



# Videocard Benchmarks

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## Videocard List

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

## Videocards Last Updated: 28th of January 2019

[Reset Filters](#)   [Enable Pagination](#)

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
<input type="text"/>					<input type="text"/>		
Quadro RTX 6000	\$6,300.00*	21366	3.39	1188	295	72	Nov 2018
TITAN RTX	\$2,499.99	18712	7.49	996	280	66	Dec 2018
GeForce RTX 2080 Ti	\$1,279.99	17057	13.33	958	250	68	Sep 2018
TITAN V CEO Edition	NA	16987	NA	1085	250	67	Oct 2018
GeForce RTX 2080	\$699.99	15697	22.43	940	250	62	Sep 2018
TITAN Xp COLLECTORS EDITION	NA	14759	NA	933	250	59	Dec 2017
TITAN V	\$3,587.99	14694	4.10	899	250	58	Dec 2017
GeForce RTX 2070	\$499.99	14363	28.73	914	175	82	Oct 2018
NVIDIA TITAN Xp	\$1,790.42	14203	7.93	892	250	56	Apr 2017
GeForce GTX 1080 Ti	\$759.99	14194	18.68	941	250	56	Mar 2017
NVIDIA TITAN X	\$1,200.00*	13574	11.31	910	250	54	Aug 2016
Quadro P6000	\$4,246.11	13262	3.12	834	250	53	Oct 2016
GeForce RTX 2060	\$349.99	12889	36.83	833	NA	NA	Jan 2019
Quadro GP100	NA	12843	NA	857	235	54	Apr 2017
Quadro GV100	NA	12699	NA	824	NA	NA	Mar 2018
GeForce GTX 1080	\$519.99	12385	23.82	926	180	68	May 2016
GeForce GTX 1070 Ti	\$419.99	12306	29.30	895	180	68	Nov 2017
Radeon RX Vega	\$339.99	12297	36.17	882	NA	NA	Sep 2017
Radeon RX Vega 64	\$399.99	11858	29.65	808	295	40	Sep 2017
Radeon Pro Vega 56	NA	11834	NA	711	NA	NA	Mar 2018
Radeon RX Vega 56	NA	11730	NA	818	NA	NA	Sep 2017
GeForce GTX 980 Ti	\$531.82*	11370	21.38	901	250	45	Jun 2015
GeForce GTX 1070	\$319.99	11290	35.28	892	150	75	Jun 2016
Radeon Vega Frontier Edition	\$599.99*	11055	18.43	767	350	31	Jun 2017
Radeon Pro SSG	NA	11013	NA	587	NA	NA	Sep 2018
Radeon PRO WX 8200	\$999.00	10807	10.82	799	NA	NA	Aug 2018
GeForce GTX TITAN X	\$1,999.99*	10678	5.34	829	250	42	Mar 2015
Quadro P5200 with Max-Q Design	NA	10489	NA	698	NA	NA	Oct 2018
Quadro P4000	\$749.99	10434	13.91	827	105	99	Mar 2017
Radeon Pro Vega 64	NA	10426	NA	655	NA	NA	Jan 2018

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon Pro WX 9100	NA	10372	NA	770	NA	NA	Oct 2017
Quadro P5000	\$1,690.00	10337	6.12	751	180	57	Nov 2016
Quadro P4200	NA	10290	NA	809	NA	NA	Jul 2018
GeForce GTX 1080 with Max-Q Design	NA	10237	NA	745	110	93	Jul 2017
Quadro P4200 with Max-Q Design	NA	10173	NA	620	NA	NA	Oct 2018
Quadro M6000 24GB	NA	9903	NA	771	250	39	Jul 2016
GeForce GTX 980	\$610.38	9622	15.76	866	165	58	Sep 2014
Radeon Pro Duo	\$449.00*	9443	21.03	826	350	26	Sep 2016
Quadro M5500	NA	9322	NA	751	150	62	Mar 2016
Quadro M6000	\$2,850.00	9286	3.26	638	250	37	Jan 2015
GeForce GTX 1070 with Max-Q Design	NA	9241	NA	711	90	102	Jul 2017
Radeon R9 Fury	\$399.99*	9168	22.92	816	NA	NA	Jul 2015
Quadro P5200	NA	9166	NA	790	NA	NA	Jan 2018
Radeon RX 590	\$259.99	9158	35.23	772	175	52	Nov 2018
Quadro P4000 with Max-Q Design	NA	9082	NA	699	80	113	Oct 2017
GeForce GTX 1060	\$234.99	9060	38.56	817	120	75	Jul 2016
GeForce GTX 1060 3GB	\$184.99	8948	48.37	802	120	74	Aug 2016
GeForce GTX 780 Ti	\$749.99*	8894	11.86	845	250	35	Nov 2013
GeForce GTX TITAN Black	\$999.99*	8617	8.62	807	250	34	Mar 2014
GeForce GTX 970	\$407.76*	8613	21.12	845	145	59	Sep 2014
Radeon R9 390X	NA	8544	NA	792	275	31	Apr 2016
Quadro M5000	\$1,498.00*	8480	5.66	756	150	56	Nov 2015
Radeon R9 Fury + Fury X	\$399.99*	8441	21.10	764	275	30	Jul 2015
Radeon RX 580	\$179.99	8425	46.81	757	185	45	Apr 2017
Quadro P3200 with Max-Q Design	NA	8313	NA	741	NA	NA	Aug 2018
Radeon RX 480	\$295.00	8117	27.52	786	150	54	Jun 2016
Quadro P3200	NA	8082	NA	726	NA	NA	May 2018
Radeon R9 390	NA	8081	NA	765	275	29	Mar 2016
GeForce GTX 780	\$740.99*	7961	10.74	844	250	31	May 2013
GeForce GTX Titan	\$2,054.59*	7932	3.86	807	250	31	Feb 2013
Radeon Pro WX 7100	\$499.99	7918	15.84	805	130	60	Nov 2016
Radeon Pro 580	NA	7753	NA	942	NA	NA	May 2018
Radeon R9 295X2	\$1,099.99*	7742	7.04	766	500	15	May 2014
GeForce GTX 1060 with Max-Q Design	NA	7734	NA	697	80	96	Jun 2017
GeForce GTX TITAN Z	\$1,580.00*	7693	4.87	708	375	20	Jun 2014
Quadro K6000	\$959.00	7598	7.92	680	225	33	Oct 2013
Radeon RX 470	\$99.99*	7560	75.61	731	120	63	Aug 2016
Quadro P2000	\$429.99	7435	17.29	838	75	99	Mar 2017
Radeon R9 290X / 390X	\$570.00	7426	13.03	764	290	25	Oct 2013
Tesla M60	NA	7233	NA	621	NA	NA	Jun 2017
FirePro W9100	\$2,749.99*	7189	2.61	738	275	26	Nov 2014
Radeon R9 290 / 390	\$745.91*	7135	9.57	750	275	25	Nov 2013
Radeon RX Vega M GH	NA	6970	NA	829	NA	NA	Mar 2018
Radeon RX 570	\$144.99	6730	46.42	648	150	44	Apr 2017
Quadro M4000	\$468.32	6667	14.24	827	120	55	Oct 2015

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<input type="text"/>					<input type="text"/>		
Radeon R9 380X	\$445.00	6199	13.93	684	190	32	Jul 2015
Radeon Pro Vega 20	NA	6166	NA	844	NA	NA	Nov 2018
GeForce GTX 1060 5GB	NA	6150	NA	681	NA	NA	Apr 2018
Radeon R9 380	\$264.99*	6133	23.15	682	190	32	Mar 2016
Quadro K5200	\$392.00	6094	15.55	714	150	40	Sep 2014
GeForce GTX 770	\$449.99*	6071	13.49	808	230	26	Jun 2013
FirePro W8100	\$1,049.00	6066	5.78	750	220	27	Aug 2014
GeForce GTX 1050 Ti	\$149.99	5980	39.87	736	75	79	Oct 2016
GeForce GTX 980M	NA	5922	NA	729	100	59	Oct 2014
GRID M60-2Q	NA	5904	NA	537	NA	NA	Apr 2017
Radeon R9 280X	NA	5837	NA	709	250	23	Apr 2016
GeForce GTX 960	\$229.99*	5809	25.26	756	120	48	Jan 2015
Radeon R9 M395X	NA	5757	NA	811	125	46	Oct 2015
GeForce GTX 1050 Ti with Max-Q Design	NA	5710	NA	634	NA	NA	Apr 2018
GeForce GTX 680	\$579.99*	5671	9.78	784	195	29	Aug 2012
Quadro P3000	NA	5666	NA	715	75	75	Feb 2017
FirePro W7100 Adapter	NA	5661	NA	691	NA	NA	Feb 2017
Radeon Pro WX 5100	\$324.99	5569	17.14	759	75	74	Dec 2016
Radeon R9 285 / 380	\$310.00	5554	17.92	654	190	29	Jan 2015
Radeon HD 7990	\$1,126.99*	5544	4.92	771	375	14	May 2013
Quadro M5000M	NA	5531	NA	696	100	55	Jan 2016
FirePro W9000	\$3,443.99*	5403	1.57	714	274	19	Nov 2012
FirePro W7100	\$289.99	5396	18.61	724	150	35	Feb 2015
GeForce GTX 690	\$999.00*	5382	5.39	752	300	17	May 2012
Radeon R9 280	NA	5378	NA	682	250	21	Apr 2016
GeForce GTX 670	\$474.99*	5367	11.30	775	170	31	Aug 2012
Radeon RX Vega M GL	NA	5267	NA	743	NA	NA	Feb 2018
Radeon HD 7970 / R9 280X	\$345.00	5247	15.21	729	250	20	Aug 2012
GeForce GTX 950	\$194.44*	5224	26.87	717	90	58	Aug 2015
Radeon R9 M295X	NA	5150	NA	832	125	41	Oct 2014
GeForce GTX 760 Ti	\$297.50*	5117	17.20	804	170	30	Jan 2014
FirePro S9000	NA	5022	NA	575	NA	NA	May 2015
GeForce GTX 580	\$289.88*	5022	17.32	710	244	20	Aug 2012
Radeon R9 M395	NA	5006	NA	777	125	40	Oct 2015
Radeon HD 8990	NA	4999	NA	673	375	13	Nov 2013
GeForce GTX 760	\$249.99*	4938	19.76	760	170	29	Jun 2013
Quadro P2000 with Max-Q Design	NA	4828	NA	644	NA	NA	Sep 2018
Radeon HD 7950 / R9 280	\$393.98	4764	12.09	691	200	23	Jun 2012
FirePro W8000 Adapter	NA	4751	NA	488	NA	NA	Jan 2016
Radeon R9 370	NA	4722	NA	780	150	31	Apr 2016
Radeon R9 270X	\$299.00	4688	15.68	657	180	26	Oct 2013
GRID M60-1Q	NA	4680	NA	614	NA	NA	May 2017
GeForce GTX 660 Ti	\$321.99*	4663	14.48	736	150	31	Aug 2012
GeForce GTX 1050	\$124.99	4650	37.21	684	75	62	Oct 2016
Radeon R7 370	NA	4644	NA	664	150	30	Apr 2016

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<input type="text"/>					<input type="text"/>		
FirePro W7170M	NA	4643	NA	762	NA	NA	Feb 2016
Quadro M4000M	NA	4603	NA	706	100	46	Aug 2015
FirePro W8000	\$1,048.99*	4522	4.31	709	189	23	Feb 2013
Quadro M3000M	NA	4494	NA	725	75	59	Dec 2015
Radeon HD 7870 XT	NA	4466	NA	662	185	24	May 2013
Quadro K4200	\$311.05	4463	14.35	748	105	42	Sep 2014
GRID P6-4Q	NA	4429	NA	585	NA	NA	Mar 2018
Quadro P1000	\$319.99	4422	13.82	789	47	94	Apr 2017
GeForce GTX 570	\$99.99*	4416	44.17	692	219	20	Aug 2012
Radeon RX 560	\$99.99	4405	44.06	654	80	55	Mar 2017
GRID K520	NA	4384	NA	532	NA	NA	Nov 2013
Radeon HD 7870	\$299.00	4375	14.64	661	175	25	Jun 2012
GeForce GTX 480	\$71.99*	4360	60.57	665	250	17	Aug 2012
Radeon R9 M390X	NA	4356	NA	703	100	43	Jan 2016
Radeon RX 460	\$179.50	4330	24.13	666	75	57	Aug 2016
Barco MXRT 7500	NA	4319	NA	762	NA	NA	Nov 2015
FirePro W7000	\$569.99*	4309	7.56	701	150	28	Oct 2012
Quadro M2000	\$427.99	4297	10.04	841	75	57	May 2016
GeForce GTX 680MX	NA	4274	NA	735	122	35	Jan 2013
Radeon R9 270 / R7 370	\$152.52	4261	27.94	646	150	28	Dec 2013
GeForce GTX 590	\$184.00*	4212	22.90	730	365	11	Mar 2011
GeForce GTX 775M	NA	4180	NA	804	NA	NA	Nov 2013
FirePro S7000	NA	4166	NA	614	150	27	Feb 2014
GeForce GTX 970M	\$1,899.00*	4147	2.18	688	75	55	Oct 2014
GeForce GTX 660	\$349.99*	4127	11.79	702	140	29	Sep 2012
FirePro W7000 Adapter	NA	4084	NA	596	NA	NA	Sep 2013
Quadro K5000	\$289.99	4016	13.85	623	122	32	Nov 2012
GeForce GTX 780M	NA	4014	NA	770	122	32	Jun 2013
Radeon R9 M290X	NA	4004	NA	711	100	40	Jul 2014
Radeon Pro WX 4100	\$229.99	3953	17.19	809	NA	NA	Mar 2017
Radeon Pro WX4100	NA	3953	NA	948	NA	NA	Dec 2016
GRID M60-8Q	NA	3883	NA	617	NA	NA	Mar 2017
Radeon HD 8970M	NA	3876	NA	806	100	38	Apr 2014
Radeon HD 7850	\$449.59	3842	8.55	626	130	29	May 2012
GeForce GTX 1050 with Max-Q Design	NA	3833	NA	650	NA	NA	Aug 2018
Radeon HD 7970M	NA	3808	NA	665	75	50	Jun 2012
GRID K2	\$1,177.00	3772	3.21	396	NA	NA	Aug 2013
GeForce GTX 750 Ti	\$299.01*	3744	12.52	663	60	62	Feb 2014
GeForce GTX 880M	NA	3687	NA	774	130	28	Mar 2014
GeForce GTX 470	\$522.01*	3601	6.90	618	215	16	Aug 2012
Quadro K2200	\$339.99	3574	10.51	782	68	52	Sep 2014
Radeon R9 M470X	NA	3563	NA	695	75	47	Sep 2016
Device	NA	3545	NA	545	NA	NA	Dec 2015
GeForce GTX 650 Ti BOOST	NA	3535	NA	671	134	26	Apr 2013
Radeon Pro 560	NA	3534	NA	713	NA	NA	Sep 2017

