235 Dual	470	1736	NA	NA
FirePro 3D V3800	472	1734	3.15	$149.99*
GeForce 710A	472	1735	NA	NA
Radeon HD 7660G	473	1733	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + HD 8570M Dual	474	1732	NA	NA
Radeon HD 8450G + 8670M Dual	474	1731	NA	NA
Radeon R6 A8-	474	1730	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce 800M	477	1726	NA	NA
GeForce 9600 GT	477	1727	7.34	$64.99*
Mobility Radeon HD 3870 X2	477	1723	NA	NA
Radeon HD 5570	477	1725	2.94	$162.35*
Radeon HD 8450G + HD 8670M Dual	477	1724	NA	NA
GeForce GT 540M	478	1720	5.44	$87.95*
Mobility Radeon HD 5000 Serisi	478	1719	NA	NA
Radeon R5 M315	478	1722	NA	NA
Radeon R5 PRO A6-8500B R5, 6 Compute Cores 2C+4G	478	1721	NA	NA
Radeon HD 8610G + HD 8600M Dual	480	1718	NA	NA
Radeon 3020e	483	1717	NA	NA
Radeon Vega 3 Athlon Silver 3050e	485	1716	NA	NA
Radeon HD 7520G + 7400M Dual	486	1715	NA	NA
Radeon HD 8550G + R5 M230 Dual	487	1713	NA	NA
Radeon R4E	487	1714	NA	NA
Radeon HD 8670D N HD 8670D + HD 8670D Dual	488	1712	NA	NA
Radeon HD8530M	490	1711	NA	NA
GeForce 820M	491	1710	NA	NA
GeForce 9800 GTX+	494	1708	NA	NA
Quadro FX 1800M	494	1709	NA	NA
Radeon HD 7520G + HD 7670M Dual	495	1707	NA	NA
ASUS EAH4870x2	496	1706	NA	NA
Radeon R5 M420	496	1705	NA	NA
GeForce GT 625M	497	1703	NA	NA
Radeon HD 7500G + 7550M Dual	497	1704	NA	NA
SUMO 964A	497	1702	NA	NA
Radeon R7 M265DX	498	1700	NA	NA
TRINITY SCRAPPER MOBILE	498	1701	NA	NA
GeForce GT 240	502	1699	3.12	$160.97*
Radeon HD 8450G + HD 8750M Dual	503	1698	NA	NA
GeForce GTS 150M	504	1697	NA	NA
Intel HD P4600	505	1696	NA	NA

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

Video Card

Radeon HD 7620G + HD 8670M Dual	507	1692	NA	NA
Radeon HD 7660D	507	1691	NA	NA
NVS 5200M	508	1688	NA	NA
Radeon HD 7620G + 8600M Dual	508	1687	NA	NA
Radeon HD 8690A	508	1689	NA	NA
Radeon R5 PRO A6-8500B 2C+4G	508	1690	NA	NA
Radeon HD 7600G + HD 7550M Dual	509	1686	NA	NA
Radeon HD 7640G + 7610M Dual	510	1685	NA	NA
Mobility Radeon HD 4830	511	1684	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon R7 M260	512	1683	0.64	$799.00*
Intel HD P4000	516	1682	NA	NA
IncredibIE HD 4000	517	1681	NA	NA
Radeon HD 7640G + HD 7670M Dual	518	1680	NA	NA
GeForce GT 425M	520	1677	NA	NA
Radeon HD 8670M	520	1679	NA	NA
Radeon R5 330	520	1678	1.53	$339.99*
Radeon Vega 2 Athlon Silver 3050U	521	1676	NA	NA
Intel HD 4400	523	1674	NA	NA
Radeon HD 7520G + 7670M Dual	523	1675	NA	NA
Radeon HD 7660D + R5 235 Dual	523	1672	NA	NA
Radeon HD 8650G	523	1673	NA	NA
Mobility Radeon HD 5570	525	1670	NA	NA
Quadro FX 5600	525	1671	1.78	$295.00*
Radeon HD 7600G N HD 7600G + HD ON HD Dual	526	1669	NA	NA
Radeon HD 7640G + 6400M Dual	526	1668	NA	NA
Quadro 600	528	1667	6.95	$76.00*
Radeon HD 8670D	528	1666	NA	NA
Radeon HD 8550G + HD 8570M Dual	529	1665	NA	NA
Radeon 6600M	531	1664	NA	NA
RADEON HD6530D	531	1663	NA	NA
Radeon R6 PRO A8-8600B 4C+6G	531	1662	NA	NA

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

Video Card

Radeon HD 7560D + HD 7000 Dual	534	1658	NA	NA
GeForce GT 435M	535	1656	NA	NA
GeForce GT 630M	535	1657	NA	NA
Radeon R6 PRO A10-8700B 4C+6G	538	1655	NA	NA
Qualcomm Adreno 675 GPU	539	1654	NA	NA
Radeon R7 M265	540	1653	NA	NA
Radeon R5 M255	541	1652	NA	NA
Radeon HD 7520G + 7470M Dual	542	1651	NA	NA
Quadro FX 2700	543	1650	NA	NA
Radeon HD 7600G + HD 8670M Dual	543	1649	NA	NA
Radeon HD 6570	544	1647	8.39	$64.99*
Radeon HD 7520G + HD 7400M Dual	544	1648	NA	NA
FirePro 3D V7750	545	1646	1.56	$350.00*
Radeon HD 8450G + 8600M Dual	545	1645	NA	NA
FirePro 3D V5700	546	1642	1.71	$319.99*
Radeon HD 8550G + HD 8670M Dual	546	1644	NA	NA
Radeon R5 240	546	1641	6.43	$85.00*
Radeon R6 A10-8700P	546	1643	NA	NA
Mobility Radeon HD 3870	547	1640	NA	NA
Radeon HD 8550G + HD 7600M Dual	547	1639	NA	NA
Radeon R5 M335	548	1638	NA	NA
FireGL V8650	550	1637	1.84	$298.99*
GeForce GT 635M	551	1634	NA	NA
GeForce GT 820M	551	1636	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 7850A10-7850K	551	1635	NA	NA
GeForce 8800 GTS 512	553	1633	NA	NA
GeForce GTS 250M	553	1632	NA	NA
GeForce 9800M GS	554	1630	NA	NA
GF117	554	1631	NA	NA
GeForce 820A	555	1628	NA	NA
Radeon HD 3870	555	1629	2.26	$245.48

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + 8670M Dual	558	1624	NA	NA
Radeon HD 8550G + HD 8500M Dual	558	1623	NA	NA
Radeon HD 7640G + R5 M200 Dual	559	1622	NA	NA
Quadro 1000M	561	1621	10.30	$54.50*
GeForce GT 550M	562	1620	NA	NA
Qualcomm Adreno 7c+ Gen 3	563	1617	NA	NA
Radeon Athlon PRO 3045B	563	1619	NA	NA
Radeon HD 7560D + R5 235 Dual	563	1618	NA	NA
Radeon R7E	564	1616	NA	NA
Radeon HD 6610M	565	1615	NA	NA
Radeon HD 8550D	566	1614	NA	NA
Radeon HD 7650A	567	1613	2.17	$262.00*
Radeon HD 7560D + 6450 Dual	568	1611	NA	NA
Radeon HD 7660G + HD 7600M Dual	568	1612	NA	NA
Quadro 500M	570	1609	2.07	$275.14*
Radeon R6 + R7 M265DX Dual	570	1610	NA	NA
GeForce GT 720A	573	1608	NA	NA
Quadro FX 3800M	574	1604	NA	NA
Radeon HD 7520G + HD 7700M Dual	574	1603	NA	NA
Radeon HD 7520G N HD 7520G + HD 7500/7600 7500/760	574	1606	NA	NA
Radeon R5 420	574	1605	14.39	$39.95*
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	574	1607	NA	NA
GeForce GTX 280M	575	1602	NA	NA
Intel Skylake HD DT GT2	576	1600	NA	NA
Radeon R5 A240	576	1601	NA	NA
Radeon HD 7620G + 8670M Dual	577	1599	NA	NA
Radeon HD 8610G + HD 8670M Dual	577	1598	NA	NA
Radeon HD 8450G + R5 M230 Dual	578	1597	NA	NA
Radeon R7 M360	578	1596	NA	NA
GeForce 8800 GTX	579	1593	4.83	$119.99*
Radeon HD 8550G + 8670M Dual	579	1594	NA	NA
Radeon Vega 3	[illegible]	[illegible]	[illegible]	NA

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

Video Card

Xiaomi 9 Adreno 640 GPU	584	1590	NA	NA
Radeon HD 7640G + 8500M Dual	585	1588	NA	NA
Radeon HD 8650G + HD 8670M Dual	585	1589	NA	NA
Intel HD 5000	586	1587	0.94	$625.00*
Radeon HD 3870 X2	586	1585	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7640G + HD 8600/8700M Dual	586	1584	NA	NA
Radeon R5 A6-8500P	586	1586	NA	NA
Radeon HD 7660G + 8670M Dual	587	1583	NA	NA
GeForce 910M	588	1580	NA	NA
Radeon HD 7520G + 7610M Dual	588	1581	NA	NA
Radeon HD 7660G + 7400M Dual	588	1582	NA	NA
Radeon HD 8610G + 8600M Dual	588	1579	NA	NA
Radeon HD 7640G + HD 7700M Dual	589	1578	NA	NA
GeForce GTS 250	591	1576	6.87	$86.06*
Radeon HD 7520G + 7600M Dual	591	1577	NA	NA
Surface Duo Adreno 640 GPU	592	1575	NA	NA
GeForce 9800 GTX/9800 GTX+	593	1572	6.60	$89.99*
Intel HD 5500	593	1574	NA	NA
Radeon HD 8550G + HD 8600M Dual	593	1573	NA	NA
Radeon HD 7640G + 7470M Dual	595	1571	NA	NA
Radeon R5 M330	595	1570	NA	NA
Radeon HD 8510G + 8500M Dual	596	1569	NA	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	596	1568	NA	NA
Matrox C420 LP PCIe x16	597	1567	NA	NA
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	597	1566	NA	NA
Radeon HD 8610G + 8670M Dual	599	1565	NA	NA
GeForce GT 430	602	1564	4.30	$139.99*
Radeon HD 8550G + 8500M Dual	602	1563	NA	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	605	1562	NA	NA
Radeon R6 M255DX	605	1561	NA	NA

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

Video Card

7900 MOD - Radeon HD 6520G	610	1556	NA	NA
Radeon HD 8610G + 8500M Dual	610	1557	NA	NA
Radeon HD 8550G N HD 8550G + HD 8600M N HD 8600M D	611	1555	NA	NA
GeForce 9800 GX2	612	1554	3.14	$195.00*
Radeon HD 8650G + 8600M Dual	613	1553	NA	NA
GeForce 720A	614	1552	NA	NA
Intel UHD 630	614	1550	NA	NA
Radeon HD 7570	614	1551	5.99	$102.49*
FireGL V7600	615	1549	NA	NA
Radeon HD 7500G + 7500M/7600M Dual	616	1547	NA	NA
Radeon R6	616	1548	NA	NA
Radeon HD 8550G + 8600M Dual	617	1546	NA	NA
Intel HD 4600 manual-gen9_2015-134121	619	1543	NA	NA
Radeon HD 8550G + R5 M200 Dual	619	1544	NA	NA
Radeon R5 A10-9600P 4C+6G	619	1545	NA	NA
GeForce GT 720	620	1541	6.21	$99.99*
Radeon HD 8570 + 8670D Dual	620	1542	NA	NA
Intel HD 510	621	1539	NA	NA
Radeon HD 7640G + HD 7400M Dual	621	1540	NA	NA
NVS 5400M	623	1538	NA	NA
Radeon HD 7520G + HD 8600/8700M Dual	623	1537	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GT 710	625	1536	2.50	$249.99*
Radeon HD 8650G + 8500M Dual	626	1535	NA	NA
Radeon HD 2900 PRO	627	1533	NA	NA
Radeon HD 7640G + 7500/7600 Dual	627	1534	NA	NA
GRID K160Q	628	1532	NA	NA
Radeon R7 PRO A10-9700B	628	1531	NA	NA
Intel HD 4600	629	1529	NA	NA
Radeon HD 8510G + HD 8500M Dual	629	1530	NA	NA
Radeon HD 7640G + HD 7700M N HD 7700M Dual	630	1527	NA	NA
Radeon HD 766[illegible]	[illegible]	[illegible]	NA	NA

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

Video Card

Radeon HD 7610M	632	1524	NA	NA
Radeon HD 5600/5700	633	1523	NA	NA
Radeon HD 7660D + HD 7000 Dual	633	1522	NA	NA
Radeon HD 8650G + HD 7670M Dual	634	1521	NA	NA
GeForce 9800 S	635	1519	NA	NA
Radeon HD 8650G + 8670M Dual	635	1520	NA	NA
GeForce GTX 285M	636	1518	NA	NA
Intel HD 515	636	1517	NA	NA
Radeon HD 7640G + 7400M Dual	637	1515	NA	NA
Radeon HD 8450G + 8750M Dual	637	1516	NA	NA
Radeon R5 PRO A6-8570E 2C+4G	637	1514	NA	NA
FirePro V3900	640	1513	2.69	$238.44*
Quadro K510M	641	1512	NA	NA
GeForce 8800 Ultra	642	1511	1.04	$619.99
Radeon HD 7540D + HD 6450 Dual	643	1510	NA	NA
GeForce GTS 360M	644	1508	NA	NA
Radeon HD 7640G + 7670M Dual	644	1509	NA	NA
Radeon HD 8610G + HD 8500M Dual	645	1507	NA	NA
Radeon HD 6670 + 6670 Dual	646	1506	NA	NA
FireStream 9170	647	1505	NA	NA
Radeon R8 M365DX	647	1504	NA	NA
Radeon R5 M430	648	1503	NA	NA
GRID K1	650	1501	1.65	$395.00*
SUMO 9640	650	1502	NA	NA
Radeon HD 7520G + HD 8750M Dual	651	1500	NA	NA
Radeon HD 8650G + HD 8750M Dual	651	1499	NA	NA
GeForce GT 735M	652	1498	NA	NA
GeForce GT 555M	653	1497	3.69	$177.20*
Radeon HD 7640G + 8750M Dual	654	1494	NA	NA
Radeon HD 8550G + HD 8600/8700M Dual	654	1495	NA	NA
Radeon HD 8650G + 8570M Dual	654	1496	NA	NA
GeForce 810A	655	1493	NA	NA

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

Video Card

Radeon HD 2900 XT	659	1488	NA	NA
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	659	1489	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
FireGL V7700	660	1487	9.43	$69.99*
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	662	1486	NA	NA
Radeon HD 8550G + 8690M Dual	664	1485	NA	NA
FirePro M7740	665	1484	NA	NA
Mi Pad 5 Adreno 640 GPU	665	1483	NA	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	665	1482	NA	NA
GeForce GT 740A	667	1480	NA	NA
Radeon R7 A8 PRO-7600B	667	1481	NA	NA
GeForce GT 530	669	1479	13.66	$49.00*
Radeon R8 M535DX	670	1478	NA	NA
Radeon Vega 3 Athlon Gold PRO 3150G	671	1477	NA	NA
Radeon R7 PRO A12-9800B	675	1476	NA	NA
GeForce GT 630	676	1473	4.60	$147.01*
Quadro FX 4700 X2	676	1475	NA	NA
Radeon HD 8610G + R5 M200 Dual	676	1474	NA	NA
Radeon Athlon Silver 3050U	677	1470	NA	NA
Radeon HD 7640G + HD 8670M Dual	677	1471	NA	NA
Radeon Vega 3 Athlon 320GE	677	1472	NA	NA
GeForce GTS 160M	678	1469	NA	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	679	1468	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	679	1467	NA	NA
GRID P40-3Q	681	1466	NA	NA
Radeon Vega 3 Athlon Gold 3150U	681	1465	NA	NA
Radeon HD 6630M	684	1464	NA	NA
NVS 510	685	1463	6.12	$111.99*
Radeon HD 8650G + R5 M230 Dual	686	1462	NA	NA
Radeon HD 7640G + 8600/8700M Dual	688	1461	NA	NA
Radeon R5 PRO A6-8530B 2C+4C	689	1460	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel HD 610	693	1456	NA	NA
Radeon R5 PRO A6-9500B 2C+4G	693	1457	NA	NA
Radeon R5 PRO A10-8730B 4C+6G	695	1455	NA	NA
Radeon HD 7570M/HD 7670M	699	1454	NA	NA
TRINITY DEVASTATOR MOBILE	699	1453	NA	NA
Intel HD 615	702	1452	NA	NA
Intel UHD Graphics 610	704	1450	NA	NA
Radeon HD 7640G + HD 7600M Dual	704	1451	NA	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	704	1449	NA	NA
Radeon HD 7640G + 7600M Dual	705	1448	NA	NA
Quadro K610M	706	1446	2.95	$240.00*
Radeon HD 7660G + HD 7670M Dual	706	1447	NA	NA
GeForce GT 640M LE	707	1445	0.83	$849.99*
Radeon HD 6550A	707	1444	NA	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	707	1443	NA	NA
Radeon HD 7660G + HD 8670M Dual	711	1442	NA	NA
Radeon R5 A6-7480	711	1441	NA	NA
Radeon R7 PRO A8-8650B	714	1440	NA	NA
Radeon HD 8650G + HD 8570M Dual	716	1439	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce 920M	717	1438	NA	NA
Radeon HD 8470D + 6450 Dual	717	1437	NA	NA
Radeon HD 8670D + HD 7000 Dual	718	1436	NA	NA
Radeon R7 A12-9700P RADEON	718	1435	1.65	$435.92*
Radeon R7 FX-9800P RADEON	718	1434	1.36	$530.00*
Mobility Radeon HD 4870	719	1432	NA	NA
Radeon HD 7540D + 6570 Dual	719	1433	NA	NA
Asus GTX 650 FML II EC-EGPU	720	1431	NA	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	722	1429	NA	NA
Radeon HD 8650G + R5 M200 Dual	722	1430	NA	NA
Radeon HD 667[illegible]	724	1428	10.51	$68.99*

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

Video Card

Radeon R7 A10-7800	727	1426	NA	NA
Quadro K600	728	1424	12.09	$60.24*
Radeon HD 7550M/7650M	728	1423	NA	NA
Radeon Vega 3 Ryzen Embedded R1505G	729	1422	NA	NA
Radeon R5 A10-9620P 4C+6G	731	1421	NA	NA
Radeon R7 A12-9720P RADEON	733	1420	2.01	$365.48*
Quadro K420	734	1419	2.73	$269.00*
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	734	1418	NA	NA
Radeon R7 A8-7650K	734	1417	NA	NA
Intel Iris 5100	736	1416	NA	NA
Radeon R5 235 + HD 8570D Dual	737	1415	NA	NA
GeForce GT 340	738	1413	13.93	$52.99*
Intel Poison Ivy	738	1412	NA	NA
Radeon HD 7670M + 7670M Dual	738	1414	NA	NA
Radeon Vega 3 Ryzen 3 3250U	740	1411	NA	NA
Radeon HD 8650G + 7600M Dual	741	1410	NA	NA
GeForce GT 730A	742	1409	NA	NA
Radeon HD 7660G + 7670M Dual	743	1408	NA	NA
Radeon R5 235 + HD 7560D Dual	743	1407	NA	NA
Radeon HD 7660G + 7610M Dual	745	1406	NA	NA
Radeon HD 8670D + R5 330 Dual	746	1405	NA	NA
Radeon HD 7640G + 7650M Dual	747	1403	NA	NA
Radeon HD 7660G + HD 8600/8700M Dual	747	1404	NA	NA
Qualcomm Adreno 7c Gen 3 GPU	748	1402	NA	NA
IncrediblE HD 4600	749	1400	NA	NA
Radeon M535DX	749	1401	NA	NA
Radeon HD 8570D + HD 7000 Dual	753	1399	NA	NA
Radeon HD 7640G + 7450M Dual	754	1398	NA	NA
Quadro 1100M	755	1397	NA	NA
Radeon HD 6650M	756	1396	NA	NA
Radeon HD 7660G + 7700M Dual	757	1395	NA	NA
Radeon HD 865	[illegible]	[illegible]	[illegible]	NA

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

Video Card

Radeon HD 6450 + 8470D Dual	762	1390	NA	NA
Radeon R7 A10 PRO-7800B	762	1391	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Mobility Radeon HD 5850	763	1389	NA	NA
Radeon HD 8650G + HD 8600/8700M Dual	763	1388	NA	NA
Quadro 2000M	765	1387	3.33	$229.74*
Radeon R7 M270	766	1386	NA	NA
GeForce 9800 GTX	769	1385	10.26	$74.99*
Radeon Athlon Gold 3150U	769	1384	NA	NA
Radeon HD 4810	769	1383	NA	NA
GeForce 730A	770	1382	NA	NA
GeForce 825M	770	1380	NA	NA
Radeon R5 PRO A6-9500E 2C+4G	770	1381	NA	NA
Mobility Radeon HD 5000	773	1377	NA	NA
Quadro K1000M	773	1379	11.05	$69.95*
Radeon 535DX	773	1374	NA	NA
Radeon HD 7600M + 7600M Dual	773	1375	NA	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	1376	NA	NA
Radeon R7 A10-8850	773	1378	NA	NA
GeForce GT 440	774	1372	3.44	$225.00*
Radeon R7 A10-7700K	774	1373	NA	NA
Radeon HD 7640G + 7500M/7600M Dual	775	1370	NA	NA
Radeon R7 A8-7600	775	1371	NA	NA
Radeon HD 6800M	776	1369	NA	NA
Radeon R7 PRO A10-8750B	776	1368	NA	NA
Radeon HD 7660G + HD 7700M Dual	777	1367	NA	NA
Radeon HD 7730M	781	1364	NA	NA
Radeon R7 A365	781	1366	NA	NA
Radeon R7 PRO A6-9500 2C+6G	781	1365	NA	NA
Radeon Vega 3 Ryzen Embedded R1606G	781	1363	NA	NA
Radeon R7 M365X	785	1362	NA	NA
Radeon HD 8650G + 8750M Dual	786	1361	NA	NA

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

Video Card

Radeon HD 8550G + 8750M Dual	795	1358	NA	NA
Radeon HD 8650G N HD 8650G + HD 8600/8700M Dual	796	1356	NA	NA
Radeon R8 M445DX	796	1355	NA	NA
Radeon Ryzen 3 3250U	796	1354	NA	NA
Radeon R7 PRO A10-9700	797	1353	NA	NA
Radeon HD 5670	799	1351	8.00	$99.99
Radeon HD 8650G + HD 8790M Dual	799	1352	NA	NA
Radeon HD 8550G + 8600/8700M Dual	802	1350	NA	NA
Radeon HD 8730M	806	1349	NA	NA
Radeon HD 7670	807	1348	NA	NA
Radeon R7 PRO A10-8770E	808	1347	NA	NA
Radeon R7 A8-7680	810	1346	NA	NA
GeForce GT 445M	811	1345	NA	NA
Radeon HD 8670D + 7000 Dual	811	1344	NA	NA
Radeon R9 M280X	813	1343	NA	NA
GeForce GT 730M	814	1342	NA	NA
Radeon R7 M260DX	816	1341	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8550G + HD 8750M Dual	819	1340	NA	NA
Radeon HD 8650G + HD 7600M Dual	819	1339	NA	NA
Radeon HD 7540D + 7500 Dual	821	1338	NA	NA
Radeon R7 A10 Extreme Edition	821	1337	NA	NA
Quadro FX 3800	822	1334	3.17	$259.13*
Radeon HD 3850 X2	822	1336	NA	NA
Radeon R7 A10 PRO-7850B	822	1335	NA	NA
GeForce GT 635	823	1333	12.31	$66.94*
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	1332	NA	NA
GRID M60-0Q	827	1331	NA	NA
Radeon R7 FX-8800P	829	1330	NA	NA
Intel HD 5200	830	1329	NA	NA
Radeon HD 7660G + 7600M Dual	831	1328	NA	NA
Radeon HD 865[illegible]	[illegible]	[illegible]	[illegible]	NA

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

Video Card

Radeon R7 A8-9600 RADEON	832	1325	NA	NA
Radeon HD 7560D + 6570 Dual	833	1323	NA	NA
Radeon HD 6650A	835	1322	NA	NA
GeForce 920A	836	1321	NA	NA
Radeon HD 8670D + R5 235 Dual	836	1320	NA	NA
Radeon HD 8470D + 6570 Dual	837	1319	NA	NA
FireGL V8600	838	1318	NA	NA
Radeon Vega 3 Athlon 300U	840	1317	NA	NA
Radeon HD 4830	844	1316	14.08	$59.99*
Radeon R7 A8-7670K	846	1315	NA	NA
Radeon R5 M435	847	1312	NA	NA
Radeon R5 PRO A6-8570 2C+6G	847	1313	NA	NA
Radeon Vega 3 Ryzen 3 3200U	847	1314	NA	NA
Radeon R5 435	850	1311	NA	NA
Radeon HD 8500M/8700M	852	1310	NA	NA
FirePro 3D V4800	853	1307	5.33	$159.99*
Radeon R5 A6-9500 2C+6G	853	1308	NA	NA
Radeon R7 A8-7500 4C+6G	853	1309	NA	NA
Intel UHD Graphics 617	855	1304	NA	NA
Radeon R7 PRO A8-9600	855	1306	NA	NA
Radeon Vega 3 Athlon Silver 3050U	855	1305	NA	NA
Radeon R7 A10-8750	856	1303	NA	NA
FirePro W2100	857	1302	14.53	$59.00*
Radeon R7 A8-7500	860	1301	NA	NA
Radeon HD 8470D + HD 6450 Dual	862	1300	NA	NA
Intel HD 520	864	1299	NA	NA
Radeon 520	864	1298	9.60	$89.99*
Mobility Radeon HD 4850	866	1297	NA	NA
Qualcomm Adreno 680 GPU	868	1296	NA	NA
Radeon HD 8570D + HD 6570 Dual	868	1295	NA	NA
Radeon R7 G	869	1294	NA	NA
GRID M10-0B	870	1293	NA	NA