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GeForce GTX 560 Ti	\$138.00*	3529	25.58	657	170	20	Aug 2012
Quadro 6000	\$369.99	3521	9.52	607	204	17	Oct 2010
Radeon HD 6970	\$94.99*	3519	37.05	654	250	14	Aug 2012
Quadro M2200	NA	3509	NA	708	55	63	Apr 2017
Tesla C2050	NA	3487	NA	489	NA	NA	Sep 2010
Quadro P620	\$174.99	3481	19.89	847	40	87	Jun 2018
Radeon Pro 460	NA	3452	NA	678	NA	NA	May 2017
Radeon RX 550	\$74.99	3441	45.89	617	50	68	Jun 2017
Tesla C2050 / C2070	NA	3428	NA	567	238	14	May 2013
Radeon Pro WX 3100	NA	3403	NA	761	NA	NA	Jul 2017
Tesla C2075	\$2,269.99*	3364	1.48	537	NA	NA	Jan 2012
GeForce GTX 680M	\$499.99*	3349	6.70	695	100	33	Jul 2012
GeForce GTX 750	\$150.99*	3310	21.92	650	55	60	Feb 2014
Radeon R7 360	\$146.65*	3308	22.56	598	100	33	Jun 2015
GRID M60-4Q	NA	3291	NA	819	NA	NA	Apr 2016
Radeon HD8970M	NA	3237	NA	660	NA	NA	Dec 2014
Radeon HD 6950	\$89.99*	3213	35.71	641	200	16	Aug 2012
Radeon Pro WX 4150	NA	3208	NA	711	50	64	Jul 2017
GeForce GTX 965M	NA	3191	NA	660	60	53	Jan 2015
Tesla C2070	NA	3178	NA	561	247	12	Feb 2011
Radeon R7 260X	\$220.00	3168	14.40	585	115	27	Oct 2013
FirePro V7000 Adapter	NA	3161	NA	667	NA	NA	Oct 2013
Radeon Pro 555	NA	3140	NA	658	NA	NA	Jun 2017
Quadro K5100M	\$309.99*	3134	10.11	817	100	31	Jan 2014
GeForce GTX 560	\$353.59*	3118	8.82	627	150	20	Aug 2012
Radeon Pro 455	NA	3112	NA	704	NA	NA	Dec 2018
Radeon R9 M380	NA	3101	NA	705	NA	NA	Oct 2015
FirePro W5000	\$434.00*	3082	7.10	733	75	41	Oct 2012
Quadro P600	\$169.99	3080	18.12	813	40	77	Apr 2017
Radeon HD 7790	\$134.99*	3078	22.81	577	85	36	Apr 2013
Radeon HD 8950	NA	3047	NA	629	225	13	Aug 2014
Radeon R9 360	\$519.00*	3038	5.86	468	85	35	Oct 2015
Quadro K1200	\$299.99	3026	10.09	771	45	67	Apr 2015
Radeon R9 260	NA	3018	NA	643	NA	NA	May 2016
FirePro W5100	\$279.13*	3007	10.77	733	75	40	Nov 2014
Quadro M1200	NA	3003	NA	618	45	66	Jan 2017
FirePro M6100	NA	2976	NA	696	NA	NA	Sep 2013
GeForce GTX 465	\$263.28*	2947	11.19	584	200	14	Aug 2012
GRID K260Q	NA	2940	NA	644	NA	NA	Feb 2015
FirePro W4300	\$239.99*	2894	12.06	804	50	57	Feb 2016
Radeon R7 260	\$89.99*	2891	32.13	558	95	30	Jul 2014
Quadro K4000	\$190.61	2879	15.11	652	80	35	Nov 2012
Radeon Pro WX 4130	NA	2865	NA	679	NA	NA	Aug 2017
Radeon HD 6990	\$159.99*	2858	17.87	575	375	7	Mar 2011
Quadro 5000	\$140.95	2841	20.16	566	152	18	Sep 2010

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Quadro M2000M	NA	2837	NA	637	55	51	Nov 2015
FirePro 3D V9800	\$2,499.00*	2811	1.13	555	225	12	May 2011
Quadro M620	NA	2797	NA	744	30	93	Jan 2017
FirePro V9800 Adapter	NA	2741	NA	673	NA	NA	Jan 2016
Radeon Pro 450	NA	2722	NA	619	NA	NA	Feb 2017
FirePro V7900	\$119.99*	2717	22.65	652	150	18	Sep 2011
GeForce GTX 650 Ti	\$169.99*	2659	15.64	640	110	24	Oct 2012
GeForce GTX 460	\$89.99*	2654	29.50	586	150	17	Aug 2012
GeForce GTX 770M	\$177.99*	2652	14.90	721	75	35	Jun 2013
Quadro K2200M	NA	2620	NA	744	NA	NA	Apr 2015
Radeon HD 5870	\$99.99*	2620	26.21	595	228	11	Aug 2012
Radeon HD 6870	\$89.99*	2611	29.02	601	151	17	Aug 2012
Radeon HD 5970	\$329.99*	2594	7.86	630	294	8	Aug 2012
Quadro K5000M	\$391.00*	2588	6.62	650	100	25	Aug 2012
Quadro K4100M	\$379.99*	2558	6.73	783	100	25	Dec 2013
GeForce GTX 460 v2	\$199.99*	2491	12.46	611	160	15	Oct 2011
FirePro 3D V8800	\$424.99*	2473	5.82	633	208	11	Aug 2010
Radeon R9 M470	NA	2435	NA	593	75	32	Nov 2016
GeForce GTX 870M	NA	2412	NA	724	110	21	Mar 2014
Radeon RX 540	NA	2407	NA	487	NA	NA	Dec 2017
GeForce GTX 675MX	NA	2405	NA	647	100	24	Jan 2013
GeForce GTX 485M	NA	2400	NA	579	100	24	Jan 2011
GeForce GTX 960A	NA	2358	NA	631	NA	NA	Dec 2015
Quadro M1000M	\$208.46*	2329	11.17	605	40	58	Nov 2015
Quadro K620	\$190.00	2326	12.24	768	45	51	Sep 2014
GRID K280Q	NA	2322	NA	565	NA	NA	Feb 2015
GeForce GTX 960M	NA	2294	NA	572	65	35	Apr 2015
GeForce GTX 580M	NA	2292	NA	563	100	22	Jul 2011
Radeon HD 6850	\$99.99*	2287	22.88	578	127	18	Aug 2012
Radeon HD 5850	\$79.99*	2279	28.50	573	151	15	Aug 2012
Radeon RX Vega 11	NA	2269	NA	701	NA	NA	Feb 2018
Radeon R7 250X	\$260.70	2268	8.70	637	95	23	Aug 2015
GeForce GTX 460 SE	\$159.99*	2256	14.11	589	150	15	Aug 2012
Radeon R9 350	\$55.98	2241	40.03	832	60	37	Oct 2016
GeForce GT 645	NA	2234	NA	752	NA	NA	Nov 2012
Quadro K4000M	NA	2234	NA	645	100	22	Oct 2012
Radeon HD 6970M	NA	2225	NA	683	75	29	Mar 2011
Radeon HD 7770	\$47.48	2219	46.74	580	80	27	Jun 2012
Firepro W5170M	NA	2211	NA	697	NA	NA	Dec 2015
GeForce GT 1030	\$69.99	2209	31.57	569	30	73	May 2017
Radeon Pro WX 2100	NA	2207	NA	729	NA	NA	Aug 2017
GeForce GTX 560 SE	\$89.99*	2192	24.37	578	150	14	Aug 2012
Radeon R7 450	\$79.99	2190	27.38	726	65	33	Oct 2016
RadeonT R7 450	NA	2185	NA	933	NA	NA	Feb 2017
GeForce GTX 745	NA	2182	NA	777	55	39	Mar 2014

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GeForce GTX 555	NA	2161	NA	647	150	14	Feb 2012
GeForce MX150	NA	2159	NA	641	25	86	Jul 2017
Radeon TM R9 A360	NA	2148	NA	800	NA	NA	Apr 2016
GeForce GTX 675M	NA	2144	NA	642	100	21	May 2012
GRID K240Q	NA	2143	NA	641	NA	NA	Sep 2014
FirePro M5100	NA	2102	NA	800	NA	NA	Feb 2014
Intel Iris Pro P580	NA	2089	NA	695	NA	NA	Sep 2016
GeForce GTX 670MX	NA	2075	NA	612	75	27	Dec 2012
Radeon R9 M375X	NA	2067	NA	635	NA	NA	Jun 2016
Radeon R7 M465X	NA	2057	NA	840	NA	NA	May 2018
Radeon HD 5830	\$159.99*	2051	12.83	531	175	11	Aug 2012
Radeon HD 6790	\$64.99*	2046	31.49	551	150	13	Apr 2011
Quadro 4000	\$141.80	2042	14.41	589	142	14	Aug 2010
Quadro K3100M	\$1,999.00*	2041	1.02	766	75	27	Nov 2013
GeForce GTX 480M	NA	2039	NA	543	100	20	Jul 2010
Quadro 5000M	NA	2039	NA	419	100	20	Dec 2010
GeForce GTX 570M	NA	2024	NA	540	75	26	Sep 2011
Radeon R9 M360	NA	2023	NA	694	NA	NA	Apr 2016
MxGPU	NA	2021	NA	502	NA	NA	Jan 2017
Embedded Radeon E9173	NA	1996	NA	526	NA	NA	Jan 2018
Radeon R7 + R7 350 Dual	NA	1982	NA	551	NA	NA	Dec 2016
GeForce MX230	NA	1972	NA	610	NA	NA	Jan 2019
Radeon R7 + HD 7700 Dual	NA	1962	NA	498	NA	NA	Dec 2014
Radeon HD 7660D + HD 7700 Dual	NA	1958	NA	494	NA	NA	Oct 2015
Radeon HD 6900M	NA	1954	NA	565	NA	NA	Jun 2012
Matrox C680 PCIe x16	NA	1951	NA	908	NA	NA	Nov 2014
GeForce GTX 470M	NA	1949	NA	523	50	38	Dec 2010
GeForce GTX 670M	NA	1938	NA	620	75	25	May 2012
Intel Iris Plus 655	NA	1937	NA	748	NA	NA	Aug 2018
GeForce GTX 645	NA	1929	NA	802	64	30	May 2013
Radeon R9 M370X	NA	1926	NA	666	50	38	Aug 2015
GeForce GTX 550 Ti	\$287.59*	1924	6.69	574	116	16	Aug 2012
GeForce MX130	NA	1915	NA	587	NA	NA	Jan 2018
GeForce GTX 860M	NA	1910	NA	637	45	42	Apr 2014
Quadro M600M	\$102.99*	1887	18.33	622	30	62	Dec 2015
GeForce GTX 765M	NA	1884	NA	695	65	28	Jun 2013
GeForce GTX 950M	NA	1869	NA	600	75	24	Mar 2015
Intel Iris Pro 580	NA	1867	NA	695	NA	NA	Apr 2016
Radeon HD 8570D + HD 7700 Dual	NA	1834	NA	466	NA	NA	Dec 2014
GeForce GTX 650	\$144.81*	1833	12.66	611	64	28	Sep 2012
Quadro 5010M	\$235.95*	1824	7.73	569	100	18	Nov 2011
Quadro 4000M	\$111.99*	1823	16.28	525	100	18	Mar 2011
Matrox C900 PCIe x16	NA	1812	NA	760	NA	NA	Sep 2016
FirePro 3D V7800	\$599.99*	1809	3.02	588	138	13	Aug 2010
Radeon R7 FX-9830P RADEON	NA	1804	NA	415	NA	NA	Dec 2016