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

Video Card

Radeon E6760	876	1290	3.65	$239.99
Radeon HD 7660G + HD 7730M Dual	881	1289	NA	NA
Radeon HD 8650G + 7670M Dual	883	1288	NA	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	885	1287	NA	NA
Radeon Vega 3	889	1286	0.33	$2,677.99*
7900 MOD - Radeon HD 6550D	892	1285	NA	NA
Radeon R7 PRO A12-8870E	892	1284	NA	NA
Radeon R7 + R5 Dual	897	1283	NA	NA
Radeon R7 240	899	1282	10.64	$84.56*
Barco MXRT 2600	900	1281	4.52	$199.00*
Barco MXRT 7400	900	1278	9.10	$99.00*
Radeon R5 430	900	1280	15.26	$59.00*
Radeon R7 M440	900	1279	NA	NA
Radeon HD 4770	901	1276	7.22	$124.86*
Radeon HD 8550G + 7600M Dual	901	1277	NA	NA
Intel Iris 6100	904	1275	NA	NA
Radeon RX Vega 6 Ryzen 3 3200U	906	1274	NA	NA
Radeon HD 7690M	909	1273	NA	NA
GRID M6-0B	911	1271	NA	NA
Radeon 6750M	911	1272	NA	NA
GRID K220Q	912	1270	NA	NA
Radeon R7 A8-8650	912	1269	NA	NA
Radeon R7 A12-9800E RADEON	913	1268	6.56	$139.19*
Radeon R7 A10-9700 RADEON	916	1267	NA	NA
Radeon R7 240 + HD 8570D Dual	917	1265	NA	NA
Radeon R7 PRO A10-8770	917	1266	NA	NA
Intel HD Graphics 620	922	1264	NA	NA
Intel Iris Pro 6100	925	1263	NA	NA
Radeon 620	927	1262	NA	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	928	1261	NA	NA
Radeon R7 240 + HD 8670D Dual	930	1260	NA	NA
Radeon R7 A1[illegible]	[illegible]	[illegible]	[illegible]	NA

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

Video Card

Radeon R7 PRO A10-9700E	933	1256	1.76	$529.00
Radeon HD 7560D + HD 8570 Dual	935	1253	NA	NA
Radeon R5 340	935	1254	NA	NA
Radeon Vega 3 Athlon PRO 300GE w/	935	1255	NA	NA
GeForce GT 645M	937	1251	NA	NA
Radeon HD 6750M	937	1252	NA	NA
Radeon R7 M445	938	1250	1.26	$744.00*
Radeon HD 4850	939	1249	6.71	$139.99*
Radeon HD 7660D + R7 240 Dual	941	1247	NA	NA
Radeon HD 8570	941	1246	9.54	$98.68*
Radeon R7 PRO A12-8870	941	1248	NA	NA
Radeon HD 6670/7670	945	1242	NA	NA
Radeon HD 7640G + 7690M Dual	945	1243	NA	NA
Radeon R7 A10-7850K	945	1244	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 PRO A10-8850B	945	1245	NA	NA
Quadro 2000	947	1240	4.44	$213.23*
Quadro CX	947	1241	6.32	$149.95*
Radeon HD 8570 + HD 7660D Dual	949	1239	NA	NA
Radeon HD 8670D + R7 200 Dual	949	1238	NA	NA
Radeon R7 PRO A12-9800E	954	1237	NA	NA
Radeon R6 Opteron X3418	955	1236	NA	NA
Radeon HD 8570D + R7 240 Dual	963	1235	NA	NA
Radeon HD 6770M	964	1234	NA	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	966	1233	NA	NA
Radeon R6 A10-9600P 4C+6G	970	1232	NA	NA
Radeon Vega 3 Athlon 3000G	971	1231	NA	NA
Radeon HD 8850M	973	1230	NA	NA
Radeon R9 M375	973	1229	NA	NA
Radeon HD 8670D + 8570 Dual	974	1228	NA	NA
Qualcomm Adreno 685 GPU	975	1226	NA	NA
Radeon R7 PRO [illegible]	[illegible]	[illegible]	NA	NA

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

Video Card

Radeon HD 7560D + 7560D Dual	982	1223	NA	NA
Radeon HD 8690M	984	1222	NA	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	984	1221	NA	NA
Radeon HD 7560D + 7570 Dual	985	1220	NA	NA
Radeon R7 A265	993	1219	NA	NA
FirePro M4150	994	1217	NA	NA
Quadro FX 4800	994	1218	0.57	$1,757.29
Intel HD 530	995	1216	NA	NA
Radeon HD 7640G + HD 8750M Dual	996	1214	NA	NA
Radeon R7 M260X	996	1215	NA	NA
Quadro 3000M	997	1213	14.26	$69.99*
Radeon HD 7660G + HD 7500M/7600M Dual	999	1212	NA	NA
Radeon HD 8570D + R7 200 Dual	999	1211	NA	NA
Radeon R7 340	1000	1210	NA	NA
Radeon EPYC 4364P 8-Core	1002	1208	NA	NA
Radeon HD 7660G + HD 7500/7600 7500/7600 Dual	1002	1209	NA	NA
Radeon R7 A10-7890K	1003	1207	NA	NA
FirePro V4900	1005	1206	6.70	$149.99*
Glenfly Arise-GT-10C0	1007	1205	NA	NA
GeForce 830M	1008	1204	NA	NA
GeForce 930M	1009	1202	NA	NA
Radeon HD 7690M XT	1009	1203	NA	NA
Quadro K2000M	1010	1201	7.02	$144.04*
Radeon R5 A6-9500E 2C+4G	1014	1200	NA	NA
Radeon R7 A12-9730P RADEON	1014	1199	NA	NA
Radeon HD 8750M	1015	1198	NA	NA
Radeon HD 6700M	1016	1197	NA	NA
Radeon HD 8670D + R7 240 Dual	1020	1196	NA	NA
Radeon R7 + R5 330 Dual	1028	1195	NA	NA
Radeon 530	1029	1194	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 8600/8700M	1029	1193	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel UHD Graphics 620	1042	1189	NA	NA
Radeon Vega 3 Athlon 300GE	1044	1188	NA	NA
Radeon HD 6750	1045	1185	13.07	$79.99*
Radeon R7 + R7 240 Dual	1045	1186	NA	NA
Radeon R7 M460	1045	1187	NA	NA
GeForce GTX 850A	1049	1184	NA	NA
Radeon R7 250	1049	1183	10.50	$99.99*
Qualcomm Adreno 690 GPU	1050	1181	NA	NA
Radeon HD 7670A	1050	1182	NA	NA
FirePro W4170M	1053	1179	NA	NA
OPAL XT/GL	1053	1180	NA	NA
Firepro M4100	1059	1178	NA	NA
Radeon HD 7520G + 7700M Dual	1060	1177	NA	NA
Radeon HD 7660D + 7670 Dual	1061	1176	NA	NA
Radeon 535	1062	1175	NA	NA
Radeon R7 A12-9800 RADEON	1066	1174	NA	NA
GeForce 920MX	1070	1172	NA	NA
Radeon HD 8450G + 8600/8700M Dual	1070	1173	NA	NA
Radeon 625	1073	1171	NA	NA
Radeon R7 + R7 200 Dual	1077	1170	NA	NA
Barco MXRT 5450	1079	1169	5.40	$199.99*
MIRRORV3	1080	1168	NA	NA
RadeonT 610M	1085	1167	NA	NA
Intel UHD Graphics 710	1086	1166	NA	NA
Quadro K1100M	1087	1165	3.37	$322.99*
Radeon Vega 3 Athlon Gold 3150G	1088	1164	NA	NA
GeForce GTX 850M - MODDED	1091	1162	NA	NA
Mobility Radeon HD 5870	1091	1163	NA	NA
Radeon R7 430	1094	1161	7.27	$150.58*
GeForce 840M	1096	1158	NA	NA
Radeon R5 PRO A6-9500 2C+6G	1096	1160	NA	NA
Radeon R7 A10-7870K	1096	1159	NA	NA

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

Video Card

GeForce GT 545	1101	1154	19.82	$55.59
GeForce 940A	1106	1153	NA	NA
Radeon 610M	1111	1152	NA	NA
Intel HD 630	1112	1151	NA	NA
Radeon R9 M275	1114	1150	1.59	$699.99*
Radeon HD 7660D + 7500 Dual	1121	1149	NA	NA
GeForce 840A	1123	1148	NA	NA
Radeon Ryzen 5 3450U	1123	1147	NA	NA
Radeon HD 8650G + 7700M Dual	1126	1146	NA	NA
GeForce 940M	1127	1145	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7560D + 6670 Dual	1130	1144	NA	NA
Radeon HD 4850 X2	1132	1143	NA	NA
Radeon R7 M465	1134	1142	NA	NA
Radeon R7 Opteron X3421	1135	1141	NA	NA
Radeon HD 8850M / R9 M265X	1139	1140	NA	NA
Firepro W4190M	1143	1139	NA	NA
Intel Coffee Lake UHD	1158	1138	NA	NA
Intel HD P530	1160	1137	NA	NA
Barco MXRT 5400	1161	1136	5.72	$203.00*
Radeon R9 M265X	1161	1135	NA	NA
Quadro K620M	1163	1134	NA	NA
FireStream 9250	1164	1133	NA	NA
GeForce GPU	1166	1131	NA	NA
Radeon RX Vega 10 Ryzen 7 3700C	1166	1132	NA	NA
Quadro M500M	1167	1130	NA	NA
Radeon HD 5750	1168	1129	9.70	$120.42
GeForce GT 640	1172	1128	10.66	$109.99*
FirePro V5800	1175	1127	22.18	$53.00*
Intel Iris Pro 5200	1179	1126	NA	NA
Radeon R7 M350	1186	1125	NA	NA
FirePro M4170	1188	1124	NA	NA

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

Video Card

Radeon HD 7730	1195	1120	5.14	$232.70
GeForce GTX 295	1200	1119	7.51	$159.99*
GeForce 830A	1201	1118	NA	NA
Intel HD P630	1204	1116	NA	NA
N16P-GX	1204	1114	NA	NA
Radeon HD 7660D + 7540D Dual	1204	1115	NA	NA
Radeon R9 M270X	1204	1117	NA	NA
GeForce GT 650M	1205	1113	NA	NA
FirePro 3D V8700	1206	1112	7.09	$170.07*
GeForce GTX 260	1208	1111	4.23	$285.78*
Radeon HD 8790M / R9 M290X	1210	1110	NA	NA
GeForce GTX 460M	1217	1109	NA	NA
Quadro FX 5800	1221	1108	4.46	$274.00*
Radeon HD 8670D + HD 6670 Dual	1221	1107	NA	NA
GeForce GTX 760A	1226	1106	NA	NA
FirePro 3D V5800	1231	1105	6.04	$204.00*
Radeon R7 + R7 250 Dual	1232	1104	NA	NA
Radeon R7 + R5 340 Dual	1234	1103	NA	NA
GeForce GT 745A	1237	1100	NA	NA
Intel UHD Graphics 630	1237	1102	NA	NA
Radeon HD 7560D + HD 6570 Dual	1237	1101	NA	NA
Radeon HD 7660D + 6670 Dual	1238	1099	NA	NA
Quadro 2000 D	1239	1097	NA	NA
Radeon HD 8570D + 6570 Dual	1239	1098	NA	NA
Radeon HD 6770	1258	1095	4.75	$264.99*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon HD 7560D + HD 7600 Dual	1258	1096	NA	NA
Radeon HD 8570D + HD 6670 Dual	1260	1094	NA	NA
Intel Iris 540	1261	1093	NA	NA
FirePro V5900	1263	1092	14.69	$86.00*
GeForce 930A	1264	1091	NA	NA
FirePro 3D V8750	1271	1090	1.03	$1,230.99*