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon R9 255	\$347.07*	1800	5.19	632	NA	NA	Jun 2014
Radeon HD 8870M / R9 M270X / M370X	NA	1799	NA	678	NA	NA	Aug 2014
Radeon HD 8670D + 7700 Dual	NA	1788	NA	572	NA	NA	Jul 2013
Radeon Vega 8	NA	1773	NA	626	NA	NA	Feb 2018
Quadro K3000M	\$155.00*	1766	11.40	646	75	23	Oct 2012
Radeon RX Vega 8	NA	1759	NA	513	NA	NA	Nov 2018
FirePro W600	\$319.99	1734	5.42	708	75	23	Jan 2013
FirePro M6000 Mobility Pro	NA	1727	NA	639	NA	NA	Mar 2013
Quadro K2000	\$179.89	1720	9.56	689	51	33	Mar 2013
Quadro P400	\$118.97	1711	14.39	795	30	57	Aug 2017
Radeon HD 5770	\$115.99*	1708	14.73	532	108	15	Aug 2012
Radeon HD 7750	\$149.99	1704	11.37	554	55	30	Jun 2012
FirePro W4100 Adapter	NA	1698	NA	717	NA	NA	Jan 2015
FirePro M4000 Mobility Pro	NA	1694	NA	588	NA	NA	Nov 2015
Radeon HD 6770	\$76.99*	1681	21.84	534	108	15	Apr 2011
Quadro K2000D	\$475.00	1679	3.54	753	51	32	Apr 2013
Radeon Vega 6	NA	1662	NA	479	NA	NA	May 2018
GeForce GTX 950A	NA	1654	NA	596	NA	NA	Oct 2015
DameWare Development Mirror Driver 64-bit	NA	1653	NA	456	NA	NA	Feb 2018
Radeon Vega 10 Mobile	NA	1644	NA	499	NA	NA	Dec 2017
Radeon HD 8870M	NA	1638	NA	629	NA	NA	Mar 2014
Radeon Vega 8 Mobile	NA	1637	NA	459	NA	NA	Nov 2017
15DD	NA	1633	NA	649	NA	NA	Jun 2018
FirePro W5130M	NA	1628	NA	646	NA	NA	Mar 2016
Radeon 540	NA	1618	NA	691	NA	NA	Aug 2017
Ryzen 7 2700U with Radeon Vega	NA	1617	NA	442	NA	NA	Apr 2018
FirePro M4000	NA	1609	NA	607	NA	NA	Aug 2012
Intel Iris 550	NA	1607	NA	592	NA	NA	Feb 2016
GeForce GTX 850M	NA	1600	NA	651	40	40	May 2014
Quadro P500	NA	1599	NA	596	NA	NA	Mar 2018
GeForce GT 755M	NA	1595	NA	679	50	31	Sep 2013
FirePro W4100	\$159.99*	1590	9.94	764	50	31	Nov 2014
GeForce MX110	NA	1586	NA	548	NA	NA	Dec 2017
Radeon E8860	NA	1577	NA	678	NA	NA	Mar 2015
GeForce GT 740	\$94.99*	1571	16.55	606	64	24	Jun 2014
Quadro M520	NA	1570	NA	568	25	62	May 2017
Intel Iris Plus 650	NA	1560	NA	771	NA	NA	Mar 2017
GeForce GTS 450	\$64.99*	1557	23.96	534	106	14	Aug 2012
GeForce GTX 560M	NA	1545	NA	528	75	20	Jun 2011
Radeon HD 8470D + HD 7500 Dual	NA	1545	NA	465	NA	NA	Sep 2018
Radeon HD 4890	\$109.99*	1540	14.00	538	190	8	Aug 2012
Intel Iris Pro Graphics 6200	NA	1532	NA	853	NA	NA	Jul 2015
FirePro V5900	\$319.99*	1526	4.77	632	75	20	Jul 2011
Radeon HD 7870M	NA	1507	NA	556	45	33	Dec 2012
Ryzen 5 2500U with Radeon Vega	NA	1503	NA	387	NA	NA	Apr 2018



Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon R9 M275X / M375	NA	1500	NA	626	50	30	Dec 2014
Radeon HD 7660D + HD 6670 Dual	NA	1484	NA	515	NA	NA	Dec 2014
FirePro 3D V5800	\$369.99*	1465	3.96	560	74	19	Oct 2010
Radeon R5 A10-9630P RADEON R5, 10 COMPUTE CORES 4C	NA	1463	NA	365	NA	NA	Jul 2017
Quadro 3000M	\$199.95*	1460	7.31	536	75	19	Jun 2011
Radeon HD 5750	\$69.41*	1446	20.84	514	86	16	Aug 2012
GeForce GTX 660M	NA	1439	NA	594	50	28	May 2012
GeForce 945M	NA	1434	NA	556	NA	NA	Dec 2015
GeForce GTX 760M	NA	1431	NA	664	55	26	Aug 2013
Radeon HD 7730	\$49.99*	1428	28.58	554	47	30	Mar 2015
Radeon HD 7560D + 7670 Dual	NA	1426	NA	444	NA	NA	Jul 2012
Intel Iris Plus 640	NA	1417	NA	628	NA	NA	Mar 2017
Radeon R9 M270X	NA	1417	NA	479	NA	NA	Feb 2015
Radeon R7 430	\$193.00	1411	7.31	731	NA	NA	May 2017
Radeon R7 M370	NA	1410	NA	668	NA	NA	Jan 2016
Radeon R7 250	\$78.34	1406	17.95	569	75	18	Nov 2013
GeForce GTX 460M	NA	1392	NA	466	50	27	Aug 2012
Radeon HD 4870	\$59.99*	1380	23.02	503	150	9	Aug 2012
Radeon R7 PRO A12-8870	NA	1375	NA	540	NA	NA	Jan 2017
Radeon HD 7850M	NA	1372	NA	565	40	34	Jun 2012
FirePro W4170M	NA	1371	NA	692	NA	NA	Apr 2015
Radeon 535	NA	1370	NA	460	NA	NA	Jan 2019
Radeon R7 PRO A10-9700	NA	1367	NA	508	NA	NA	Feb 2017
FirePro M40003	NA	1364	NA	652	NA	NA	Oct 2012
Radeon HD 8670D + 6670 Dual	NA	1361	NA	567	NA	NA	Jun 2013
Intel Iris 540	NA	1346	NA	543	NA	NA	Nov 2015
Radeon HD 7560D + HD 7700 Dual	NA	1346	NA	496	NA	NA	Mar 2015
Radeon R7 PRO A12-9800	NA	1346	NA	578	NA	NA	Jan 2017
GeForce 940MX	NA	1342	NA	565	NA	NA	Mar 2016
FireStream 9270	NA	1341	NA	473	160	8	Sep 2014
Quadro K2100M	\$159.95*	1330	8.32	736	55	24	Oct 2013
Radeon R7 PRO A10-8770	NA	1319	NA	522	NA	NA	Jan 2017
Radeon HD 6750	\$49.99*	1318	26.38	518	86	15	Apr 2011
Quadro 2000	\$77.25	1315	17.03	588	62	21	Oct 2010
FirePro M5950	NA	1314	NA	573	NA	NA	Jun 2011
Radeon HD 8790M	NA	1314	NA	766	NA	NA	Dec 2014
Radeon HD 4870 X2	NA	1310	NA	566	286	4	Aug 2012
Radeon R7 M465	NA	1306	NA	779	NA	NA	May 2017
FirePro V4900	\$144.99*	1303	8.99	699	75	17	May 2012
GeForce GT 750M	NA	1294	NA	633	50	25	Apr 2013
GeForce GT 545	\$55.59*	1293	23.27	624	NA	NA	Aug 2012
Radeon R7 + R7 200 Dual	NA	1289	NA	475	NA	NA	Nov 2014
Quadro 2000D	\$83.99	1282	15.27	610	NA	NA	Oct 2011
GeForce GTX 760A	NA	1281	NA	781	NA	NA	Apr 2015
Radeon R7 A370	NA	1281	NA	742	NA	NA	Jun 2016

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
FirePro W4190M	NA	1280	NA	617	NA	NA	Apr 2016
GeForce GT 640	\$59.99*	1280	21.35	608	65	19	Dec 2011
GeForce GTX 285	\$179.99*	1272	7.07	553	204	6	Apr 2009
FirePro 3D V8750	\$1,230.99*	1271	1.03	542	154	8	Aug 2009
Radeon R9 M265X	NA	1271	NA	672	NA	NA	Nov 2014
Radeon HD 8570D + HD 6670 Dual	NA	1260	NA	536	NA	NA	Oct 2014
Intel HD P630	NA	1257	NA	727	NA	NA	Mar 2017
Radeon R7 A12-9800 RADEON	NA	1249	NA	485	NA	NA	Feb 2017
GeForce GTX 275	\$119.99*	1242	10.36	557	219	5	Aug 2012
Mobility Radeon HD 5870	NA	1241	NA	409	50	24	Jul 2012
Radeon HD 8570D + 6570 Dual	NA	1239	NA	459	NA	NA	Oct 2014
Radeon R9 M375	NA	1239	NA	578	NA	NA	Aug 2015
Radeon HD 7660D + 6670 Dual	NA	1238	NA	524	NA	NA	Nov 2012
Radeon R7 A10-9700 RADEON	NA	1238	NA	477	NA	NA	Mar 2017
Radeon HD 8790M / R9 M290X	NA	1236	NA	717	NA	NA	Aug 2015
Radeon 530	NA	1235	NA	638	NA	NA	Dec 2017
Radeon R7 M350	NA	1235	NA	578	NA	NA	Aug 2016
GeForce GT 650M	NA	1230	NA	587	45	27	Aug 2012
Radeon HD 8670D + HD 6670 Dual	NA	1221	NA	540	NA	NA	May 2014
GeForce 930A	NA	1208	NA	628	NA	NA	Jan 2016
FirePro V4800	NA	1204	NA	456	NA	NA	May 2016
GeForce 930MX	NA	1204	NA	606	17	70	Jul 2016
GeForce GTX 280	\$522.78*	1203	2.30	552	236	5	Aug 2012
FirePro 3D V8700	\$199.99*	1198	5.99	514	151	7	Nov 2010
Intel UHD	NA	1197	NA	729	NA	NA	Jun 2018
Radeon HD 7750M	NA	1191	NA	693	28	42	Apr 2013
Intel UHD 630	NA	1186	NA	845	NA	NA	Oct 2017
Radeon R7 A12-9800E RADEON	NA	1185	NA	423	NA	NA	Sep 2017
Quadro 2000 D	NA	1182	NA	654	NA	NA	Feb 2011
Intel UHD P630	NA	1180	NA	719	NA	NA	Aug 2018
GeForce GT 745A	NA	1179	NA	771	NA	NA	Aug 2013
Intel Iris Pro 5200	NA	1171	NA	701	NA	NA	Jun 2013
Radeon R5 PRO A6-9500 R5, 8 COMPUTE CORES 2C+6G	NA	1167	NA	472	NA	NA	Jan 2017
GeForce GPU	NA	1166	NA	448	NA	NA	Jul 2015
FireStream 9250	NA	1164	NA	465	150	7	Sep 2013
Barco MXRT 5400	NA	1161	NA	456	NA	NA	Dec 2016
Radeon R7 PRO A12-8870E	NA	1160	NA	469	NA	NA	Dec 2016
Intel Coffee Lake UHD	NA	1158	NA	917	NA	NA	Nov 2017
Radeon R7 A10-7890K	NA	1158	NA	542	NA	NA	Apr 2016
Radeon HD 4850 X2	NA	1147	NA	545	250	4	Mar 2012
Radeon R7 PRO A10-8770E	NA	1147	NA	456	NA	NA	Jan 2017
Radeon R7 PRO A10-9700E	NA	1142	NA	460	NA	NA	Feb 2017
Radeon HD 8850M / R9 M265X	NA	1139	NA	740	NA	NA	Feb 2016
GeForce GTX 260	\$95.38*	1135	11.91	525	202	5	Aug 2012
Radeon HD 7560D + 6670 Dual	NA	1130	NA	500	NA	NA	Dec 2012

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon R7 A10-7870K							
Radeon R5 430	NA	1123	NA	920	NA	NA	Sep 2017
GeForce 845M	NA	1121	NA	586	NA	NA	Feb 2015
Intel HD 630	NA	1120	NA	810	NA	NA	Jul 2016
Radeon R7 M460	NA	1119	NA	610	NA	NA	Dec 2016
Radeon Vega 3 Mobile	NA	1118	NA	563	NA	NA	Dec 2017
Radeon R7 M260X	NA	1115	NA	587	NA	NA	Mar 2015
Radeon HD 7670	NA	1114	NA	615	66	16	Feb 2012
Radeon R9 M275	\$699.99	1114	1.59	569	NA	NA	Oct 2014
FirePro M4150	NA	1113	NA	587	NA	NA	Jun 2015
Radeon Vega 3	NA	1112	NA	595	NA	NA	Apr 2018
Radeon R7 A10-8850	NA	1107	NA	532	NA	NA	Jan 2017
Quadro FX 5800	\$178.89*	1106	6.19	549	189	5	Apr 2009
Radeon R7 A10-9700E RADEON	NA	1105	NA	423	NA	NA	Jan 2018
Radeon HD 7660D + 6570 Dual	NA	1100	NA	551	NA	NA	Mar 2013
Radeon R7 A8-9600 RADEON	NA	1095	NA	433	NA	NA	Apr 2017
FirePro M4170	NA	1086	NA	663	NA	NA	Feb 2015
Radeon HD 5670	\$47.84*	1083	22.65	478	64	16	Aug 2012
Radeon R7 PRO A10-9700B	NA	1082	NA	378	NA	NA	Jan 2018
FirePro 3D V4800	\$159.99*	1080	6.76	559	69	15	Aug 2010
Quadro K2000M	\$149.95*	1079	7.20	640	55	19	Jul 2012
GeForce 920MX	NA	1067	NA	515	NA	NA	Jun 2016
Radeon R7 M445	NA	1067	NA	612	NA	NA	Jan 2017
NVS 810	\$624.99	1066	1.71	650	NA	NA	Feb 2016
Intel HD P530	NA	1065	NA	709	NA	NA	Dec 2015
Radeon HD 7660D + 7670 Dual	NA	1061	NA	493	NA	NA	Nov 2012
Radeon HD 7520G + 7700M Dual	NA	1060	NA	331	NA	NA	Apr 2013
Firepro M4100	NA	1059	NA	622	NA	NA	Feb 2015
Radeon HD 6670	\$102.99*	1059	10.29	498	66	16	Aug 2012
Quadro M500M	NA	1057	NA	542	30	35	Mar 2016
GeForce GT 445M	NA	1054	NA	393	35	30	Nov 2010
GeForce GTX 295	\$159.99*	1054	6.59	568	289	3	Apr 2009
Radeon HD 8750M	NA	1054	NA	573	NA	NA	Jul 2014
Radeon HD 7670A	NA	1050	NA	702	NA	NA	Feb 2012
Radeon R7 PRO A8-9600	NA	1049	NA	481	NA	NA	Dec 2016
Radeon R7 + R7 240 Dual	NA	1045	NA	373	NA	NA	Apr 2015
Radeon R5 340	NA	1041	NA	596	NA	NA	Oct 2016
Radeon R7 340	NA	1041	NA	523	NA	NA	Jul 2016
Quadro 2000M	\$46.56*	1038	22.31	532	55	18	Aug 2012
Radeon HD 4770	NA	1037	NA	482	80	12	Nov 2011
Radeon HD 8600/8700M	NA	1034	NA	554	NA	NA	Nov 2014
Radeon HD 8570D + HD 8570 Dual	NA	1032	NA	519	NA	NA	Apr 2016
GeForce 940A	NA	1031	NA	537	NA	NA	Dec 2015
Radeon R5 430	NA	1031	NA	814	NA	NA	Aug 2017
Intel UHD Graphics 620	NA	1029	NA	616	NA	NA	Aug 2017