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

Video Card

Radeon R7 A370	1281	1086	NA	NA
MxGPU	1282	1085	NA	NA
Radeon Vega 6 Ryzen 3 3300U	1283	1083	NA	NA
Radeon Vega 8 Ryzen 5 3450U	1283	1084	NA	NA
GeForce 930MX	1284	1082	NA	NA
GeForce GTX 280	1285	1081	2.46	$522.78*
TENSOR 1.0 Driver Intel HD 630	1299	1080	NA	NA
Radeon Ryzen 7 3700U	1301	1079	NA	NA
Radeon HD 8790M	1305	1078	NA	NA
Tesla M2070-Q	1305	1077	NA	NA
Radeon HD 4870 X2	1309	1075	NA	NA
Radeon R7 PRO A8-8670E	1309	1074	NA	NA
Radeon Vega 6	1309	1076	0.73	$1,799.99*
FirePro M5950	1314	1073	NA	NA
GeForce GTS 450	1317	1071	9.82	$134.23*
Radeon HD 8670D + HD 7600 Dual	1317	1072	NA	NA
GeForce GT 750M	1329	1070	NA	NA
FireStream 9270	1341	1069	NA	NA
Radeon HD 5770	1345	1068	7.08	$189.99*
Radeon HD 7560D + HD 7700 Dual	1346	1067	NA	NA
Radeon Vega 6 Ryzen 3 PRO 3300U w/	1350	1066	NA	NA
Quadro K2100M	1359	1065	3.27	$415.99*
Intel Iris Plus 640	1360	1064	NA	NA
Radeon HD 8670D + 6670 Dual	1361	1063	NA	NA
FirePro M40003	1364	1062	NA	NA
Ryzen 3 4300U with Radeon Graphics	1365	1061	NA	NA
Radeon Vega 8 Ryzen 5 3500U	1367	1060	NA	NA
Radeon HD 7850M	1372	1058	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200G	1372	1059	NA	NA
Radeon HD 7560D + HD 7670 Dual	1380	1057	NA	NA
GeForce GTX 275	1382	1056	3.20	$431.72*
Radeon HD 4870	1386	1055	9.06	$153.08

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 M370	1417	1051	NA	NA
Radeon R9 255	1420	1050	4.13	$344.16*
Radeon RX Vega11 Ryzen 7 Microsoft Surface Edition	1420	1049	NA	NA
GeForce MX110	1422	1048	NA	NA
Radeon EPYC 4244P 6-Core	1424	1047	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon HD 7560D + 7670 Dual	1426	1046	NA	NA
Radeon Vega 8 Mobile	1429	1045	NA	NA
Radeon Ryzen 3 PRO 4355GE	1431	1044	NA	NA
Ryzen 3 PRO 5475U with Radeon Graphics	1431	1043	NA	NA
Intel Iris 650	1432	1042	NA	NA
Intel Iris 550	1435	1041	NA	NA
Radeon HD 8470D + HD 6670 Dual	1435	1040	NA	NA
RadeonT 680M Ryzen 7 6800H	1437	1039	NA	NA
Ryzen 5 PRO 4400GE with Radeon Graphics	1441	1038	NA	NA
Radeon Vega 9 Ryzen 5 Microsoft Surface Edition	1443	1037	NA	NA
Radeon Ryzen Embedded R2514	1444	1036	NA	NA
Radeon 540X	1445	1035	NA	NA
GeForce GTX 660M	1447	1034	18.33	$78.99*
Radeon R7 FX-9830P RADEON	1464	1033	NA	NA
GeForce GT 740	1472	1032	6.22	$236.99*
Intel Iris Pro Graphics 6200	1473	1031	NA	NA
Quadro 4000	1475	1030	2.98	$495.00*
Radeon Vega 8 Ryzen 5 PRO 3500U w/	1477	1029	NA	NA
Radeon R9 M365X	1481	1028	NA	NA
Radeon HD 7660D + HD 6670 Dual	1484	1027	NA	NA
Radeon Ryzen 5 PRO 7645 6-Core	1486	1026	NA	NA
Radeon HD 6670 + 7660D Dual	1492	1025	NA	NA
GRID M10-1B	1493	1024	NA	NA
Intel UHD Graphics	1495	1023	NA	NA
GeForce GTX 285	1500	1022	12.51	$119.99*
Radeon RX Vega 10 Ryzen 7 3700U	1501	1021	NA	NA

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

Video Card

Radeon Ryzen 5 PRO 5655GE	1510	1017	NA	NA
Radeon 630	1512	1016	NA	NA
GeForce 940MX	1515	1015	NA	NA
FirePro W4100	1525	1014	8.29	$184.00*
Radeon RX Vega 8	1527	1012	NA	NA
Radeon Ryzen Embedded V2516	1527	1011	NA	NA
Ryzen 3 PRO 4450U with Radeon Graphics	1527	1013	NA	NA
Radeon Ryzen 3 5425U	1532	1010	NA	NA
Radeon HD 4890	1534	1009	17.05	$89.99*
FirePro V8700	1538	1007	9.75	$157.88*
Radeon Vega 10 Mobile	1538	1008	NA	NA
Ryzen 3 5300U with Radeon Graphics	1539	1006	NA	NA
GeForce 845M	1540	1005	NA	NA
Radeon Ryzen 3 PRO 5475U	1541	1004	NA	NA
Radeon Vega 6 Ryzen 3 3350U	1541	1003	NA	NA
Ryzen 3 PRO 4300U with Radeon Graphics	1542	1002	NA	NA
Radeon Vega 10	1543	1001	NA	NA
Radeon HD 8470D + HD 7500 Dual	1545	1000	NA	NA
Radeon Vega 8 Ryzen 3 PRO 3200GE w/	1549	999	NA	NA
Radeon R9 M370X	1552	998	1.75	$889.00*

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 550 Ti	1553	997	15.54	$99.99*
Radeon HD 7560D + HD 6670 Dual	1554	996	NA	NA
Radeon Vega 10 Ryzen 7 PRO 3700U w/	1568	995	NA	NA
GeForce GTX 555	1571	993	NA	NA
Radeon Vega 9 Ryzen 5 3550H	1571	994	NA	NA
Radeon Athlon Gold PRO 4150GE	1573	991	NA	NA
Radeon Ryzen 7 PRO 7745 8-Core	1573	992	NA	NA
Radeon R9 M275X / M375	1574	990	NA	NA
Quadro K2000	1578	989	5.37	$294.00*
Radeon Vega 8	1580	988	12.46	$126.86*
Intel UHD Graphics 730	1585	987	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro M4000	1595	983	21.91	$72.83
Intel Iris Pro P6300	1596	982	NA	NA
Ryzen 3 5400U with Radeon Graphics	1598	981	NA	NA
Seria Radeon HD 7700	1603	980	NA	NA
Intel Iris Plus 650	1604	979	NA	NA
Radeon RX Vega11	1605	978	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400GE w/	1605	977	NA	NA
Radeon EPYC 4464P 12-Core	1613	976	NA	NA
Radeon EPYC 4124P 4-Core	1614	975	NA	NA
Radeon Ryzen 3 5300U	1616	974	NA	NA
GeForce GTX 480M	1617	973	NA	NA
Ryzen 3 PRO 5450U with Radeon Graphics	1617	972	NA	NA
Ryzen 7 2700U with Radeon Vega	1617	971	NA	NA
Radeon EPYC 4484PX 12-Core	1619	970	NA	NA
RadeonT RX Vega 11	1621	969	NA	NA
Radeon 610M Ryzen 9 7945HX	1627	968	NA	NA
FirePro M4000 Mobility Pro	1629	967	NA	NA
Radeon RX Vega 10	1632	966	NA	NA
Radeon EPYC 4344P 8-Core	1634	965	NA	NA
Radeon HD 8870M	1638	964	NA	NA
Quadro P500	1639	963	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C7 Ryzen	1642	962	NA	NA
Quadro K3000M	1646	961	4.04	$407.56*
Radeon 610M Ryzen 9 7940HX	1647	960	NA	NA
Quadro P400	1648	959	8.19	$201.17*
Virtual Display Device	1649	958	NA	NA
Radeon Eng Sample: 100-000000144-40_38/38_Y	1651	956	NA	NA
Radeon HD HD7850M	1651	957	NA	NA
PCI\VEN_1002&DEV_164E&SUBSYS_D0001458&REV_C3 Ryzen	1653	955	NA	NA
Radeon EPYC 4584PX 16-Core	1661	954	NA	NA
Intel UHD Graphics P750	1662	953	NA	NA

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

Video Card

Radeon HD 7750	1690	948	14.78	$114.39

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Ryzen 9 7950X3D 16-Core	1690	949	NA	NA
Quadro 5010M	1691	946	7.17	$235.95*
Ryzen 3 5425U with Radeon Graphics	1691	947	NA	NA
Radeon Ryzen 3 7330U	1692	945	NA	NA
Ryzen 3 7330U with Radeon Graphics	1693	944	NA	NA
Radeon Vega 8 Ryzen 5 3550H	1695	943	NA	NA
Radeon R9 M275X	1699	942	NA	NA
Radeon HD 6900M	1701	941	NA	NA
Radeon Ryzen 7 7700 8-Core	1702	940	NA	NA
GeForce GT 755M	1707	939	NA	NA
Ryzen 5 PRO 4650U with Radeon Graphics	1708	938	NA	NA
Radeon RX Vega11 Ryzen 7 3750H	1711	937	NA	NA
FirePro M6000 Mobility Pro	1712	936	NA	NA
Qualcomm Adreno X1-45 GPU	1714	935	NA	NA
Radeon Ryzen 5 7600X 6-Core	1714	934	NA	NA
Ryzen 5 PRO 5675U with Radeon Graphics	1719	933	NA	NA
Intel Iris Plus 655	1720	932	NA	NA
Intel UHD Graphics 750	1724	931	NA	NA
Radeon Ryzen 9 PRO 7945 12-Core	1725	930	NA	NA
Ryzen 9 9900X 12-Core Processor	1729	929	NA	NA
Radeon Ryzen 3 PRO 5450U	1731	928	NA	NA
Radeon HD 5830	1732	927	6.69	$258.99*
Radeon R9 M375X	1734	926	NA	NA
GeForce GTX 760M	1744	925	NA	NA
GeForce GTX 670M	1745	924	NA	NA
Ryzen 3 PRO 4200GE with Radeon Graphics	1748	923	NA	NA
Intel Iris Plus 645	1749	922	NA	NA
GeForce GTX 650	1751	921	12.18	$143.80*
GRID M10-8Q	1755	920	NA	NA
Embedded Radeon E9173	1758	919	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon R7 M465X	1780	915	NA	NA
Radeon Ryzen 9 7900X3D 12-Core	1786	914	NA	NA
Radeon HD 8670D + 7700 Dual	1788	913	NA	NA
Radeon Ryzen 5 3550H	1794	912	NA	NA
Radeon HD 8870M / R9 M270X / M370X	1799	911	NA	NA
Intel Iris Plus	1808	910	NA	NA
Matrox C900 PCIe x16	1812	909	NA	NA
Ryzen 5 4500U with Radeon Graphics	1815	908	NA	NA
GeForce MX130	1816	907	NA	NA
Radeon RX Vega 11 Processor	1816	906	NA	NA
Radeon R9 M360	1818	905	NA	NA
Firepro W5170M	1819	904	NA	NA
FirePro M6000	1820	903	5.58	$325.99*
Radeon Ryzen 3 PRO 7330U	1822	902	NA	NA
Ryzen 3 PRO 5350GE with Radeon Graphics	1827	901	NA	NA
Ryzen 7 9800X3D 8-Core Processor	1830	900	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
GeForce MX230	1832	899	NA	NA
Radeon HD 8570D + HD 7700 Dual	1834	898	NA	NA
GRID M60-0B	1838	897	NA	NA
FirePro M5100 FireGL V	1839	896	NA	NA
Radeon Ryzen Embedded V2748	1842	895	NA	NA
Intel Iris Pro P580	1845	894	NA	NA
Radeon Ryzen 7 7800X3D 8-Core	1849	893	NA	NA
GeForce 945A	1852	892	NA	NA
Radeon Vega 11	1854	891	NA	NA
Ryzen 5 9600X 6-Core Processor	1858	890	NA	NA
Radeon Ryzen Embedded R2544	1864	888	NA	NA
Radeon Vega 8 Ryzen 3 3200G	1864	889	NA	NA
GeForce GTX 460 v2	1865	886	9.33	$199.99*
Radeon Pro WX 2100	1865	887	NA	NA
FirePro 3D V7800	1867	885	3.11	$599.99*