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon HD 8770	NA	1028	NA	530	NA	NA	Mar 2016
Radeon R7 + R5 330 Dual	NA	1028	NA	530	NA	NA	Mar 2016
Radeon R7 A8-7500	NA	1027	NA	493	NA	NA	Feb 2017
Radeon HD 4850	\$89.99*	1024	11.38	470	110	9	Aug 2012
Quadro K1100M	\$79.00*	1022	12.94	688	45	22	Aug 2013
Radeon HD 8730M	NA	1022	NA	545	NA	NA	Jan 2015
Radeon HD 8670D + R7 240 Dual	NA	1020	NA	525	NA	NA	Oct 2014
Radeon R7 A10-7850K	NA	1019	NA	492	95	10	Oct 2014
Radeon HD 6700M	NA	1014	NA	525	NA	NA	Aug 2012
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	NA	1014	NA	487	NA	NA	Jan 2017
Radeon R7 PRO A12-9800E	NA	1014	NA	451	NA	NA	Jan 2017
Radeon HD 7690M XT	NA	1009	NA	552	25	40	Jan 2015
GeForce 830A	NA	1004	NA	735	NA	NA	Dec 2014
Quadro FX 4800	\$149.99	1003	6.69	505	150	6	Aug 2012
Intel HD 530	NA	999	NA	750	NA	NA	Aug 2015
Radeon HD 7660G + HD 7500M/7600M Dual	NA	999	NA	322	NA	NA	Apr 2016
Radeon HD 8570D + R7 200 Dual	NA	999	NA	401	NA	NA	May 2014
Radeon HD 7690M	NA	998	NA	579	20	49	Dec 2012
Barco MXRT 5450	NA	992	NA	602	NA	NA	May 2013
Radeon HD 7640G + HD 8750M Dual	NA	992	NA	288	NA	NA	Aug 2015
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	NA	992	NA	480	NA	NA	Oct 2017
Radeon HD 7730M	NA	989	NA	577	25	39	Mar 2015
GeForce 940M	NA	988	NA	524	33	29	Mar 2015
Radeon R7 A10-7860K	NA	988	NA	506	NA	NA	Mar 2016
Radeon R7 A10-8750	NA	988	NA	418	NA	NA	Sep 2015
Radeon HD 6800M	NA	987	NA	490	NA	NA	Feb 2012
Radeon R7 A265	NA	987	NA	833	NA	NA	Jun 2015
Radeon HD 8570	NA	984	NA	729	66	14	Aug 2013
Radeon HD 8690M	NA	984	NA	768	NA	NA	Feb 2015
Radeon HD 7560D + 7560D Dual	NA	982	NA	420	NA	NA	May 2014
Radeon HD 7570	NA	982	NA	705	44	22	Aug 2012
Radeon R7 240	\$54.99	980	17.83	532	30	32	Oct 2013
Intel Iris 6100	NA	978	NA	637	NA	NA	Mar 2015
Radeon E6760	\$239.99*	973	4.06	573	NA	NA	Jun 2012
Radeon HD 8850M	NA	973	NA	502	NA	NA	Apr 2015
GeForce GT 745M	NA	972	NA	600	45	21	Jun 2013
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	NA	966	NA	350	NA	NA	Dec 2013
Radeon HD 6770M	NA	964	NA	572	NA	NA	May 2011
Radeon HD 8570D + R7 240 Dual	NA	963	NA	489	NA	NA	Dec 2014
Radeon R7 A10 PRO-7850B	NA	962	NA	497	NA	NA	Nov 2014
GeForce GT 640M	NA	961	NA	562	32	30	Oct 2012
Radeon R7 Opteron X3421	NA	961	NA	345	NA	NA	Sep 2017
Radeon HD 5600/5700	NA	960	NA	466	NA	NA	Jan 2011
Radeon R7 M440	NA	956	NA	627	NA	NA	Aug 2016
Radeon R5 PRO A6-9500E R5, 6 COMPUTE CORES 2C+4G	NA	955	NA	424	NA	NA	Jan 2017

Videocard Name	\$59.99* Price <sup>1</sup>	949 G3D Mark	15.83 Videocard Value <sup>2</sup>	467 G2D Mark	95 TDP (W)	9 Power Perf. <sup>4</sup>	Aug 2012 Test Date <sup>5</sup>
Radeon HD 8670D + R7 200 Dual	NA	949	NA	505	NA	NA	Dec 2014
Quadro CX	\$149.95*	947	6.32	454	NA	NA	Oct 2009
Radeon R7 PRO A10-8850B	NA	945	NA	552	NA	NA	Jun 2016
Radeon R7 PRO A12-8830B	NA	945	NA	359	NA	NA	Sep 2017
GeForce 930M	NA	942	NA	525	NA	NA	Jul 2015
Radeon HD 7660D + R7 240 Dual	NA	941	NA	452	NA	NA	Mar 2015
Radeon HD 6750M	NA	939	NA	478	NA	NA	Feb 2011
Intel HD Graphics 620	NA	931	NA	593	NA	NA	Oct 2016
Radeon HD 7660G + 7730M Dual	NA	931	NA	391	NA	NA	Jan 2014
Radeon R7 240 + HD 8670D Dual	NA	930	NA	470	NA	NA	Feb 2014
Radeon R7 A12-9720P RADEON	NA	930	NA	362	NA	NA	Jul 2017
Radeon R7 A12-9730P RADEON	NA	929	NA	380	NA	NA	Jul 2017
Radeon R7 A8-7600	NA	927	NA	461	NA	NA	Oct 2014
Radeon HD 8650G	NA	924	NA	344	NA	NA	May 2013
GeForce GT 730	\$58.99	921	15.63	571	49	18	Jul 2014
Radeon R7 PRO A10-8750B	NA	921	NA	512	NA	NA	Nov 2015
GeForce 920A	NA	919	NA	527	NA	NA	Aug 2016
Radeon HD 8690A	NA	919	NA	767	NA	NA	May 2015
Radeon R7 240 + HD 8570D Dual	NA	917	NA	352	NA	NA	Sep 2014
GeForce GT 635	NA	916	NA	813	NA	NA	Oct 2013
GeForce 840M	NA	913	NA	559	30	30	May 2014
GRID K220Q	NA	912	NA	538	NA	NA	Feb 2015
Radeon R7 A8-8650	NA	910	NA	499	NA	NA	Jan 2016
Radeon R7 M365X	NA	904	NA	491	NA	NA	Dec 2016
FirePro W2100	\$113.99*	900	7.90	711	26	34	Sep 2014
GeForce 9800 GTX+	NA	897	NA	482	141	6	Aug 2012
Radeon R7 A10-7700K	NA	896	NA	475	NA	NA	Nov 2014
GeForce GT 555M	NA	893	NA	489	30	29	Mar 2011
GeForce 830M	NA	889	NA	484	25	35	Oct 2014
GeForce GT 645M	NA	889	NA	525	32	27	Jan 2013
Radeon R7 A10-7800	NA	887	NA	406	NA	NA	Nov 2014
Radeon R7 + R5 435 Dual A10-9700 RADEON	NA	885	NA	479	NA	NA	Mar 2017
Quadro K620M	NA	884	NA	467	NA	NA	Mar 2015
Radeon HD 8650G + 7670M Dual	NA	883	NA	378	NA	NA	Aug 2013
Radeon HD 7660G + HD 7730M Dual	NA	881	NA	328	NA	NA	Feb 2016
GRID K1	\$545.00	880	1.62	459	NA	NA	Aug 2013
GeForce 9800 GTX/9800 GTX+	\$89.99*	878	9.77	480	NA	NA	Jun 2009
GeForce GTS 250	\$114.99*	876	7.63	496	150	5	Aug 2012
Radeon HD 3870 X2	NA	874	NA	444	165	5	Nov 2011
FirePro V3900	\$129.99*	871	6.70	666	50	17	Mar 2012
GeForce 840A	NA	869	NA	631	NA	NA	Nov 2014
Radeon HD 8570D + HD 6570 Dual	NA	868	NA	506	NA	NA	Oct 2014
Radeon R7 A8-7650K	NA	866	NA	476	NA	NA	Mar 2015
Mobility Radeon HD 4850	NA	862	NA	474	NA	NA	Jul 2009

Videocard Name	IVA Price <sup>1</sup>	GPU G3D Mark	IVA Videocard Value <sup>2</sup>	GPU G2D Mark	IVA TDP (W)	IVA Power Perf. <sup>4</sup>	Jul 2015 Test Date <sup>5</sup>
Radeon HD 8550G + HD 7600M Dual	NA	853	NA	389	NA	NA	Apr 2017
Radeon R7 A8-7500 Radeon R7, 10 Compute Cores 4C+6	NA	851	NA	547	NA	NA	Feb 2015
Radeon HD 8500M/8700M	NA	850	NA	503	NA	NA	Sep 2015
Radeon R7 A8-7670K	NA	849	NA	384	NA	NA	Jan 2017
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	\$530.00	848	1.60	347	NA	NA	Dec 2016
Radeon R7 FX-9800P RADEON	NA	846	NA	373	NA	NA	Dec 2016
Radeon R7 FX-8800P	NA	844	NA	613	NA	NA	Aug 2017
Radeon 520	NA	843	NA	466	NA	NA	Dec 2015
Radeon R7 PRO A8-8650B	NA	841	12.03	491	65	12	Dec 2010
GeForce GT 440	\$43.99*	839	19.09	504	108	7	Apr 2009
Quadro FX 3800	NA	839	NA	410	NA	NA	Jan 2017
Radeon R5 PRO A6-8570E R5, 6 COMPUTE CORES 2C+4G	NA	836	NA	517	NA	NA	Oct 2014
Radeon HD 8670D + R5 235 Dual	NA	834	NA	513	NA	NA	Jul 2015
Intel HD 520	NA	833	NA	494	135	6	Aug 2012
GeForce 8800 GTS 512	NA	833	NA	475	NA	NA	Oct 2012
Radeon HD 7560D + 6570 Dual	NA	832	NA	589	33	25	Feb 2013
GeForce GT 730M	NA	831	NA	340	NA	NA	Oct 2012
Radeon HD 7660G + 7600M Dual	NA	831	NA	374	NA	NA	Jul 2013
Radeon HD 8650G + 8600/8700M Dual	NA	830	7.69	736	41	20	Oct 2014
Quadro K420	\$107.99*	830	14.90	728	41	20	Mar 2013
Intel HD 6000	NA	829	NA	526	NA	NA	Jan 2015
Quadro K600	\$55.31	824	14.90	728	41	20	Mar 2013
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	NA	824	NA	261	NA	NA	Oct 2013
Radeon R7 M265	NA	822	NA	557	NA	NA	Nov 2014
GeForce GTS 240	\$64.99*	821	12.64	516	120	6	Sep 2009
Radeon R7 PRO A12-9800B	NA	820	NA	350	NA	NA	Jan 2017
Radeon HD 8550G + HD 8750M Dual	NA	819	NA	335	NA	NA	Dec 2014
Radeon HD 8650G + HD 7600M Dual	NA	819	NA	346	NA	NA	Mar 2015
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	NA	819	NA	314	NA	NA	Jan 2017
Radeon HD 7670M	\$629.99*	813	1.29	582	20	40	May 2012
Radeon HD 8550G + HD 8600/8700M Dual	NA	813	NA	329	NA	NA	Aug 2015
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	NA	809	NA	348	NA	NA	Dec 2016
Quadro FX 3800M	NA	803	NA	446	100	8	Oct 2009
GeForce 9800 GX2	NA	802	NA	521	197	4	Apr 2009
GeForce GTX 850A	NA	802	NA	566	NA	NA	May 2015
Radeon HD 8550G + 8600/8700M Dual	NA	802	NA	336	NA	NA	Aug 2013
Radeon HD 7660G	NA	799	NA	340	NA	NA	Jun 2012
GeForce 730A	NA	795	NA	675	NA	NA	Sep 2015
Radeon HD 8550G + 8750M Dual	NA	795	NA	321	NA	NA	Aug 2013
Quadro K1000M	\$149.90*	793	5.29	626	45	17	Aug 2012
Radeon HD 7650A	\$262.00*	793	3.03	745	NA	NA	Aug 2012
Radeon HD 3850 X2	NA	792	NA	407	349	2	Sep 2009
Radeon HD 8650G + 8750M Dual	NA	787	NA	380	NA	NA	Jul 2013
Radeon R7 PRO A12-8800B	NA	786	NA	325	NA	NA	Dec 2016
Radeon HD 4810	NA	785	NA	435	95	8	Mar 2014
GeForce GT 420M LE	\$849.99*	784	0.92	541	32	24	Sep 2012

GeForce GT 640M LE Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
GeForce GT 740M	NA	784	NA	551	NA	NA	May 2013
Radeon HD 7660D	NA	781	NA	503	100	7	Jun 2012
Radeon HD 8670D	NA	781	NA	531	NA	NA	Jun 2013
NVS 5400M	NA	779	NA	580	35	22	Jul 2012
GRID K180Q	NA	778	NA	461	NA	NA	Apr 2015
Radeon HD 8650G + HD 8750M Dual	NA	778	NA	344	NA	NA	May 2014
Intel HD 5200	NA	777	NA	645	NA	NA	Apr 2013
Intel UHD 610	NA	776	NA	699	NA	NA	Mar 2018
Radeon R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	NA	776	NA	352	NA	NA	Aug 2017
Radeon R7 A10 Extreme Edition	NA	776	NA	349	NA	NA	Dec 2016
GeForce GT 340	\$52.99*	775	14.64	474	69	11	Jan 2011
Mobility Radeon HD 5000	NA	773	NA	429	NA	NA	Sep 2012
Radeon HD 7600M + 7600M Dual	NA	773	NA	316	NA	NA	Oct 2012
Radeon HD 8650G N HD 8650G + HD 8570M Dual	NA	773	NA	367	NA	NA	Aug 2014
Radeon HD 7660G + HD 7600M Dual	NA	772	NA	325	NA	NA	Apr 2014
GeForce 8800 Ultra	NA	769	NA	475	171	4	Apr 2009
GeForce 9800 GTX	NA	769	NA	366	140	5	Apr 2009
Mobility Radeon HD 5850	NA	767	NA	402	31	24	Jan 2010
Radeon R7 M340	NA	766	NA	621	NA	NA	Apr 2016
NVS 510	\$237.99	765	3.21	680	35	21	Oct 2012
Radeon HD 8650G + HD 8600/8700M Dual	NA	765	NA	360	NA	NA	Mar 2014
Intel UHD 615	NA	764	NA	420	NA	NA	Oct 2018
GeForce 8800 GTX	NA	763	NA	475	155	4	Aug 2012
Quadro K610M	\$75.00*	763	10.17	731	30	25	Aug 2014
Radeon HD 6570	\$49.99*	760	15.21	466	44	17	Aug 2012
GeForce 825M	NA	759	NA	563	33	23	Oct 2014
GeForce GTS 360M	NA	757	NA	390	38	19	Jan 2010
Radeon HD 7660G + 7700M Dual	NA	757	NA	310	NA	NA	Aug 2013
Radeon R5 420	NA	757	NA	677	NA	NA	Oct 2017
Quadro 1100M	NA	755	NA	733	NA	NA	Feb 2013
Radeon R5 M255	NA	754	NA	531	NA	NA	Dec 2014
Radeon HD 8570D + HD 7000 Dual	NA	753	NA	464	NA	NA	Jun 2015
Quadro 1000M	\$99.95*	751	7.52	533	45	16	Aug 2012
Radeon HD 7660G + HD 7700M Dual	NA	751	NA	326	NA	NA	Oct 2014
Intel Iris 5100	NA	749	NA	558	NA	NA	Oct 2013
GeForce 8800 GT	NA	748	NA	461	125	5	Apr 2009
GeForce GT 140	NA	747	NA	433	105	7	May 2009
GeForce GT 630	\$99.21*	746	7.52	549	50	14	Jun 2012
Radeon HD 7660G + 7610M Dual	NA	745	NA	322	NA	NA	Dec 2012
Radeon R7 M270	NA	745	NA	513	NA	NA	Jan 2015
GeForce GT 530	\$49.00*	744	15.19	606	50	14	Jun 2011
Radeon R7 A12-9700P RADEON	NA	744	NA	354	NA	NA	Dec 2016
Radeon HD 7660G + 7670M Dual	NA	743	NA	346	NA	NA	Jun 2012
Radeon R5 235 + HD 7560D Dual	NA	743	NA	440	NA	NA	May 2014
GeForce GT 730A	NA	742	NA	714	NA	NA	Jun 2014

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon HD 8650G + 7600M Dual	NA	741	NA	463	NA	NA	Nov 2013
Radeon 6600M	NA	739	NA	483	NA	NA	Aug 2012
Radeon HD 7670M + 7670M Dual	NA	738	NA	294	NA	NA	Nov 2012
GeForce GTX 285M	NA	734	NA	473	75	9	Feb 2010
GeForce 920M	NA	732	NA	473	NA	NA	Apr 2015
Radeon HD 7550M/7650M	NA	732	NA	526	13	56	Jul 2012
GeForce 9600 GT	\$39.99*	729	18.25	448	95	7	Feb 2011
Intel HD 615	NA	728	NA	414	NA	NA	Oct 2016
GRID K140Q	NA	727	NA	456	NA	NA	Jul 2014
Radeon R7 A10 PRO-7800B	NA	724	NA	439	NA	NA	Oct 2014
Radeon R7 A8 PRO-7600B	NA	723	NA	421	NA	NA	Nov 2014
Radeon HD 7650M	NA	722	NA	531	20	36	Jul 2012
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	NA	722	NA	292	NA	NA	Nov 2013
Radeon HD 8650G + R5 M200 Dual	NA	722	NA	322	NA	NA	Jul 2015
Mobility Radeon HD 4870	NA	719	NA	416	NA	NA	Sep 2010
Radeon HD 7540D + 6570 Dual	NA	719	NA	469	NA	NA	Jul 2013
Radeon HD 8550G	NA	719	NA	323	NA	NA	Jul 2013
GeForce GT 550M	NA	718	NA	483	32	22	Mar 2011
Radeon HD 6650M	NA	718	NA	488	NA	NA	Jan 2011
Radeon HD 8670D + HD 7000 Dual	NA	718	NA	402	NA	NA	Mar 2015
Radeon HD 3870	\$58.00*	717	12.38	427	106	6	Aug 2012
Radeon HD 8470D + 6450 Dual	NA	717	NA	557	NA	NA	Sep 2013
GeForce GT 720	\$54.99*	716	13.03	628	19	37	Jun 2014
Intel HD 610	NA	716	NA	682	NA	NA	Jan 2017
Radeon HD 8650G + HD 8570M Dual	NA	716	NA	316	NA	NA	Sep 2014
Mobility Radeon HD 5570	NA	715	NA	491	NA	NA	Nov 2011
Radeon HD 5570	\$189.99*	714	3.76	464	39	18	Aug 2012
Intel HD 4600	NA	711	NA	761	45	15	Mar 2013
Radeon HD 7660G + HD 8670M Dual	NA	711	NA	325	NA	NA	Dec 2015
Radeon R7 M360	NA	711	NA	578	NA	NA	Sep 2015
GeForce 9800 GT	\$103.99*	708	6.81	462	125	5	Aug 2012
Radeon HD 6550A	NA	707	NA	609	NA	NA	Jan 2012
Radeon HD 7660G + HD 7670M Dual	NA	706	NA	317	NA	NA	Jan 2014
Radeon HD 7640G + 7600M Dual	NA	705	NA	295	NA	NA	Jul 2012
Radeon HD 7660G N HD 7660G + HD 7670M Dual	NA	704	NA	317	NA	NA	Jan 2014
Radeon HD 7640G + HD 7600M Dual	NA	702	NA	276	NA	NA	Oct 2014
GRID K160Q	NA	701	NA	446	NA	NA	Mar 2016
GeForce GT 820M	NA	700	NA	522	NA	NA	Oct 2016
Radeon HD 7570M/HD 7670M	NA	699	NA	555	25	27	Mar 2015
TRINITY DEVASTATOR MOBILE	NA	699	NA	335	NA	NA	Sep 2016
Quadro 600	\$50.99	697	13.67	588	40	17	Aug 2012
GeForce GT 635M	NA	696	NA	533	35	19	Sep 2012
Radeon HD 7640G + HD 8570M Dual	NA	696	NA	292	NA	NA	Jun 2014
Radeon R5 PRO A6-9500B R5, 6 COMPUTE CORES 2C+4G	NA	693	NA	323	NA	NA	Mar 2017
GeForce 820A	NA	691	NA	520	NA	NA	May 2015



Video Card Name	Price <sup>1</sup>	G3D Mark	Video Card Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon HD 7640G + 7700M Dual							
Radeon R5 PRO A6-8530B R5, 6 COMPUTE CORES 2C+4G	NA	689	NA	354	NA	NA	Jan 2017
Radeon HD 7640G + 8600/8700M Dual		688	NA	308	NA	NA	Oct 2013
Radeon R7 M260	\$799.00*	688	0.86	536	NA	NA	Nov 2014
GeForce GT 630M	NA	687	NA	523	33	20	Oct 2012
Radeon R6 A10-8700P	NA	687	NA	330	NA	NA	Dec 2016
Radeon HD 8650G + R5 M230 Dual	NA	686	NA	374	NA	NA	Jun 2014
Radeon HD 8550D	NA	685	NA	356	NA	NA	Mar 2014
Radeon HD 6630M	NA	684	NA	389	NA	NA	May 2011
Quadro FX 5600	\$179.99*	681	3.79	485	NA	NA	Apr 2009
GeForce GT 710	\$39.99	680	17.01	524	25	27	Jul 2014
Radeon HD 8570D	NA	680	NA	492	NA	NA	Jun 2013
Radeon HD 7640G N HD 7640G + HD 7670M Dual	NA	679	NA	305	NA	NA	Nov 2013
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	NA	679	NA	346	NA	NA	Dec 2013
GeForce GTS 160M	NA	678	NA	308	60	11	Jul 2009
Radeon HD 8610G + R5 M200 Dual	NA	676	NA	290	NA	NA	Jun 2016
Mobility Radeon HD 5730	NA	675	NA	400	26	25	Jul 2010
Quadro 500M	\$275.14*	672	2.44	647	35	19	May 2013
Intel HD P4600/P4700	NA	670	NA	816	NA	NA	Jul 2013
GeForce GT 735M	NA	668	NA	484	NA	NA	Jul 2013
GeForce GT 435M	NA	667	NA	401	35	19	Aug 2012
Radeon HD 8550G + R5 M230 Dual	NA	667	NA	315	NA	NA	Oct 2014
Quadro FX 4700 X2	NA	665	NA	505	NA	NA	Apr 2014
Radeon HD 7640G + HD 8500M N HD 8500M Dual	NA	665	NA	311	NA	NA	Nov 2013
Radeon HD 8550G + 8690M Dual	NA	664	NA	260	NA	NA	Nov 2013
Intel HD 5600	NA	663	NA	745	NA	NA	Mar 2015
Radeon HD 7560D	NA	662	NA	462	100	6	Aug 2012
FirePro M7740	NA	661	NA	415	NA	NA	Dec 2009
GeForce GT 430	\$35.99*	661	18.38	477	49	13	Aug 2012
GeForce GT 720A	NA	661	NA	706	NA	NA	Oct 2014
NVS 5200M	NA	661	NA	589	35	18	Sep 2012
FireGL V7700	\$174.99*	660	3.77	422	NA	NA	Mar 2011
Radeon R5 240	\$51.99	660	12.70	692	50	13	Sep 2014
Quadro FX 2800M	\$49.95*	659	13.21	436	75	8	Feb 2010
Radeon HD 7640G + HD 7670M Dual	NA	659	NA	278	NA	NA	Aug 2014
Radeon HD 2900 XT	NA	657	NA	402	215	3	Apr 2012
Radeon HD 7640G + 8750M Dual	NA	654	NA	305	NA	NA	Nov 2013
Radeon HD 8650G + 8570M Dual	NA	654	NA	282	NA	NA	Nov 2013
Quadro K510M	NA	651	NA	904	30	21	Dec 2013
Radeon HD 7520G + HD 8750M Dual	NA	651	NA	288	NA	NA	Jul 2015
GeForce GT 240	\$37.99*	650	17.12	458	69	9	Aug 2012
SUMO 9640	NA	650	NA	397	NA	NA	Oct 2011
GeForce GT 540M	NA	649	NA	471	32	20	Aug 2012
Intel HD 515	NA	646	NA	387	NA	NA	Oct 2015
Radeon HD 6670 + 6670 Dual	NA	646	NA	552	NA	NA	Jan 2013

Card Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon HD 8610G + HD 8500M Dual	NA	645	NA	273	NA	NA	Aug 2014
Radeon HD 6550D	NA	644	NA	396	100	6	Aug 2011
Radeon HD 7640G + 7670M Dual	NA	644	NA	293	NA	NA	Jun 2012
Radeon R5 M430	NA	644	NA	527	NA	NA	Aug 2016
Radeon R6	NA	642	NA	292	15	42	Jul 2014
GeForce 810A	NA	638	NA	686	NA	NA	Dec 2014
Radeon HD 8650G + 8670M Dual	NA	638	NA	354	NA	NA	Aug 2013
Radeon HD 7640G + 7400M Dual	NA	637	NA	286	NA	NA	Mar 2013
Radeon HD 8450G + 8750M Dual	NA	637	NA	299	NA	NA	Oct 2013
Radeon R5 330	\$369.99*	636	1.72	649	30	21	May 2017
GeForce 9800 S	NA	635	NA	427	NA	NA	Nov 2012
Matrox C420 LP PCIe x16	NA	635	NA	740	NA	NA	Apr 2015
Quadro FX 3700M	\$925.00*	634	0.69	384	75	8	Apr 2009
Radeon HD 8650G + HD 7670M Dual	NA	634	NA	304	NA	NA	Sep 2016
Radeon HD 7660D + HD 7000 Dual	NA	633	NA	464	NA	NA	May 2014
Radeon HD 7610M	NA	632	NA	478	20	31	Jul 2012
Quadro FX 3700	\$89.99	631	7.01	460	78	8	Jul 2010
Radeon HD 7660G + 7470M Dual	NA	630	NA	350	NA	NA	Aug 2012
Radeon HD 2900 PRO	NA	627	NA	397	200	3	Nov 2011
Radeon HD 7640G + 7500/7600 Dual	NA	627	NA	292	NA	NA	Jul 2013
Radeon HD 8650G + 8500M Dual	NA	626	NA	351	NA	NA	Oct 2013
GeForce GT 425M	NA	625	NA	391	23	27	Sep 2010
Radeon HD 7520G + HD 8600/8700M Dual	NA	623	NA	290	NA	NA	Oct 2014
GeForce GTX 280M	NA	620	NA	443	75	8	May 2009
Radeon HD 8570 + 8670D Dual	NA	620	NA	495	NA	NA	Nov 2013
Intel HD 510	NA	619	NA	623	NA	NA	Oct 2015
Radeon HD 8550G + R5 M200 Dual	NA	619	NA	276	NA	NA	Jul 2015
GeForce 820M	NA	617	NA	471	15	41	Jul 2014
Radeon HD 8550G + 8600M Dual	NA	617	NA	321	NA	NA	Aug 2013
Radeon HD 7500G + 7500M/7600M Dual	NA	616	NA	307	NA	NA	Sep 2013
FireGL V7600	NA	615	NA	488	NA	NA	Sep 2009
FirePro M2000	NA	615	NA	598	NA	NA	Nov 2012
Radeon HD 7640G + HD 7400M Dual	NA	615	NA	292	NA	NA	Oct 2014
Radeon HD 7640G	NA	614	NA	290	NA	NA	Jul 2012
Radeon HD 8650G + 8600M Dual	NA	613	NA	369	NA	NA	Oct 2013
Radeon HD 7570M	NA	612	NA	604	13	47	Jun 2012
7900 MOD - Radeon HD 6520G	NA	610	NA	322	NA	NA	Dec 2012
Radeon HD 8610G + 8500M Dual	NA	610	NA	298	NA	NA	Sep 2013
Radeon R5 M315	NA	609	NA	569	NA	NA	Jul 2016
Radeon HD 7640G + HD 8500M Dual	NA	607	NA	304	NA	NA	Jul 2014
GeForce 8800 GTS	NA	605	NA	447	146	4	Aug 2012
Intel HD P4600	NA	604	NA	962	NA	NA	Jul 2013
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	NA	604	NA	302	NA	NA	Dec 2016
Radeon HD 8550G + 8500M Dual	NA	602	NA	304	NA	NA	Sep 2013