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

Video Card

Ryzen 5 PRO 7530U with Radeon Graphics	1873	881	NA	NA
GeForce GTX 645	1887	880	NA	NA
Citrix Indirect Display Adapter	1888	879	NA	NA
Radeon HD 8670D + HD 7700 Dual	1892	878	NA	NA
GeForce GTX 560 SE	1898	875	21.10	$89.99*
Quadro M520	1898	876	NA	NA
Ryzen 3 PRO 4350GE with Radeon Graphics	1898	877	NA	NA
Radeon HD 7700-serie	1899	874	NA	NA
Radeon Ryzen 5 PRO 5675U	1899	873	NA	NA
Radeon R7 450	1901	872	6.36	$299.00*
Matrox C680 PCIe x16	1903	871	NA	NA
Ryzen 5 4600U with Radeon Graphics	1904	870	NA	NA
Radeon RX Vega 10 Ryzen 7 3750H	1912	869	NA	NA
Intel UHD Graphics 770	1913	868	NA	NA
Ryzen 3 5300GE with Radeon Graphics	1917	867	NA	NA
Radeon HD 7560D + 7700 Dual	1919	866	NA	NA
Radeon RX 570X	1923	865	12.57	$153.01*
GeForce GTX 675M	1925	864	NA	NA
Radeon 660M Ryzen 3 7335U	1927	863	NA	NA
Ryzen 3 5300G with Radeon Graphics	1927	862	NA	NA
Radeon RX Vega 11 Ryzen 5 3400GE	1929	861	NA	NA
Quadro 5000	1945	860	0.90	$2,160.14
Radeon RX Vega 11 Ryzen 5 3350G	1946	859	NA	NA
Radeon Ryzen 3 PRO 5355GE	1951	858	NA	NA
GeForce GTX 470M	1953	857	NA	NA
Radeon HD 6850	1956	856	9.25	$211.60
Radeon HD 7660D + HD 7700 Dual	1958	855	NA	NA
Qualcomm Adreno 8cx Gen 3	1959	854	NA	NA
Radeon R7 + HD 7700 Dual	1962	853	NA	NA
Intel Iris Xe MAX 100	1964	852	NA	NA
Radeon HD 5850	1968	851	6.81	$288.99*

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

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

Video Card

Quadro K4000M	1977	847	7.79	$254.00
Ryzen 3 7335U with Radeon Graphics	1980	846	NA	NA
Radeon R7 + R7 350 Dual	1982	845	NA	NA
GeForce GTX 460 SE	1990	844	12.44	$159.99*
Radeon R9 M385X	1993	842	NA	NA
Ryzen 5 PRO 5650U with Radeon Graphics	1993	843	NA	NA
Radeon Vega 8 Ryzen 3 3200GE	1994	841	NA	NA
Radeon RX 540	1996	840	NA	NA
Ryzen 5 5625U with Radeon Graphics	1996	839	NA	NA
Radeon R9 350	1997	838	6.68	$299.00*
Intel Iris Pro 580	1998	837	NA	NA
Radeon Ryzen Embedded V2718	1998	836	NA	NA
GeForce GT 645	2005	835	NA	NA
Ryzen 5 PRO 4500U with Radeon Graphics	2007	834	NA	NA
GeForce GTX 765M	2009	833	10.79	$186.30*
Radeon Ryzen 7 7700X 8-Core	2010	832	NA	NA
FirePro V7800	2028	831	10.68	$190.00*
Radeon Ryzen 5 5560U	2028	830	NA	NA
Radeon Ryzen 7 PRO 4750U	2029	828	NA	NA
Ryzen 7 PRO 4750U with Radeon Graphics	2029	829	NA	NA
Radeon Ryzen 7 4700U	2032	826	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3400G	2032	827	NA	NA
Ryzen 7 4700U with Radeon Graphics	2034	825	NA	NA
Radeon Ryzen 3 PRO 7335U	2042	824	NA	NA
Radeon Ryzen 5 5500U	2055	823	NA	NA
Radeon Ryzen 9 7900 12-Core	2056	822	NA	NA
Radeon Ryzen 7 PRO 5875U	2058	821	NA	NA
Quadro 5000M	2059	820	NA	NA
Radeon R9 M385	2060	818	NA	NA
Radeon TM R9 A360	2060	819	NA	NA
Ryzen 7 PRO 5875U with Radeon Graphics	2067	817	NA	NA
Radeon Ryzen 5 Microsoft Surface Edition	2068	816	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Quadro P520	2095	812	1.40	$1,499.00
Radeon Ryzen 5 5600U	2095	811	NA	NA
Intel G35 Express	2097	810	NA	NA
Ryzen 5 5560U with Radeon Graphics	2098	809	NA	NA
FirePro M5100	2102	807	NA	NA
Ryzen 3 Pro 4350G with Radeon Graphics	2102	808	NA	NA
Radeon Ryzen 5 7430U	2103	806	NA	NA
GeForce 945M	2108	804	NA	NA
Radeon RX Vega 11	2108	805	2.10	$1,002.00*
Radeon 550	2110	803	14.67	$143.85
Ryzen 7 4800H with Radeon Graphics	2113	802	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon RX 640	2114	801	NA	NA
Radeon Ryzen 7 PRO 5755GE	2117	800	NA	NA
Radeon Ryzen 5 5625U	2127	799	NA	NA
VirtualMonitor Device	2130	798	NA	NA
Ryzen 5 PRO 4650GE with Radeon Graphics	2131	797	NA	NA
GeForce GTX 745	2135	796	7.49	$284.95*
Ryzen 3 PRO 7330U with Radeon Graphics	2144	795	NA	NA
Ryzen 5 5600U with Radeon Graphics	2150	794	NA	NA
GRID P4-1B	2151	793	NA	NA
Ryzen 5 4600H with Radeon Graphics	2157	792	NA	NA
Intel UHD Graphics P630	2161	791	NA	NA
Radeon Ryzen 3 7335U	2162	790	NA	NA
Radeon Ryzen 5 PRO 4655G	2164	789	NA	NA
Quadro M600M	2171	788	8.62	$251.99*
Radeon HD 7770	2172	787	7.24	$300.00*
Radeon RX Vega 11 Ryzen 5 3400G	2179	786	NA	NA
Radeon Vega 11 Ryzen 5 PRO 3350G	2184	785	NA	NA
Moore Threads S3000 MTvGPU-1132	2186	784	NA	NA
Ryzen 7 4700G with Radeon Graphics	2186	783	NA	NA
Radeon HD 5870	2197	782	5.11	$429.99

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

Video Card

Radeon Pro WX 4130	2224	777	NA	NA
Ryzen 5 5500GT with Radeon Graphics	2224	778	NA	NA
Quadro K620	2225	776	1.10	$2,029.99*
Ryzen 7 Extreme Edition	2239	775	NA	NA
Ryzen 7 5700U with Radeon Graphics	2241	774	NA	NA
Radeon Ryzen 5 7530U	2243	773	NA	NA
FirePro M6100	2245	772	NA	NA
FirePro V7900	2247	771	11.83	$190.00*
Radeon Ryzen 5 4600GE with Radeon Graphics	2249	770	NA	NA
Ryzen 5 7530U with Radeon Graphics	2250	769	NA	NA
Ryzen 7 9700X 8-Core Processor	2250	768	NA	NA
GeForce MX150	2261	767	38.14	$59.29*
Radeon HD 5970	2263	766	3.14	$721.20*
Quadro K3100M	2268	765	5.67	$399.95*
Radeon R7 250X	2268	764	11.70	$194.00*
GeForce GTX 460	2270	761	25.24	$89.99*
Radeon HD 6970M	2270	762	10.51	$215.99*
Ryzen 5 7430U with Radeon Graphics	2270	763	NA	NA
FirePro V8800	2280	760	11.52	$198.00*
Radeon Ryzen 7 Microsoft Surface Edition	2282	759	NA	NA
Radeon Ryzen 7 5700U	2286	758	NA	NA
Radeon Ryzen 5 PRO 5650G	2294	757	NA	NA
Ryzen 5 5600H with Radeon Graphics	2297	756	NA	NA
Ryzen 3 PRO 5350G with Radeon Graphics	2299	755	NA	NA
Ryzen 5 PRO 4400G with Radeon Graphics	2305	754	NA	NA
Ryzen 7 5800U with Radeon Graphics	2310	753	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega - Renoir Ryzen 3 5300U	2312	752	NA	NA
Ryzen 3 4300GE with Radeon Graphics	2312	751	NA	NA
Radeon Ryzen 7 4800U	2319	750	NA	NA
Radeon RX Vega Ryzen 3 5300U	2329	749	NA	NA
Radeon R9 M470	2330	748	NA	NA

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

Video Card

Ryzen 7 4800U with Radeon Graphics	2343	744	NA	NA
Ryzen 7 5825U with Radeon Graphics	2351	743	NA	NA
FirePro W6150M	2358	742	NA	NA
GeForce GTX 485M	2359	741	NA	NA
Radeon Ryzen 5 PRO 4655GE	2361	740	NA	NA
Ryzen 5 4600G with Radeon Graphics	2362	739	NA	NA
GRID M10-2B	2363	738	NA	NA
Radeon Pro	2365	737	5.52	$428.98
Radeon RX 550X	2366	736	NA	NA
Radeon Ryzen 7 PRO 4750GE	2377	735	NA	NA
GRID M10-1Q	2384	734	NA	NA
Radeon Ryzen 9 7900X 12-Core	2387	733	NA	NA
Ryzen 7 PRO 5750G with Radeon Graphics	2387	732	NA	NA
Radeon Ryzen 7 5825U	2390	731	NA	NA
Ryzen 5 Pro 4650G with Radeon Graphics	2392	730	NA	NA
GeForce MX250	2393	729	NA	NA
Radeon Ryzen 5 5600H	2394	728	NA	NA
Radeon RX Vega 11 PRD	2401	727	NA	NA
Radeon Ryzen 7 5800U	2405	726	NA	NA
GeForce MX330	2416	725	NA	NA
Radeon Pro WX 3200	2420	724	17.08	$141.71
Ryzen 7 7730U with Radeon Graphics	2433	723	NA	NA
FirePro 3D V8800	2437	722	5.74	$424.99*
A16-2B	2442	720	NA	NA
GeForce GT 1030	2442	721	23.26	$105.01
P106-090	2447	719	NA	NA
Ryzen 5 PRO 5650GE with Radeon Graphics	2455	718	NA	NA
Radeon Ryzen 7 7730U	2461	717	NA	NA
Barco MXRT 5600	2465	716	3.50	$704.00*
Ryzen 5 PRO 5650G with Radeon Graphics	2481	715	NA	NA
Radeon Ryzen 5 5600GT	2492	714	NA	NA
Ryzen 7 4700GE with Radeon Graphics	2496	713	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX 850M	2519	709	NA	NA
Radeon Ryzen 5 5600GE	2522	708	NA	NA
N18E-Q1	2525	707	NA	NA
FireStream 9370	2528	706	NA	NA
GeForce GTX 650 Ti	2532	705	27.21	$93.05*
Radeon HD 6850 X2	2534	704	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GRID K240Q	2541	703	NA	NA
Ryzen 5 5600GE with Radeon Graphics	2547	702	NA	NA
Radeon Ryzen 5 PRO 6650H	2548	701	NA	NA
Ryzen 7 PRO 4750GE with Radeon Graphics	2549	700	NA	NA
Radeon Ryzen 7 5800HS	2555	699	NA	NA
Ryzen 7 PRO 7730U with Radeon Graphics	2566	698	NA	NA
Radeon Ryzen 5 5500GT	2572	697	NA	NA
Ryzen 5 5600G with Radeon Graphics	2573	696	NA	NA
Snapdragon X Elite - X1E78100 - Qualcomm Adreno GP	2575	695	NA	NA
GeForce GTX 950M	2579	694	4.55	$567.00*
Radeon Ryzen 7 4700G	2581	693	NA	NA
Radeon Ryzen 5 PRO 5655G	2587	692	NA	NA
GeForce GTX 950A	2592	691	NA	NA
Radeon Ryzen 7 4700GE	2595	690	NA	NA
Radeon HD 6950	2600	689	18.58	$139.99*
Snapdragon X Plus - X1P64100 - Qualcomm Adreno GPU	2603	688	NA	NA
Radeon Ryzen 9 4900H	2607	687	NA	NA
Snapdragon X Elite - X1E80100 - Qualcomm Adreno GP	2617	686	NA	NA
Radeon Pro WX 3100	2620	685	NA	NA
MONSTER GeForce GTX 675M	2637	684	NA	NA
FirePro R5000	2646	683	24.06	$109.99*
GeForce GTX 465	2653	682	13.61	$195.00*
Intel Iris Xe	2675	681	NA	NA
Ryzen 7 Pro 4750G with Radeon Graphics	2681	680	NA	NA
GRID M10-2Q	2691	679	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 550	2707	675	16.62	$162.96
Quadro K4000	2721	674	10.08	$270.00*
Radeon Pro 450	2722	673	NA	NA
FirePro V9800	2726	672	5.75	$474.00*
Radeon Pro WX 4170	2732	671	NA	NA
GRID K2	2736	670	2.05	$1,331.97*
Ryzen 7 5800H with Radeon Graphics	2736	669	NA	NA
Ryzen 7 5700GE with Radeon Graphics	2762	668	NA	NA
Quadro M620	2763	667	NA	NA
GeForce GTX 560	2771	664	13.52	$205.00*
GeForce GTX 675MX	2771	666	NA	NA
Quadro K4100M	2771	663	10.61	$261.29*
Radeon R9 M380	2771	665	NA	NA
Ryzen 7 5700G with Radeon Graphics	2779	662	NA	NA
GRID T4-2B	2785	661	NA	NA
Ryzen 7 5800HS with Radeon Graphics	2795	660	NA	NA
GeForce GTX 770M	2796	659	20.26	$138.00*
FirePro W4300	2799	658	11.66	$239.99*
GeForce MX350	2806	656	NA	NA
Quadro K5000M	2806	657	5.51	$508.91*
Radeon HD 8950	2809	655	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro 3D V9800	2811	654	1.13	$2,499.00*
Qualcomm Adreno X1-85 GPU	2814	653	NA	NA
Radeon Ryzen 7 5800H	2815	652	NA	NA
Radeon HD 6970	2835	651	18.90	$149.99*
GRID K280Q	2839	650	NA	NA
Quadro M1000M	2850	649	33.15	$85.99*
Radeon Pro V340 MxGPU	2853	648	NA	NA
FirePro M6100 FireGL V	2875	647	NA	NA
Radeon R7 260	2891	646	32.13	$89.99*
Custom GPU 0405	2902	645	NA	NA