Card Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Quadro FX 4600	\$129.99*	601	4.63	466	134	4	Apr 2009
Radeon HD 8650G + HD 8600M Dual	NA	601	NA	377	NA	NA	Sep 2014
Radeon R5 M330	NA	600	NA	520	18	33	Aug 2015
Intel HD 5000	NA	599	NA	494	NA	NA	Jun 2013
Radeon HD 7520G + HD 7600M Dual	NA	599	NA	289	NA	NA	Nov 2014
Radeon HD 8610G + 8670M Dual	NA	599	NA	356	NA	NA	Jan 2014
Radeon HD 7640G + 7470M Dual	NA	598	NA	300	NA	NA	Jun 2012
Radeon R5 M320	NA	598	NA	737	NA	NA	Sep 2015
Radeon HD 8510G + 8500M Dual	NA	596	NA	260	NA	NA	Aug 2014
Radeon HD 8550G + HD 8600M Dual	NA	593	NA	322	NA	NA	Dec 2014
Radeon HD 7520G + 7600M Dual	NA	591	NA	361	NA	NA	Jan 2013
GeForce GTX 260M	NA	589	NA	367	65	9	Aug 2012
Radeon HD 7640G + HD 7700M Dual	NA	589	NA	276	NA	NA	Nov 2015
Radeon HD 8650G + HD 8670M Dual	NA	589	NA	317	NA	NA	Dec 2015
Intel HD 5500	NA	588	NA	508	NA	NA	Jul 2014
Radeon HD 7520G + 7610M Dual	NA	588	NA	317	NA	NA	Aug 2013
Radeon HD 7660G + 7400M Dual	NA	588	NA	325	NA	NA	Jan 2013
Radeon HD 8610G + 8600M Dual	NA	588	NA	319	NA	NA	Nov 2013
Radeon HD 7660G + 8670M Dual	NA	587	NA	332	NA	NA	Mar 2014
Radeon HD 7640G + HD 8600/8700M Dual	NA	586	NA	297	NA	NA	Feb 2015
Radeon HD 7640G + 8500M Dual	NA	585	NA	307	NA	NA	Feb 2014
Quadro FX 1800	\$186.29*	580	3.12	516	59	9	Apr 2009
Radeon HD 8550G + 8670M Dual	NA	579	NA	334	NA	NA	Aug 2013
Radeon HD 8610G + HD 8600M Dual	NA	579	NA	299	NA	NA	Dec 2014
Radeon HD 7620G + 8670M Dual	NA	577	NA	321	NA	NA	Dec 2013
Radeon HD 8610G + HD 8670M Dual	NA	577	NA	281	NA	NA	Dec 2013
Intel Skylake HD DT GT2	NA	576	NA	402	NA	NA	Feb 2015
Radeon HD 8450G + HD 8670M Dual	NA	574	NA	376	NA	NA	Feb 2017
Radeon R5 M230	NA	571	NA	534	NA	NA	Dec 2014
GeForce GT 620M	NA	570	NA	446	15	38	Jul 2012
Radeon R6 + R7 M265DX Dual	NA	570	NA	328	NA	NA	Mar 2015
Radeon R6 PRO A10-8700B R6, 10 Compute Cores 4C+6G	NA	569	NA	294	NA	NA	Dec 2016
GeForce 710M	NA	568	NA	469	12	47	Feb 2013
GeForce GTS 250M	NA	567	NA	362	28	20	Oct 2009
Intel HD 4400	NA	567	NA	756	NA	NA	Sep 2013
Radeon HD 6610M	NA	565	NA	526	NA	NA	Nov 2012
Mobility Radeon HD 3870 X2	NA	564	NA	367	NA	NA	Sep 2009
Radeon HD 8500M	NA	564	NA	496	NA	NA	Apr 2015
Radeon HD 7560D + R5 235 Dual	NA	563	NA	396	NA	NA	Jul 2015
GeForce GT 720M	NA	560	NA	482	NA	NA	Jul 2013
GeForce 800M	NA	559	NA	610	NA	NA	Oct 2014
Radeon HD 7640G + 8570M Dual	NA	558	NA	273	NA	NA	Dec 2013
Radeon HD 7640G + 8670M Dual	NA	558	NA	315	NA	NA	Jan 2014
Radeon HD 6620G	NA	557	NA	264	45	12	Aug 2012

Videocard Name	GeForce GTS 350M Price <sup>1</sup>	556 G3D Mark	NA Videocard Value <sup>2</sup>	384 G2D Mark	28 TDP (W)	19 Power Perf. <sup>4</sup>	Aug 2010 Test Date <sup>5</sup>
Radeon R5 M240	NA	556	NA	499	NA	NA	Aug 2015
GeForce GT 330	\$39.99*	555	13.89	469	NA	NA	Mar 2010
Radeon HD 7600G + HD 7500M/7600M Dual	NA	555	NA	243	NA	NA	Jun 2015
GF117	NA	554	NA	446	NA	NA	Feb 2015
Radeon R5 M335	NA	554	NA	577	NA	NA	Nov 2015
GeForce GT 320	\$32.69*	553	16.92	481	43	12	Jan 2010
GeForce GT 710M	NA	551	NA	429	NA	NA	Aug 2014
Mobility Radeon HD 5650	NA	551	NA	374	15	36	Jun 2012
Radeon HD 8610G	NA	551	NA	284	NA	NA	Jul 2013
FireGL V8650	\$329.99*	550	1.67	636	NA	NA	Mar 2010
GeForce 615	NA	549	NA	582	NA	NA	Jan 2013
Radeon HD 5550	\$54.99*	548	9.97	419	39	14	May 2010
Radeon HD 7520G + HD 7670M Dual	NA	548	NA	323	NA	NA	Jan 2016
Radeon HD 8650D	NA	548	NA	396	NA	NA	Jun 2014
GeForce 9800M GS	NA	547	NA	311	60	9	Aug 2012
Mobility Radeon HD 3870	NA	547	NA	287	NA	NA	Dec 2009
FirePro 3D V5700	\$319.99*	546	1.71	516	58	9	Sep 2009
Radeon HD 7640G + R5 M200 Dual	NA	546	NA	246	NA	NA	Jul 2015
Radeon HD 8550G + HD 8670M Dual	NA	546	NA	314	NA	NA	Mar 2016
GeForce 8800 GS	NA	545	NA	435	105	5	Aug 2009
Radeon HD 4670	\$109.99*	545	4.96	429	59	9	Aug 2012
Radeon HD 8450G + 8600M Dual	NA	545	NA	356	NA	NA	Dec 2013
Radeon R5 M420	NA	545	NA	644	NA	NA	Nov 2017
Radeon HD 7520G + HD 7400M Dual	NA	544	NA	315	NA	NA	Nov 2015
GeForce GT 420M	NA	543	NA	414	23	23	Oct 2010
Radeon HD 7600G + HD 8670M Dual	NA	543	NA	240	NA	NA	Apr 2015
GeForce 8800M GTX	NA	542	NA	343	65	8	Apr 2009
FirePro 3D V7750	\$350.00*	540	1.54	469	76	7	Sep 2009
Radeon HD 7560D + HD 7000 Dual	NA	534	NA	422	NA	NA	Jun 2014
Radeon HD 8570M	NA	534	NA	492	NA	NA	Feb 2015
Radeon HD 8550G + 8570M Dual	NA	532	NA	307	NA	NA	Aug 2013
RADEON HD6530D	NA	531	NA	327	NA	NA	Aug 2012
Quadro FX 2700M	\$99.95*	529	5.29	363	65	8	Apr 2009
Radeon HD 3850	NA	529	NA	375	75	7	Oct 2011
Radeon HD 8550G + HD 8570M Dual	NA	529	NA	259	NA	NA	Mar 2016
GeForce GT625M	NA	528	NA	392	NA	NA	Jan 2014
Radeon HD 7640G + 6400M Dual	NA	526	NA	279	NA	NA	Dec 2012
Radeon HD 7520G + 7670M Dual	NA	522	NA	322	NA	NA	May 2012
Radeon HD 8470D	NA	520	NA	442	NA	NA	Jul 2013
Radeon HD 8670M	NA	520	NA	488	NA	NA	Dec 2014
GeForce 710A	NA	517	NA	595	33	15	Jan 2014
GeForce 9600 GSO	\$49.99*	517	10.35	453	84	6	Apr 2009
GeForce 9800M GTX	\$328.50*	517	1.57	332	75	6	Apr 2009
Intel HD P4000	NA	516	NA	635	NA	NA	Apr 2012
	NA	513	NA	338	100	5	Aug 2012

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon HD 6530D	NA	511	NA	284	NA	NA	Jan 2012
Mobility Radeon HD 4830	NA	510	NA	431	65	7	Oct 2012
Radeon HD 7540D	NA	510	NA	309	NA	NA	Oct 2013
Radeon HD 7640G + 7610M Dual	NA	509	NA	201	NA	NA	Dec 2014
Radeon HD 7600G + HD 7550M Dual	NA	507	NA	267	NA	NA	Feb 2014
Radeon HD 8510G	NA	506	NA	264	NA	NA	Aug 2013
GeForce 9600 GSO 512	NA	503	NA	401	90	5	Apr 2009
GeForce GT 625M	NA	503	NA	409	15	33	Feb 2013
Radeon HD 7620G + 8600M Dual	NA	503	NA	295	NA	NA	Nov 2013
GeForce GT 335M	NA	501	NA	319	28	17	Mar 2010
Radeon R6 A8-8600P	NA	501	NA	295	NA	NA	Feb 2017
Radeon HD8530M	NA	498	NA	577	NA	NA	Nov 2016
Radeon HD 7500G + 7550M Dual	NA	497	NA	262	NA	NA	Apr 2013
SUMO 964A	NA	497	NA	402	NA	NA	Aug 2011
ASUS EAH4870x2	NA	496	NA	538	NA	NA	Apr 2009
Radeon HD 6520G	NA	486	NA	247	45	10	Aug 2012
Radeon HD 7520G + 7400M Dual	NA	486	NA	280	NA	NA	Feb 2015
Radeon HD 7620G	NA	484	NA	271	NA	NA	Jul 2012
GeForce 810M	NA	483	NA	210	NA	NA	Oct 2014
Radeon HD 8450G + HD 8750M Dual	NA	483	NA	321	NA	NA	Oct 2016
Quadro FX 1800M	NA	479	NA	413	45	10	Apr 2010
GeForce 9700M GTS	NA	478	NA	300	60	7	Dec 2010
Mobility Radeon HD 5000 Serisi	NA	478	NA	304	NA	NA	May 2013
Radeon HD 7600G	NA	478	NA	225	NA	NA	Nov 2012
FirePro 3D V3800	\$149.99*	475	3.17	509	43	11	Jul 2010
GeForce 910M	NA	475	NA	223	NA	NA	Aug 2015
GeForce 9800M GT	NA	475	NA	374	65	7	Apr 2009
GeForce 8800M GTS	NA	474	NA	310	50	9	Aug 2012
Radeon HD 8450G + 8670M Dual	NA	474	NA	413	NA	NA	Aug 2013
Radeon HD 7550M	NA	473	NA	402	13	36	Jul 2012
GeForce GT 420	\$45.99*	472	10.27	543	50	9	Dec 2010
GeForce GT 230	\$43.99*	471	10.72	436	NA	NA	May 2009
Radeon HD 3850 AGP	NA	469	NA	183	75	6	Aug 2012
Radeon HD 7600G + 8500M/8700M Dual	NA	469	NA	256	NA	NA	Dec 2013
Quadro FX 3600M	NA	467	NA	367	70	6	Apr 2009
Radeon HD 7660D + 7470 Dual	NA	465	NA	490	NA	NA	Nov 2012
FirePro V5700	NA	464	NA	469	NA	NA	Jan 2015
Mobility Radeon HD 4670	NA	463	NA	375	NA	NA	Jul 2009
GeForce GT 130	\$27.99*	459	16.41	390	75	6	Apr 2009
Intel HD 4000	\$1,592.95*	455	0.29	518	NA	NA	Aug 2012
GeForce 705M	NA	454	NA	455	NA	NA	Jan 2014
Radeon HD 7520G + 7650M Dual	NA	453	NA	345	NA	NA	Oct 2013
Radeon HD 8450G + HD 8600M Dual	NA	452	NA	326	NA	NA	Mar 2015
Radeon HD 7520G	NA	449	NA	316	NA	NA	Aug 2012
GeForce 9600 GS	NA	445	NA	402	NA	NA	Jan 2010