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

Video Card

GRID K260Q	2949	641	NA	NA
Radeon Ryzen 9 5900H	2960	640	NA	NA
GRID M10-4Q	2976	639	NA	NA
FirePro W5100	2981	637	23.66	$125.99*
Snapdragon X Elite - X1E84100 - Qualcomm Adreno GP	2981	638	NA	NA
NVIDIA A10-4Q	2983	636	NA	NA
FirePro W5000	2988	635	16.24	$184.00*
Tesla M10	2994	634	1.11	$2,695.00*
Radeon HD 6990	3013	633	6.05	$498.49*
Tesla C2075	3016	632	4.67	$646.00*
Radeon R9 360	3031	631	22.64	$133.89*
Radeon R9 260	3047	630	NA	NA
GeForce GTX 560 Ti	3056	629	23.52	$129.99*
GeForce GTX 860M	3064	628	26.88	$114.00*
Radeon HD 7790	3090	627	22.07	$139.99*
Radeon Pro 455	3112	626	6.93	$449.00*
GeForce GTX 470	3119	625	52.00	$59.99*
Tesla C2070	3120	624	5.17	$604.00*
Intel Graphics	3127	623	NA	NA
Radeon Ryzen 5 7535HS	3139	622	NA	NA
Radeon Pro 555	3140	621	2.99	$1,049.00*
Radeon R7 360	3141	619	21.52	$145.99*
Radeon Ryzen 5 Pro 7535U	3141	620	NA	NA
Tesla K40m	3143	618	NA	NA
Radeon 660M Ryzen 5 7535HS	3148	617	NA	NA
FirePro V7000	3161	615	NA	NA
FirePro W7170M	3161	616	NA	NA
Radeon RX 560X	3168	614	NA	NA
Tesla C2050	3175	613	11.76	$269.99*
Radeon R7 260X	3192	612	22.81	$139.99*
GRID T4-4Q	3196	611	NA	NA
Radeon Ryzen 5 7535U	3201	610	NA	NA

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

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon 740M	3214	606	NA	NA
Quadro K5100M	3225	605	2.91	$1,108.84*
Ryzen 5 6600U with Radeon Graphics	3233	604	NA	NA
GRID P4-4A	3239	603	NA	NA
Custom GPU 0932	3242	602	NA	NA
Radeon R9 M470X	3244	601	NA	NA
GeForce 770M	3245	599	18.34	$176.99*
Snapdragon X Elite - X1E001DE - Qualcomm Adreno GP	3245	600	NA	NA
GeForce GTX 680M	3251	598	23.91	$135.99*
GRID P100-8Q	3267	597	NA	NA
A16-1Q	3275	596	NA	NA
Radeon R9 M290X	3282	595	NA	NA
GRID T4-1Q	3302	594	NA	NA
GRID P4-2A	3307	593	NA	NA
Radeon Ryzen 5 6600U	3312	592	NA	NA
A40-24Q	3317	591	NA	NA
Quadro P600	3318	590	15.76	$210.58*
Ryzen 5 7535U with Radeon Graphics	3323	589	NA	NA
GeForce GTX 750	3338	588	25.46	$131.15
GeForce GTX 590	3341	587	7.68	$435.00*
Radeon 660M	3341	586	NA	NA
Radeon E8870PCIe	3368	585	NA	NA
Radeon HD8970M	3368	584	NA	NA
GeForce GTX 960M	3371	583	2.88	$1,169.00*
GeForce GTX 650 Ti BOOST	3377	582	NA	NA
Radeon Ryzen 7 4800H	3387	581	NA	NA
Radeon Ryzen 7 4800HS	3391	580	NA	NA
Radeon Ryzen 9 7950X 16-Core	3426	579	NA	NA
Tesla C2050 / C2070	3428	578	NA	NA
Quadro M2000M	3448	577	16.18	$213.16*
GRID T4-2Q	3450	576	NA	NA

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

Video Card

Radeon Pro 560	3475	572	NA	NA
GeForce GTX 870M	3489	571	NA	NA
Quadro K2200M	3501	570	28.02	$124.95*
Quadro 7000	3505	569	NA	NA
GRID K520	3516	568	23.44	$149.99*
Ryzen 5 PRO 6650U	3519	567	NA	NA
Ryzen 5 PRO 6650U with Radeon Graphics	3533	566	NA	NA
GeForce GTX 680M KY_Bullet Edition	3568	563	NA	NA
GRID M6-8Q	3568	565	NA	NA
Radeon HD 7970M	3568	564	NA	NA
Quadro K2200	3571	562	13.31	$268.30*
P104-100	3575	561	11.92	$299.99*
Ryzen 5 6600H with Radeon Graphics	3579	560	NA	NA
GeForce GTX 680MX	3593	559	NA	NA
Radeon Ryzen 5 6600H	3599	558	NA	NA
T400	3611	557	21.63	$166.99

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
VMware Horizon Indirect Display Driver	3651	556	NA	NA
Radeon RX 560	3654	555	17.42	$209.78
T500	3657	554	NA	NA
Radeon R9 M485X	3660	553	NA	NA
Quadro P620	3663	552	6.38	$574.55*
Radeon Pro WX 4100	3670	551	7.34	$499.99*
Radeon Pro 560X	3677	550	NA	NA
Matrox LUMA A310	3690	549	NA	NA
Ryzen 5 6600HS Creator Edition	3690	548	NA	NA
GRID M60-1Q	3694	547	NA	NA
Radeon Ryzen 5 PRO 6650U	3696	546	NA	NA
GeForce GTX 775M	3698	545	NA	NA
Ryzen 5 Pro 7535U with Radeon Graphics	3750	544	NA	NA
Barco MXRT 7500	3753	543	12.55	$299.00*
GeForce MX450	3758	542	NA	NA

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

Video Card

GeForce GTX 780M	3798	538	7.61	$499.00
Radeon Ryzen 7 Pro 7735U	3816	537	NA	NA
GeForce GTX 965M	3825	536	NA	NA
GeForce GTX 880M	3829	535	NA	NA
GRID M60-4Q	3831	534	NA	NA
Radeon R9 M390X	3850	533	NA	NA
Matrox LUMA A310F	3873	532	NA	NA
Radeon HD 7850	3876	530	22.15	$174.99
Radeon HD 8970M	3876	531	27.69	$139.99*
GRID M60-8Q	3883	529	NA	NA
Radeon RX Vega M GL	3886	528	NA	NA
GeForce GTX 750 Ti	3898	527	44.24	$88.11*
GRID P6-2Q	3925	526	NA	NA
GeForce GTX 570	3929	525	26.20	$149.99*
Quadro K5000	3987	524	16.02	$249.00*
Quadro M2000	4001	523	15.14	$264.24*
GeForce GTX 660	4017	522	23.92	$167.95*
Radeon HD 7800-serie	4029	521	NA	NA
GeForce GTX 1050 with Max-Q Design	4033	520	NA	NA
RadeonT 660M Ryzen 5 7535HS	4051	519	NA	NA
Radeon PRO Ryzen 5 PRO 6650U	4066	518	NA	NA
Ryzen 7 PRO 6850HS with Radeon Graphics	4087	517	NA	NA
Radeon RX 460	4101	516	24.59	$166.81*
GeForce GTX 480	4121	515	24.24	$169.99*
GRID P40-2Q	4130	514	NA	NA
NVIDIA A40-12Q	4145	513	NA	NA
GRID V100D-8Q	4155	512	NA	NA
FirePro W8000	4163	511	7.27	$573.00*
Eng Sample: 100-000000561-40_Y	4206	510	NA	NA
NVIDIA A40-8Q	4220	509	NA	NA
Radeon Ryzen 9 PRO 6950HS	4250	508	NA	NA

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

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

Video Card

Radeon R9 270	4306	504	NA	NA
Quadro K4200	4335	503	17.41	$249.00*
GRID GTX P40-6	4340	502	NA	NA
FirePro W7000 Adapter	4359	501	NA	NA
A16-4Q	4387	500	NA	NA
Tesla K20Xm	4403	499	0.57	$7,699.00*
GeForce GTX 660 Ti	4410	498	30.63	$144.00*
GRID P6-4Q	4429	497	NA	NA
Tesla K20m	4432	496	NA	NA
GRID M60-1B	4456	495	NA	NA
GeForce GTX 1050 (Mobile)	4462	494	NA	NA
Radeon HD 7870 XT	4469	493	NA	NA
Quadro P1000	4484	492	15.46	$289.99*
Tesla K40c	4494	491	NA	NA
Radeon R7 370	4503	490	NA	NA
Radeon Ryzen 7 PRO 6860Z	4503	489	NA	NA
GeForce MX550	4505	488	NA	NA
FirePro S7000	4523	487	18.35	$246.54*
Radeon Pro 465	4537	486	NA	NA
Intel Arc 130V GPU	4541	485	NA	NA
B8DKMDAP	4557	484	NA	NA
Radeon HD 7870	4605	483	26.17	$176.00*
Intel Arc A310 LP	4609	482	NA	NA
Radeon Ryzen 7 6800U	4623	481	NA	NA
GeForce GTX 580	4625	480	9.47	$488.59*
Radeon Instinct MI25 MxGPU	4653	479	NA	NA
Ryzen 9 PRO 6950HS with Radeon Graphics	4704	478	NA	NA
Radeon Sky 500	4709	477	NA	NA
Radeon 860M	4718	476	NA	NA
Radeon 680M Ryzen 7 7735HS	4722	474	NA	NA
Radeon R9 370	4722	475	29.51	$159.99*
Radeon RX 5300M	4723	473	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
FirePro S10000	4768	469	NA	NA
Radeon Pro WX Vega M GL	4768	468	NA	NA
GRID RTX6000P-6Q	4777	467	NA	NA
GeForce GTX 760	4799	466	32.21	$149.00*
Radeon Pro Vega 16	4809	465	NA	NA
T550 Laptop GPU	4812	464	NA	NA
Radeon Ryzen 7 7735U	4829	463	NA	NA
Ryzen 7 PRO 6860Z with Radeon Graphics	4869	462	NA	NA
Radeon R9 270X	4874	461	14.93	$326.50*
FirePro S9050	4901	460	NA	NA
Radeon R9 M395	4915	459	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Barco MXRT 7600	4943	458	8.20	$602.59*
Ryzen 7 6800H with Radeon Graphics	4959	457	NA	NA
GeForce GTX 1630	4980	456	26.21	$189.99*
Ryzen 7 6800U	5006	455	NA	NA
GeForce GTX 1050	5023	454	21.02	$239.00*
L4-4Q	5028	453	NA	NA
Radeon Pro Vega 20	5039	452	NA	NA
EIZO Quadro MED-XN51LP	5048	451	NA	NA
Radeon Ryzen 7 PRO 6850HS	5057	450	NA	NA
FirePro S9000	5059	449	NA	NA
Ryzen 7 PRO 6860Z	5076	448	NA	NA
Ryzen 7 7735U with Radeon Graphics	5081	447	NA	NA
GeForce GTX 1050 3GB	5100	446	NA	NA
Intel Arc A370M	5115	445	NA	NA
Ryzen 7 PRO 6850U with Radeon Graphics	5116	444	NA	NA
Radeon Ryzen 7 7735HS	5129	443	NA	NA
Radeon Ryzen 7 PRO 6850U	5130	442	NA	NA
Radeon Ryzen Z2 Go	5137	441	NA	NA
Ryzen 7 Pro 7735U with Radeon Graphics	5142	440	NA	NA
GRID P40-4Q	5145	439	NA	NA