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon HD 7660G + 8600M Dual	NA	445	NA	359	NA	NA	Mar 2014
Radeon HD 7600G + HD Dual	NA	442	NA	219	NA	NA	Jan 2014
Radeon HD 7620G + HD 8600M Dual	NA	442	NA	266	NA	NA	Dec 2014
GeForce 800A	NA	440	NA	234	NA	NA	Nov 2015
GeForce GT 625	NA	439	NA	773	30	14	Jun 2013
Radeon R5 Opteron X3216	NA	438	NA	352	NA	NA	Aug 2017
Intel HD Family	NA	435	NA	475	NA	NA	Aug 2012
Radeon HD 8410G	NA	435	NA	263	NA	NA	Apr 2014
Radeon HD 7420G	NA	433	NA	313	NA	NA	Dec 2012
Radeon HD 8370D	NA	433	NA	426	NA	NA	Nov 2013
Radeon HD 8350G	NA	432	NA	335	35	12	Jul 2013
GeForce GT 620	\$39.99*	430	10.76	564	30	14	Jun 2012
Radeon HD 7480D	NA	428	NA	392	65	6	Oct 2012
Radeon HD 7600G + 7550M Dual	NA	423	NA	246	NA	NA	Apr 2014
RADEON HD6410D	NA	422	NA	296	NA	NA	Feb 2012
GeForce GT 705	NA	421	NA	687	29	14	Sep 2014
Intel 4th Generation Haswell HD	NA	419	NA	734	NA	NA	Apr 2017
Radeon HD 8450G	NA	413	NA	344	NA	NA	Jul 2013
Radeon HD 7500G	NA	412	NA	255	NA	NA	Jul 2012
Mobile Intel HD	NA	410	NA	469	NA	NA	Nov 2011
Quadro 410	\$153.01*	409	2.67	578	38	10	Nov 2012
Radeon HD 7470M	NA	407	NA	393	7	58	Jan 2012
GeForce GT 520MX	NA	406	NA	428	20	20	Oct 2012
Radeon HD 6480G	NA	406	NA	258	45	9	Aug 2012
RADEON E4690	NA	405	NA	346	NA	NA	Jun 2011
Radeon HD 7600G + 7500M/7600M Dual	NA	405	NA	210	NA	NA	May 2013
GeForce 610M	NA	404	NA	483	NA	NA	Oct 2012
Intel HD 5300	NA	401	NA	336	NA	NA	Aug 2014
Mobility Radeon HD 4650	NA	400	NA	320	NA	NA	Aug 2009
Intel UHD 605	NA	399	NA	336	NA	NA	Mar 2018
VirtualBox Adapter for Windows 8+	NA	397	NA	440	NA	NA	Apr 2016
Radeon R4	NA	396	NA	234	NA	NA	Jul 2014
PHDGD Ivy 4	NA	394	NA	457	NA	NA	Nov 2016
Radeon HD 7600G + 7450M Dual	NA	389	NA	220	NA	NA	Apr 2013
Radeon HD 6410D	NA	388	NA	330	65	5	Dec 2011
GeForce GT 520M	\$59.99*	381	6.36	427	12	31	Aug 2012
Radeon HD 6490M	\$1,193.03*	380	0.32	513	NA	NA	Feb 2011
Radeon HD 8490	NA	380	NA	772	35	10	Mar 2014
Radeon R3	NA	372	NA	195	NA	NA	Jul 2014
Radeon R5 235	\$257.99	372	1.44	565	35	10	Feb 2014
Radeon R5 235X	NA	367	NA	421	18	20	Dec 2014
GeForce GT 520	\$59.99*	366	6.10	471	29	12	Apr 2011
Radeon HD8490	NA	366	NA	675	NA	NA	Jul 2013
Mobility Radeon HD 3850	NA	365	NA	248	NA	NA	Nov 2009
NVS 4200M	NA	365	NA	511	NA	NA	Aug 2012

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
GeForce GT 330M							
Intel UHD 600	NA	362	NA	321	NA	NA	Jan 2018
Radeon HD 7470	NA	362	NA	689	27	13	Jun 2012
Radeon HD 8400	NA	357	NA	209	NA	NA	Jul 2013
NVS 5100M	NA	356	NA	439	35	10	Mar 2010
Radeon HD 7500G + HD 7500M/7600M Dual	NA	355	NA	265	NA	NA	Dec 2015
Quadro FX 880M	NA	354	NA	396	35	10	Feb 2010
GeForce GT 240M	NA	351	NA	332	23	15	Jul 2009
GeForce GT 610	\$39.99*	351	8.78	481	29	12	Aug 2012
Intel HD P3000	NA	351	NA	605	NA	NA	Mar 2012
GeForce 410M	NA	350	NA	442	12	29	Jul 2011
Radeon HD 7580D	NA	350	NA	429	NA	NA	Jun 2013
GeForce GT 220	\$79.99*	349	4.37	428	58	6	Aug 2012
NVS 315	\$52.99	346	6.55	662	19.5	17	Feb 2014
FirePro 3D V3750	\$50.88*	343	6.75	470	48	7	Sep 2009
Radeon HD 8470	NA	343	NA	605	35	9	Sep 2013
FireGL V5600	NA	341	NA	444	NA	NA	Oct 2009
Radeon HD 8400E	NA	339	NA	203	NA	NA	Dec 2013
Radeon R5E	NA	338	NA	216	NA	NA	Jul 2014
Radeon R5 310	\$449.00	337	0.75	557	NA	NA	Dec 2015
Radeon HD 8330	NA	336	NA	159	NA	NA	Aug 2013
Radeon HD 4650	\$124.99*	335	2.68	402	48	6	Nov 2011
GeForce GT 230M	NA	332	NA	351	23	14	Sep 2009
Radeon HD 7450M	NA	329	NA	441	7	47	Jun 2015
Mobility Radeon HD 565v	NA	325	NA	354	NA	NA	Feb 2011
Radeon HD 7400G	NA	323	NA	218	NA	NA	Dec 2012
Radeon HD 8330E	NA	323	NA	169	NA	NA	Nov 2013
Radeon HD 8280E	NA	321	NA	172	NA	NA	Jan 2014
GeForce 605	\$97.99*	320	3.27	533	NA	NA	Jun 2012
RADEON HD6370D	NA	320	NA	312	NA	NA	Dec 2011
GeForce 240M GT	NA	319	NA	434	NA	NA	Jan 2019
GeForce 9700M GT	NA	319	NA	329	45	7	Apr 2009
GeForce GT 415M	NA	319	NA	426	12	26	Apr 2011
Radeon HD 8280	NA	319	NA	142	NA	NA	Feb 2014
Mobility Radeon HD 560v	NA	318	NA	365	NA	NA	Jul 2010
Intel HD 3000	\$945.00*	313	0.33	443	NA	NA	Aug 2012
Radeon HD 6470M	\$569.99*	312	0.55	450	NA	NA	Aug 2012
Radeon HD 7520G + 8600/8700M Dual	NA	311	NA	328	NA	NA	Oct 2014
GeForce 510	\$69.99*	310	4.44	568	25	12	Dec 2011
Radeon HD 7450	\$84.99*	310	3.65	547	18	17	Feb 2012
Radeon E	\$42.99	307	7.16	281	NA	NA	Sep 2017
Radeon HD 6370D	NA	307	NA	287	65	4	Dec 2011
Quadro FX 3500M	\$99.99*	306	3.06	308	45	6	Sep 2009
GeForce 7900 GTX	NA	305	NA	404	NA	NA	Apr 2009
Radeon R2	NA	302	NA	151	NA	NA	Jul 2014

Video Card Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Quadro K1000							
Radeon HD 6380G	\$399.99*	300	0.75	233	35	8	Apr 2012
GeForce GT 130M	NA	298	NA	309	23	12	Apr 2009
GRID K120Q	NA	298	NA	275	NA	NA	Dec 2015
Quadro FX 770M	\$527.00*	297	0.57	340	35	8	Apr 2009
GeForce 9600M GT / GeForce GT 220M	NA	293	NA	290	NA	NA	May 2010
GeForce GT 325M	NA	293	NA	387	23	12	Apr 2011
Radeon HD 2900 GT	NA	292	NA	344	150	1	Feb 2012
NVS 310	\$107.81*	291	2.70	624	19.5	14	Oct 2012
Radeon HD 7450A	NA	288	NA	385	NA	NA	May 2012
GeForce GT 120	\$34.49*	287	8.35	383	50	5	Apr 2009
GeForce 8600 GTS	NA	285	NA	409	75	3	Aug 2012
Mobility Radeon HD 5165	NA	284	NA	362	35	8	Feb 2010
Radeon HD 2600 XT	NA	283	NA	372	45	6	Nov 2011
Radeon HD 7350	NA	279	NA	569	19.1	14	Mar 2012
Radeon HD 8240	NA	279	NA	133	NA	NA	Sep 2013
GeForce 9500 GS	NA	277	NA	374	NA	NA	Aug 2012
Radeon HD 6450	\$52.99	277	5.24	459	18	15	Oct 2011
Radeon HD 6370M	NA	275	NA	401	11	25	Dec 2010
GeForce 9500 GT	\$85.99*	273	3.18	404	50	5	Apr 2009
GeForce 320M	NA	272	NA	321	20	13	Nov 2011
GeForce 9650M GS	NA	270	NA	328	29	9	Apr 2009
Quadro FX 580	\$88.44*	269	3.05	484	40	6	Apr 2009
Radeon HD 8280G	NA	269	NA	129	NA	NA	May 2013
Radeon HD 5470	NA	268	NA	297	NA	NA	Nov 2014
GeForce GT 120M	NA	267	NA	272	23	11	Jul 2009
Mobility Radeon HD 550v	NA	266	NA	398	NA	NA	Aug 2010
Radeon HD 8350	\$139.99*	265	1.89	726	4.4	60	Nov 2013
EAH6450	NA	264	NA	641	NA	NA	May 2016
GeForce 7950 GT	\$114.95*	264	2.30	377	NA	NA	Oct 2011
GeForce Go 7950 GTX	NA	263	NA	283	45	5	Apr 2009
Wine Display Adapter	NA	261	NA	201	NA	NA	Dec 2015
GeForce 9600M GT	NA	260	NA	310	23	11	Apr 2009
Radeon HD 6450A	NA	260	NA	207	NA	NA	Apr 2012
GeForce GT 220M	NA	259	NA	289	14	18	Aug 2009
GeForce 7900 GT	NA	258	NA	160	NA	NA	Apr 2009
Radeon HD 8250	NA	257	NA	119	NA	NA	Jun 2013
Radeon R2E	NA	257	NA	171	NA	NA	Jul 2014
Radeon R3E	NA	256	NA	151	NA	NA	Jan 2015
Radeon HD 6300M	NA	255	NA	387	NA	NA	Jun 2012
GeForce 9650M GT	NA	253	NA	314	23	11	Apr 2009
Radeon HD 8210	NA	251	NA	94	NA	NA	Jul 2013
GeForce 315	\$32.99*	249	7.57	439	33	7	Feb 2010
Qualcomm Adreno 630 GPU	NA	249	NA	208	NA	NA	Jan 2019
GeForce 7900 GT/GTO	NA	246	NA	464	NA	NA	Apr 2009



Video Card Name	NA Price <sup>1</sup>	241 G3D Mark	NA Videocard Value <sup>2</sup>	390 G2D Mark	47 TDP (W)	5 Power Perf. <sup>4</sup>	Aug 2012 Test Date <sup>5</sup>
Radeon HD 3670	NA	241	NA	364	NA	NA	Oct 2011
Quadro FX 5500	\$1,840.60*	240	0.13	395	96	2	Apr 2009
Quadro 400	\$22.99	238	10.36	557	32	7	Jul 2011
Mobility Radeon HD 5470	NA	236	NA	362	13	18	Aug 2012
Radeon HD 4550	\$126.99*	236	1.86	428	20	11	Aug 2012
KB 2C	NA	235	NA	115	NA	NA	Mar 2014
Radeon R5 230	\$42.34	235	5.55	558	NA	NA	Jan 2018
Mobility Radeon HD 3670	NA	232	NA	331	NA	NA	Aug 2009
Radeon R5 220	NA	232	NA	439	19	12	Feb 2015
GeForce 9600M GS	NA	231	NA	287	20	11	Apr 2009
Radeon HD 5450	\$49.99	231	4.63	432	19.1	12	Aug 2012
HD6450	NA	227	NA	311	NA	NA	Apr 2016
FirePro 2270	\$105.06*	226	2.16	560	17	13	Aug 2012
GeForce 7800 GTX	NA	223	NA	354	86	2	Apr 2009
Radeon HD 7340M	NA	221	NA	159	NA	NA	Oct 2012
A6 Micro-6500T Quad-Core APU with RadeonR4	NA	220	NA	126	NA	NA	Jan 2016
Mobility FireGL V5725	NA	219	NA	404	NA	NA	Apr 2009
GeForce 7900 GS	NA	218	NA	353	NA	NA	Apr 2009
Radeon HD 6320 Graphic	NA	216	NA	158	NA	NA	Nov 2011
FirePro 2460	\$269.99*	215	0.80	572	17	12	Aug 2012
Mobility Radeon. HD 5470	NA	215	NA	398	13	16	Apr 2013
Quadro FX 1600M	\$149.90*	215	1.44	315	50	4	Jun 2009
Mobility Radeon HD 5450	NA	214	NA	319	11	19	May 2010
Quadro FX 2500M	\$99.99*	214	2.15	274	45	4	Apr 2009
GeForce 405	\$24.64*	212	8.61	473	NA	NA	Mar 2011
Mobility Radeon HD 3650	NA	211	NA	319	NA	NA	Apr 2009
Radeon HD 2600 PRO	NA	211	NA	337	35	6	Oct 2011
Radeon HD 6230	NA	211	NA	338	NA	NA	Nov 2013
RADEON HD 6350	\$50.99*	211	4.15	426	19.1	11	Apr 2011
GeForce 310M	NA	210	NA	364	14	15	Aug 2012
GeForce Go 7800 GTX	NA	209	NA	239	65	3	Apr 2009
GeForce 315M	NA	208	NA	402	14	14	Jun 2011
GeForce 8700M GT	NA	208	NA	291	29	7	Apr 2009
Quadro FX 3500	\$129.98*	208	1.60	395	80	2	Apr 2009
Quadro FX 4500	\$249.00*	207	0.83	382	109	1	Apr 2009
Radeon HD 4650 AGP	NA	207	NA	156	NA	NA	Aug 2011
Radeon HD 7340	\$552.69*	207	0.38	142	NA	NA	Jun 2012
Quadro NVS 320M	NA	206	NA	312	20	10	Sep 2009
GeForce GT 320M	NA	205	NA	346	14	14	Feb 2010
Quadro FX 380M	NA	205	NA	434	25	8	Mar 2010
NVS 3100M	NA	204	NA	421	14	14	May 2011
GeForce 310	\$108.35*	203	1.87	473	30.5	6	Jan 2010
Radeon HD 6320	\$554.99*	202	0.36	137	45	4	Nov 2011
GeForce G210M	NA	199	NA	288	14	14	Sep 2009