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

Video Card

Ryzen 7 7735HS with Radeon Graphics	5175	435	NA	NA
Intel Arc 140V GPU	5192	434	NA	NA
Radeon R9 M395X	5194	433	NA	NA
GRID M60-2Q	5203	432	NA	NA
Radeon HD 8990	5214	431	NA	NA
Intel Arc Pro A40/A50	5222	430	NA	NA
Radeon Ryzen 7 6800H	5231	429	NA	NA
FirePro W7100	5232	428	13.44	$389.30*
A16	5235	427	NA	NA
Ryzen 7 6800HS	5237	426	NA	NA
Ryzen 9 6900HX with Radeon Graphics	5246	425	NA	NA
Radeon HD 7970 / R9 280X	5247	423	21.25	$246.99*
Ryzen 7 6800H	5247	424	NA	NA
Intel Arc 140T	5262	422	NA	NA
Quadro P2000 with Max-Q Design	5290	421	NA	NA
RTX A500 Embedded GPU	5292	420	NA	NA
GeForce GTX 760 Ti	5328	419	17.91	$297.50*
GeForce GTX 670	5333	418	27.49	$193.98*
Radeon Ryzen 7 7735H	5334	417	NA	NA
GeForce GTX 1050 Ti with Max-Q Design	5337	416	NA	NA
GeForce GTX 950	5346	415	37.66	$141.99*
GRID P4-8Q	5355	414	NA	NA
Radeon RX 6300	5411	413	NA	NA
GeForce GTX 760 Ti OEM	5427	412	NA	NA
Radeon Ryzen 7 PRO 6850H	5434	411	NA	NA
Radeon Ryzen 7 6800HS Creator Edition	5435	410	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Intel Arc A310	5436	409	54.37	$99.99*
Intel Arc	5452	408	23.71	$229.99*
GeForce GTX 690	5457	407	19.42	$280.99*
Ryzen 7 6800HS Creator Edition	5465	406	NA	NA
Ryzen 9 5900HS with Radeon Graphics	5479	405	NA	NA

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

Video Card

Radeon R9 285 / 380	5549	401	11.44	$485.00
Radeon PRO W6300	5559	400	NA	NA
Radeon HD 7990	5565	399	13.91	$399.99*
Ryzen 7 PRO 6850U	5580	398	NA	NA
GeForce GTX 680	5589	397	14.01	$399.00*
Quadro M3000M	5609	396	35.07	$159.95*
Radeon TM	5614	395	NA	NA
Radeon PRO Ryzen 7 PRO 6850U	5626	394	NA	NA
RadeonT 680M Ryzen 7 7735HS	5650	393	NA	NA
Eng Sample: 100-000000560-40_Y	5655	392	NA	NA
Radeon 760M	5665	391	NA	NA
GRID T4-8Q	5680	390	NA	NA
Intel Arc Pro	5684	389	NA	NA
GeForce GTX 970M	5690	388	27.10	$209.99*
RTX A400	5711	387	NA	NA
L4-2Q	5723	386	NA	NA
Radeon RX 5500M	5743	385	NA	NA
Ryzen 9 PRO 6950H	5758	384	NA	NA
Intel Arc 130T GPU	5760	383	NA	NA
Ryzen 7 PRO 6850H with Radeon Graphics	5790	382	NA	NA
GeForce MX570	5810	381	NA	NA
Matrox LUMA A380P	5811	380	NA	NA
Tesla K80	5852	379	9.85	$593.95*
Radeon Ryzen 7 7736U	5876	378	NA	NA
GeForce GTX 1050 Ti (Mobile)	5917	377	NA	NA
Radeon Ryzen 9 PRO 6950H	5930	376	NA	NA
GeForce GTX 770	5933	375	23.83	$249.00*
Radeon Ryzen 7 6810U	5937	374	NA	NA
GRID P100-16Q	5944	373	NA	NA
Radeon Pro 5300M	5955	372	NA	NA
L4	6006	371	NA	NA
Radeon Ryzen 7 6800HS	6025	370	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 9 6900HS with Radeon Graphics	6109	366	NA	NA
Quadro K5200	6127	365	14.76	$415.00*
FirePro W9000	6138	364	7.26	$845.00*
Quadro M4000M	6140	363	24.09	$254.91*
GeForce MX570 A	6146	361	NA	NA
Radeon R9 280X	6146	362	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Ryzen 9 PRO 6950H with Radeon Graphics	6176	360	NA	NA
Radeon R9 380X	6177	359	17.65	$349.99*
Tesla M6	6226	358	31.29	$199.00*
GRID P4-4Q	6234	357	NA	NA
GeForce GTX 1650 with Max-Q Design	6235	356	NA	NA
Intel Arc A380	6238	355	51.99	$119.99
Ryzen 7 6800HS with Radeon Graphics	6240	354	NA	NA
GeForce GTX 1050 Ti	6325	353	13.83	$457.31
Radeon Pro 570	6336	352	NA	NA
Radeon RX 6300M	6421	351	NA	NA
Intel Arc A380E	6437	350	NA	NA
Quadro P3000	6445	349	NA	NA
GeForce GTX 1650 Ti with Max-Q Design	6471	348	NA	NA
T600	6480	347	27.00	$239.99*
Quadro T1000	6492	346	17.55	$369.99*
A10-8Q	6537	345	NA	NA
AMD Ryzen Z1 Extreme	6552	344	NA	NA
Radeon RX Vega M GH	6581	343	NA	NA
P106-100	6600	342	NA	NA
Quadro M4000	6678	341	18.45	$362.00*
RTX A500 Laptop GPU	6693	340	NA	NA
GeForce GTX 970XM FORCE	6706	339	NA	NA
Radeon Pro WX 7130	6715	338	NA	NA
Quadro T1000 with Max-Q Design	6742	337	NA	NA
Intel Arc 140T GPU	6780	336	NA	NA

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

Video Card

GeForce RTX 3050 4GB Laptop GPU	6911	332	NA	NA
Radeon Ryzen 9 6900HS	6958	331	NA	NA
Quadro P2000	6960	330	15.83	$439.60*
GeForce GTX 1650 (Mobile)	6968	329	NA	NA
Meta Virtual Monitor	6977	328	NA	NA
Quadro M5000M	7002	327	12.80	$546.92*
Radeon 780M	7016	326	NA	NA
Radeon RX 580X	7028	325	NA	NA
T600 Laptop GPU	7039	324	NA	NA
RadeonT 780M	7116	323	NA	NA
Radeon Pro 5300	7143	322	NA	NA
Tesla P100-PCIE-16GB	7225	321	1.27	$5,699.00*
Quadro T2000	7249	320	13.72	$528.35*
Intel Arc A530M	7329	319	NA	NA
Radeon Pro W5500X	7350	318	NA	NA
GeForce GTX 980M	7356	317	25.37	$289.99*
Ryzen 9 4900HS with Radeon Graphics	7418	316	NA	NA
GRID P40-8Q	7432	315	NA	NA
Radeon RX 6500	7528	314	NA	NA
Radeon Pro 580X	7540	313	NA	NA
GeForce GTX 1650 Ti	7541	312	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 5300	7587	311	NA	NA
Radeon RX 6500M	7615	310	NA	NA
T1000	7624	309	25.08	$303.99*
Radeon RX 6400	7645	308	44.94	$170.11
Tesla M60	7651	307	9.71	$787.90*
T1000 8GB	7654	306	NA	NA
Radeon RX 780	7657	305	NA	NA
Radeon RX 580 2048SP	7659	304	NA	NA
FirePro W9100	7704	303	4.45	$1,729.99*
Radeon Pro 580	7753	302	NA	NA

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon Pro WX 7100	7809	298	7.45	$1,047.99
GeForce GTX 1060 with Max-Q Design	7855	297	NA	NA
GeForce GTX 1650	7880	296	28.82	$273.45
Radeon Pro 5500 XT	7899	295	NA	NA
Quadro M5500	7915	294	NA	NA
Radeon RX 470/570	7976	293	20.50	$388.99*
GeForce GTX 780	7989	292	28.54	$279.99*
Ryzen 9 6900HS	8005	291	NA	NA
Quadro K6000	8052	290	38.22	$210.66*
GRID P40-12Q	8053	289	NA	NA
Radeon PRO W6400	8064	288	NA	NA
GeForce RTX 5060	8125	287	NA	NA
CMP 30HX	8135	286	NA	NA
Radeon R9 290 / 390	8150	285	21.45	$380.00*
GeForce GTX 1060 (Mobile)	8160	284	NA	NA
GRID P40-2B4	8160	283	NA	NA
Radeon Pro Duo	8183	282	2.06	$3,970.36*
GeForce GTX Titan	8196	281	11.00	$745.00*
Quadro RTX 3000 with Max-Q Design	8224	280	NA	NA
Radeon R9 290	8236	279	NA	NA
Ryzen 5 4600HS with Radeon Graphics	8370	278	NA	NA
Radeon R9 290X / 390X	8380	277	26.19	$319.99*
Radeon RX590 GME	8451	276	NA	NA
Radeon 890M	8455	275	NA	NA
GRID RTX6000-1B	8473	274	NA	NA
Radeon R9 290X	8558	273	NA	NA
Radeon RX 480	8585	272	25.25	$339.99*
GeForce GTX 1660 Ti with Max-Q Design	8637	271	NA	NA
Radeon R9 295X2	8654	270	17.34	$499.10*
Quadro P3200	8676	269	22.29	$389.30*
GRID P40-24Q	8719	268	NA	NA
Radeon RX 5500	8772	267	NA	NA

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

Video Card

GeForce GTX TITAN Z	8904	263	5.88	$1,515.00

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
GeForce GTX TITAN Black	8982	262	6.43	$1,397.60
GeForce GTX 1060 5GB	9062	261	18.57	$487.99*
Quadro P4000 with Max-Q Design	9082	260	NA	NA
Quadro P3200 with Max-Q Design	9096	259	NA	NA
Tesla P4	9097	258	NA	NA
Radeon RX 5500 XT	9104	257	50.22	$181.29*
Inspiration CG620 MxGPU	9105	256	NA	NA
Radeon Pro W5500	9134	255	22.28	$409.99*
CMP 40HX	9136	254	NA	NA
Radeon Pro 5600M	9232	253	NA	NA
Quadro P2200	9355	252	20.35	$459.80*
Radeon RX 590	9375	251	17.05	$549.99*
Radeon R9 390X	9377	250	NA	NA
Quadro M5000	9418	249	18.87	$499.00*
GeForce GTX 780 Ti	9490	248	27.92	$339.99*
A10-12Q	9493	247	NA	NA
GeForce RTX 3050 Laptop GPU	9499	246	35.19	$269.99*
Radeon R9 Fury X	9507	245	NA	NA
6FDF:FF	9528	244	NA	NA
Radeon R9 Fury	9563	243	21.58	$443.10*
Radeon RX 6500 XT	9566	242	53.15	$179.99
GeForce GTX 970	9637	241	40.49	$237.99*
RTX A1000 Laptop GPU	9641	240	NA	NA
GeForce RTX 2060 with Max-Q Design	9725	239	NA	NA
Radeon R9 Fury + Fury X	9741	238	21.65	$449.99*
Radeon RX 6550M	9751	237	NA	NA
GeForce GTX 1060 3GB	9786	236	41.56	$235.47*
Intel Arc Pro A60	9822	235	NA	NA
RTX A2000 Laptop GPU	9822	234	NA	NA
GRID P40-2B	9842	233	NA	NA

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

Video Card

GeForce RTX 3050 Ti Laptop GPU	10128	229	NA	NA
GeForce GTX 1660 Ti (Mobile)	10160	228	NA	NA
GeForce GTX 1650 SUPER	10166	227	42.36	$239.99*
GeForce RTX 3050 6GB Laptop GPU	10324	226	NA	NA
SuperDisplay Virtual Adapter	10390	225	NA	NA
Tesla M40 24GB	10417	224	NA	NA
Tesla M40	10448	223	17.41	$600.00*
GeForce GTX 1070 (Mobile)	10465	222	NA	NA
Intel Arc A730M	10487	221	NA	NA
Tesla T4	10683	220	2.39	$4,472.30
GeForce RTX 3050 6GB	10695	219	59.42	$179.99
Quadro P4200	10729	218	NA	NA
RTX A1000	10767	217	NA	NA
RTX A2000 8GB Laptop GPU	10795	216	NA	NA
Radeon RX 7600M	10893	215	NA	NA
RTX A4500 Embedded GPU	10916	214	NA	NA

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
RTX 500 Ada Generation Laptop GPU	10938	213	NA	NA
Quadro RTX 3000	10971	212	NA	NA
Radeon Pro SSG	10971	211	4.55	$2,410.15*
GeForce GTX 980	11114	210	44.94	$247.35*
Radeon Pro Vega 48	11299	209	NA	NA
GeForce RTX 2060 (Mobile)	11352	208	NA	NA
GeForce GTX 1080 with Max-Q Design	11415	207	NA	NA
RTX A1000 Embedded GPU	11460	206	NA	NA
Radeon 610M Ryzen 9 7845HX	11463	205	NA	NA
Radeon PRO W6600M	11524	204	NA	NA
GeForce RTX 2070 with Max-Q Design	11541	203	NA	NA
Quadro P4000	11568	202	20.80	$556.19*
Radeon RX 5600	11579	201	NA	NA
Quadro P4200 with Max-Q Design	11585	200	NA	NA
GeForce GTX 1660	11657	199	34.30	$339.90*

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

Video Card

Radeon Pro 5700	11844	195	NA	NA
Intel Arc A580	11912	194	66.19	$179.99*
Quadro M6000 24GB	11932	193	NA	NA
GeForce RTX 3050 OEM	11943	191	36.31	$328.97*
Intel Arc A770M	11943	192	NA	NA
Quadro P5200	11957	190	NA	NA
Quadro RTX 4000 (Mobile)	12235	189	NA	NA
Radeon Pro V520 MxGPU	12257	188	NA	NA
Tesla P40	12266	187	NA	NA
Radeon RX 6850M	12274	186	NA	NA
Radeon Pro WX 9100	12285	185	NA	NA
Intel Arc A750	12321	184	61.61	$199.99*
Tesla V100-PCIE-16GB	12328	183	NA	NA
Radeon Pro Vega 56	12353	182	NA	NA
GeForce RTX 2070 (Mobile)	12357	181	NA	NA
Radeon RX 5600 OEM	12383	180	NA	NA
Radeon RX 6600S	12444	179	NA	NA
Quadro RTX 4000 with Max-Q Design	12458	178	NA	NA
RTX 2000E Ada Generation	12460	177	NA	NA
RTX A3000 Laptop GPU	12527	176	NA	NA
Radeon Pro 5700 XT	12557	175	NA	NA
Quadro P5200 with Max-Q Design	12568	174	NA	NA
GeForce RTX 3050 8GB	12637	173	52.66	$239.99
Quadro P5000	12650	172	6.77	$1,868.99*
GeForce GTX 1660 SUPER	12712	171	56.50	$225.00
GeForce GTX TITAN X	12781	170	11.65	$1,096.99*
Radeon Pro VII	12890	169	NA	NA
GeForce GTX 1660 Ti	12909	168	41.94	$307.79
Radeon Pro Vega 64	12920	167	NA	NA
GeForce RTX 2080 with Max-Q Design	12978	166	6.18	$2,099.99*
Radeon RX 7600M XT	13007	165	NA	NA

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

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX Vega 56	13121	161	17.43	$752.99
Radeon PRO W7500	13168	160	NA	NA
Radeon Pro WX 8200	13169	159	8.23	$1,599.39*
Intel Arc A770	13182	158	29.96	$439.99
GeForce RTX 3060 Laptop GPU	13271	157	42.81	$309.99*
RTX 1000 Ada Generation Laptop GPU	13281	156	NA	NA
Radeon RX 6800M	13292	155	NA	NA
Radeon RX 7800M	13364	154	NA	NA
Radeon Pro Vega 64X	13369	153	NA	NA
Intel Arc B570	13452	152	NA	NA
GeForce GTX 1070	13503	151	31.00	$435.59*
Radeon RX 5600 XT	13512	150	24.79	$545.00*
RTX A2000	13570	149	31.25	$434.33*
Radeon RX 6700M	13608	148	50.40	$269.99*
GeForce RTX 2070 Super with Max-Q Design	13609	147	NA	NA
Tesla T10	13613	146	NA	NA
GeForce RTX 2080 Super with Max-Q Design	13624	145	NA	NA
NVIDIA TITAN X	13659	144	22.46	$608.10*
RTX A2000 12GB	13689	143	NA	NA
GeForce GTX 980 Ti	13769	142	21.36	$644.61*
RTX A3000 12GB Laptop GPU	13861	141	NA	NA
Radeon RX 6600M	13921	140	69.61	$199.99*
Radeon Pro Vega II Duo	14018	139	NA	NA
GeForce RTX 2060	14123	138	47.15	$299.51
Radeon RX Vega 64	14173	137	18.90	$749.99*
Radeon RX 5700	14358	136	46.32	$309.99*
GeForce RTX 4050 Laptop GPU	14437	135	NA	NA
RTX 2000 Ada Generation Embedded GPU	14517	134	NA	NA
RadeonT RX 6850M XT	14598	133	NA	NA
NVIDIA A40	14664	132	NA	NA
GeForce GTX 1070 Ti	14692	131	25.78	$569.99*
Radeon Pro W5700	14817	130	22.80	$649.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon RX 6700S	15022	126	50.08	$299.99
Radeon RX 6650M	15043	125	NA	NA
Radeon RX 6600	15116	124	55.99	$269.99
Quadro GP100	15149	123	NA	NA
RTX 2000 Ada Generation Laptop GPU	15207	122	NA	NA
Quadro RTX 4000	15212	121	16.92	$899.00*
Radeon RX 7600S	15250	120	NA	NA
GeForce RTX 3060 8GB	15307	119	NA	NA
Radeon RX 7700S	15331	118	NA	NA
Radeon RX 6600 LE	15387	117	NA	NA
GeForce RTX 3070 Laptop GPU	15388	116	NA	NA
Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
Radeon PRO W6600	15470	115	NA	NA
Quadro P6000	15515	114	4.77	$3,250.00*
Intel Arc B580	15523	113	NA	NA
GeForce GTX 1080	15569	112	35.16	$442.79*
Radeon Pro Vega II	15596	111	NA	NA
Radeon Pro V620 MxGPU	15632	110	NA	NA
Quadro RTX 5000	15640	109	NA	NA
Radeon 8050S	15695	108	NA	NA
Radeon RX 6800S	15730	107	NA	NA
Radeon 8060S	15799	106	NA	NA
Radeon PRO W7600	15803	105	NA	NA
RTX 3000 Ada Generation Laptop GPU	15863	104	NA	NA
GeForce RTX 2060 12GB	15931	103	NA	NA
GeForce RTX 2070	16133	102	41.43	$389.46*
RTX A5000 Laptop GPU	16203	101	NA	NA
Radeon VII	16401	100	8.63	$1,899.95*
GeForce RTX 3080 Laptop GPU	16407	99	NA	NA
Radeon RX 5700 XT	16408	98	33.60	$488.33*
GeForce RTX 2060 SUPER	16472	97	41.18	$399.99*
Radeon RX 6600 XT	16483	96	37.46	$439.99*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
TITAN V CEO Edition	16987	92	NA	NA
Radeon RX 6650M XT	17070	91	NA	NA
Radeon RX 6650 XT	17166	90	52.82	$324.99
RTX A4500 Laptop GPU	17166	89	NA	NA
Radeon RX 7600 XT	17182	88	39.96	$429.99
Radeon RX 6750 GRE 10GB	17324	87	NA	NA
Radeon RX 6850M XT	17337	86	NA	NA
RTX 2000 Ada Generation	17389	85	NA	NA
RTX A5500 Laptop GPU	17410	84	NA	NA
Radeon Pro W6900X	17413	83	NA	NA
GeForce RTX 4060 Laptop GPU	17587	82	NA	NA
NVIDIA A10G	17660	81	NA	NA
GeForce RTX 3070 Ti Laptop GPU	17784	80	NA	NA
GeForce RTX 2070 SUPER	18207	79	33.72	$539.99*
Quadro RTX 6000	18578	78	2.95	$6,300.00*
GeForce GTX 1080 Ti	18585	77	38.41	$483.82*
GeForce RTX 2080	18754	76	23.43	$800.61*
TITAN Xp COLLECTORS EDITION	18872	75	NA	NA
L40S	18881	74	NA	NA
NVIDIA TITAN Xp	18885	73	11.48	$1,645.00*
Radeon RX 6700	19217	72	NA	NA
GeForce RTX 3080 Ti Laptop GPU	19516	71	NA	NA
GeForce RTX 2080 SUPER	19532	70	28.52	$684.86*
GeForce RTX 4070 Laptop GPU	19550	69	NA	NA
RTX A4000	19582	68	26.11	$749.99*
TITAN V	19614	67	9.81	$1,999.99*
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
RTX 3500 Ada Generation Laptop GPU	19641	66	NA	NA
GeForce RTX 4060	19738	65	65.80	$299.99
Quadro RTX 8000	19748	64	5.25	$3,760.00*
Quadro GV100	19824	63	2.20	$8,999.00*
Radeon RX 6700 XT	19829	62	25.19	$787.16*

Video Card

Videocard Name	Passmark G3D Mark (higher is better)	Rank (lower is better)	Videocard Value (higher is better)	Price (USD)
TITAN RTX	20220	58	8.09	$2,499.00
GeForce RTX 3060 Ti	20406	57	40.78	$500.47*
Radeon RX 6750 XT	20765	56	54.76	$379.22*
RTX A4500	21352	55	14.54	$1,469.00*
GeForce RTX 2080 Ti	21634	54	16.64	$1,299.99
RTX A5500	21762	53	10.03	$2,169.99*
GRID RTX6000-6Q	21986	52	NA	NA
NVIDIA A10	22064	51	NA	NA
Radeon RX 6800	22138	50	55.35	$399.99*
GeForce RTX 3070	22266	49	7.61	$2,927.19
Radeon RX 7700 XT	22401	48	45.72	$489.99
RTX A5000	22577	47	10.12	$2,229.99*
RTX 4000 Ada Generation Laptop GPU	22650	46	NA	NA
GeForce RTX 4060 Ti	22713	45	51.62	$439.99*
RTX A6000	22737	44	5.53	$4,109.99*
GeForce RTX 4060 Ti 16GB	22742	43	50.54	$449.99*
Radeon PRO W7700	23154	42	NA	NA
Radeon RX 7900M	23273	41	NA	NA
GeForce RTX 3070 Ti	23441	40	16.03	$1,462.81*
RTX 4000 Ada Generation	23796	39	NA	NA
RTX 5000 Ada Generation Laptop GPU	24017	38	NA	NA
Radeon RX 7800 XT	24210	37	42.48	$569.99
Radeon RX 9070	24678	36	31.24	$789.99
GeForce RTX 4080 Laptop GPU	24991	35	NA	NA
Radeon RX 6800 XT	25000	34	36.65	$682.17*
GeForce RTX 3080	25162	33	25.66	$980.46*
RTX 3500 Ada Generation Embedded GPU	25188	32	NA	NA
GeForce RTX 3080 12GB	26594	31	NA	NA
Radeon RX 9070 XT	26638	30	44.47	$599.00*
GeForce RTX 3090	26671	29	14.39	$1,853.18
Radeon RX 6900 XT	26730	28	17.71	$1,509.67*
GeForce RTX 4070	26960	27	45.70	$589.99*

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

Video Card

RTX 5000 Ada Generation Embedded GPU	27774	23	NA	NA
Radeon RX 6950 XT	28140	22	28.14	$999.99*
GeForce RTX 5070	28165	21	39.12	$719.99
RTX 4500 Ada Generation	28216	20	NA	NA
GeForce RTX 4090 D	28686	19	NA	NA
RTX 6000 Ada Generation	28830	18	NA	NA
Videocard Name	**Passmark G3D Mark (higher is better)**	**Rank (lower is better)**	**Videocard Value (higher is better)**	**Price (USD)**
Radeon RX 7900 XT	28934	17	34.86	$829.99
GeForce RTX 5090 Laptop GPU	28948	16	NA	NA
Radeon PRO W7900	28993	15	NA	NA
Radeon PRO W7800	29010	14	NA	NA
RTX 5880 Ada Generation	29012	13	NA	NA
GeForce RTX 3090 Ti	29500	12	14.82	$1,990.00*
GeForce RTX 4070 SUPER	29991	11	49.17	$609.99*
RTX 5000 Ada Generation	30928	10	NA	NA
Radeon RX 7900 XTX	31083	9	28.86	$1,077.09
GeForce RTX 4070 Ti	31686	8	36.01	$879.99*
GeForce RTX 4070 Ti SUPER	31780	7	18.23	$1,743.45*
GeForce RTX 5070 Ti	32466	6	33.47	$969.99
GeForce RTX 4080 SUPER	34322	5	31.20	$1,099.99*
GeForce RTX 4080	34516	4	23.04	$1,498.07*
GeForce RTX 5080	35975	3	36.01	$999.00*
GeForce RTX 4090	38325	2	17.79	$2,153.94*
GeForce RTX 5090	39630	1	NA	NA

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