Radeon HD 4300/4500 Series	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
<b>Videocard Name</b> Radeon X1950 CrossFire Edition	NA	151	NA	466	NA	NA	May 2009
Radeon HD 3650 AGP	NA	150	NA	155	NA	NA	Nov 2011
Quadro FX 380	\$72.50*	149	2.06	477	34	4	Feb 2012
Mobility Radeon HD 4350	NA	148	NA	369	NA	NA	Mar 2011
Quadro FX 3450	\$138.75*	148	1.07	235	83	1	Aug 2009
GeForce Go 7700	NA	147	NA	232	NA	NA	Apr 2009
Radeon HD 3470	NA	145	NA	425	30	4	Dec 2011
Radeon X1900 GT	NA	145	NA	408	75	1	Jul 2009
GeForce 6800 GT	NA	142	NA	212	NA	NA	Apr 2009
Radeon HD 4290	NA	142	NA	443	NA	NA	Mar 2010
GeForce 8600 GS	NA	141	NA	374	47	3	Apr 2009
GeForce 9400	NA	140	NA	363	NA	NA	Apr 2009
nForce 760i SLI	NA	140	NA	379	NA	NA	Apr 2009
Radeon HD 6290M	NA	140	NA	92	NA	NA	Jul 2012
Radeon X1800 GTO	NA	140	NA	414	48	2	Jul 2009
Radeon HD 7290	NA	139	NA	98	NA	NA	Dec 2012
GeForce 6800 Ultra	NA	138	NA	153	NA	NA	Apr 2009
Radeon HD 6290	NA	138	NA	99	45	3	Jul 2012
GeForce Go 6800 Ultra	NA	137	NA	197	NA	NA	Apr 2009
Radeon X1900 CrossFire Edition	NA	137	NA	506	100	1	Mar 2011
GeForce 6800 GS	NA	136	NA	333	NA	NA	Apr 2009
GeForce 8500 GT	NA	136	NA	356	45	3	Apr 2009
Mobility Radeon HD 4330	NA	135	NA	377	NA	NA	Aug 2009
GeForce 7600 GS	\$84.99*	134	1.58	272	NA	NA	Aug 2012
GeForce 7650 GS	NA	134	NA	334	NA	NA	Apr 2009
GeForce G200	NA	134	NA	286	NA	NA	Feb 2010
Mobility Radeon X1900	NA	134	NA	286	NA	NA	Feb 2010
Quadro FX 3450/4000 SDI	NA	133	NA	368	NA	NA	Apr 2009
GeForce 9300 / nForce 730i	NA	130	NA	368	NA	NA	Apr 2009
MOBILITY RADEON X1800	NA	130	NA	247	NA	NA	May 2009
GeForce Go 7600	NA	129	NA	221	NA	NA	Apr 2009
FireGL V7300	\$1,189.99*	128	0.11	322	NA	NA	Sep 2009
All-in-Wonder X1900	NA	127	NA	444	NA	NA	Oct 2009
GeForce 205	NA	126	NA	308	30.5	4	Nov 2010
GeForce 9300	NA	126	NA	384	NA	NA	Apr 2009
Radeon HD 3300	NA	126	NA	371	NA	NA	Apr 2009
GeForce 9400M G	NA	124	NA	301	12	10	Jul 2009
GeForce 999 GTX	NA	124	NA	214	NA	NA	Jul 2017
GeForce 8600M GS	NA	123	NA	266	20	6	Apr 2009
Radeon HD 7290M	NA	123	NA	89	NA	NA	Sep 2014
FireGL V7350	\$1,523.99*	122	0.08	356	NA	NA	Sep 2011
Radeon HD 4250	NA	122	NA	408	NA	NA	May 2012
Radeon HD 2400	NA	120	NA	297	NA	NA	Jan 2012
GeForce 9400M	NA	119	NA	293	NA	NA	Apr 2009
	NA	119	NA	357	25	4	Dec 2011

Card Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon HD 6400 XT Radeon HD 6250	NA	118	NA	505	NA	NA	Mar 2014
Intel Haswell HD - GT1	NA	118	NA	505	NA	NA	Mar 2014
Radeon HD 3450	\$72.99*	118	1.63	351	25	4	Oct 2011
RV530 PRO	NA	118	NA	385	NA	NA	Oct 2009
FireMV 2260	\$104.99*	117	1.12	487	15	7	Aug 2011
GeForce Go 7800	NA	116	NA	203	35	3	Apr 2009
Intel Media Accelerator HD	NA	116	NA	312	NA	NA	Nov 2011
Radeon X1700 Targa Edition	NA	116	NA	254	NA	NA	Oct 2012
Quadro FX 570	\$89.99*	115	1.28	402	38	3	Apr 2009
Radeon X1600 XT	NA	115	NA	355	42	2	Dec 2012
Radeon HD 2400 Pro	NA	114	NA	345	20	5	Oct 2011
FireGL V5200	NA	113	NA	345	NA	NA	Sep 2009
FireGL V7200	NA	113	NA	347	NA	NA	Feb 2010
GeForce 8400 GS	\$34.99	113	3.23	371	40	2	Aug 2012
GeForce G 105M	NA	113	NA	258	14	8	Apr 2009
Quadro FX 560	\$150.25*	113	0.76	359	30	3	Apr 2009
Radeon X1950 Pro	NA	113	NA	319	66	1	Sep 2009
FirePro 2260	NA	112	NA	428	NA	NA	Mar 2010
GeForce 6800	\$39.99*	112	2.82	258	NA	NA	Apr 2009
Intel HD Modded	NA	112	NA	302	NA	NA	Dec 2014
Radeon HD 4200	NA	112	NA	372	NA	NA	Aug 2012
Sapphire RADEON X800 GT	NA	112	NA	273	NA	NA	May 2009
Radeon HD 4270	NA	111	NA	304	NA	NA	Nov 2010
Radeon HD 2600 Pro AGP	NA	110	NA	137	NA	NA	Dec 2011
GeForce 6800 LE	NA	109	NA	166	NA	NA	Apr 2009
Radeon X1950 GT	NA	109	NA	286	57	1	Mar 2010
VIA/S3G Chrome 645/640 GPU	NA	109	NA	160	NA	NA	Mar 2012
GeForce 7300 GT	\$149.99*	108	0.72	325	NA	NA	Apr 2009
Quadro FX 370 LP	NA	108	NA	480	25	4	May 2012
GeForce Go 6800	NA	106	NA	204	NA	NA	Apr 2009
GeForce G 103M	NA	105	NA	280	14	7	Aug 2012
GeForce9400M	NA	105	NA	160	NA	NA	Oct 2009
M880G with Mobility Radeon HD 4250	NA	104	NA	269	NA	NA	Oct 2012
Mobility Radeon X1700	NA	104	NA	227	NA	NA	Jul 2010
PHDGD Qantic C3	NA	104	NA	356	NA	NA	Nov 2017
Quadro FX 3400/4400	NA	104	NA	238	101	1	Aug 2012
FireGL V3400	NA	103	NA	352	NA	NA	Sep 2009
GeForce 9500M	NA	103	NA	319	NA	NA	Apr 2009
Mobility Radeon HD 2400 XT	NA	103	NA	241	NA	NA	Dec 2011
Quadro FX 1400	NA	103	NA	293	70	1	Oct 2011
GeForce 6600 GT	\$64.95*	102	1.57	276	NA	NA	Jul 2010
GeForce 6800 GS/XT	NA	102	NA	195	NA	NA	Apr 2009
GeForce 6800 XT	NA	101	NA	381	NA	NA	Apr 2009
GeForce 9300 GE	\$22.99*	101	4.41	369	NA	NA	Apr 2009
Quadro FX Go1400	NA	101	NA	223	NA	NA	Apr 2009

Video Card Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
GeForce 8400							
GeForce G100	\$19.99*	99	4.99	357	NA	NA	Aug 2012
ION LE	NA	99	NA	98	NA	NA	Sep 2009
Quadro NVS 420	\$80.99	99	1.23	540	NA	NA	Jun 2009
Radeon X1600 Pro	NA	99	NA	274	41	2	Oct 2012
GeForce 6700 XL	NA	98	NA	236	NA	NA	Apr 2009
GeForce 8400M GT	NA	98	NA	254	14	7	Apr 2009
ION	\$229.99*	98	0.43	116	NA	NA	Jun 2009
Mobility Radeon HD 4250	NA	98	NA	279	NA	NA	Apr 2010
Radeon 3000	\$60.99*	98	1.62	415	NA	NA	Aug 2012
GeForce 9300GE	NA	97	NA	366	NA	NA	Apr 2009
Mobility Radeon HD 3430	NA	97	NA	257	NA	NA	May 2009
RADEON X800 XT	NA	97	NA	271	NA	NA	Aug 2012
Mobility Radeon HD serie 4200	NA	96	NA	226	NA	NA	Sep 2013
Quadro NVS 295	\$59.00	96	1.64	475	23	4	Apr 2009
GeForce 9300M GS	NA	94	NA	270	13	7	Apr 2009
GeForce G102M	NA	94	NA	264	NA	NA	Jul 2009
MEDION RADEON X740XL	NA	94	NA	228	NA	NA	Apr 2009
Quadro NVS 150M	NA	94	NA	327	10	9	Apr 2009
Mobility Radeon HD 3470	NA	93	NA	249	NA	NA	Apr 2009
Mobility Radeon HD 3470 Hybrid X2	NA	93	NA	205	NA	NA	Jun 2009
Quadro FX 370M	NA	93	NA	333	20	4	Apr 2009
FireGL V5100	NA	92	NA	250	NA	NA	Sep 2009
GeForce 8300	\$22.68*	92	4.06	328	NA	NA	Apr 2009
M880G with Mobility Radeon HD 4200	NA	92	NA	259	NA	NA	Oct 2009
Mobility Radeon HD 4270	NA	92	NA	282	NA	NA	Sep 2010
Mobility Radeon X1600	NA	92	NA	235	NA	NA	Apr 2009
nForce 780a SLI	NA	92	NA	425	NA	NA	Apr 2009
Quadro NVS 160M	NA	92	NA	312	12	7	Apr 2009
GeForce 9300 GS	\$59.95*	91	1.53	326	NA	NA	May 2009
GeForce G205M	NA	91	NA	293	NA	NA	Sep 2010
Mobility Radeon HD 3450	NA	91	NA	247	NA	NA	May 2009
Mobility Radeon HD 4200	NA	91	NA	260	NA	NA	Apr 2011
Quadro NVS 290	\$36.00	91	2.54	399	NA	NA	Apr 2009
Quadro NVS 450	\$168.00*	91	0.54	538	NA	NA	Apr 2009
RADEON X600XT	NA	91	NA	257	NA	NA	Dec 2009
Quadro NVS 140M	NA	90	NA	285	10	9	Apr 2009
Mobility Radeon HD 2400	NA	89	NA	212	NA	NA	Jan 2010
GeForce 6610 XL	NA	88	NA	287	NA	NA	May 2009
Quadro FX 360M	NA	87	NA	306	17	5	Apr 2009
Radeon X1300 PRO	NA	86	NA	316	NA	NA	Nov 2009
Quadro FX 350	NA	85	NA	377	21	4	Apr 2009
ALL-IN-WONDER X800 GT	NA	84	NA	186	NA	NA	Oct 2009
FireGL V3200	NA	84	NA	235	NA	NA	Aug 2009
GeForce 9200M GS	NA	84	NA	255	13	6	Apr 2009

Card Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Radeon X1650 Pro	\$160.89*	84	0.52	240	44	1	Jan 2010
RADEON X800 GT	NA	84	NA	423	NA	NA	Apr 2009
nForce 750a SLI	NA	83	NA	352	NA	NA	Dec 2009
Quadro FX 370	\$92.75*	83	0.90	384	35	2	Apr 2009
GeForce 8100 / nForce 720a	NA	82	NA	309	NA	NA	Apr 2009
GeForce 8400M GS	\$14.99*	82	5.48	248	11	7	Apr 2009
GeForce 9100	NA	82	NA	345	NA	NA	Apr 2009
Radeon HD 3200	NA	82	NA	226	NA	NA	Aug 2012
GeForce 9200M GE	NA	81	NA	227	NA	NA	Apr 2009
MOBILITY FireGL V5000	NA	81	NA	223	NA	NA	Oct 2009
Mobility Radeon 4100	NA	81	NA	264	NA	NA	May 2010
Mobility Radeon X2500	NA	81	NA	235	NA	NA	Oct 2009
nForce 980a/780a SLI	NA	81	NA	366	NA	NA	Aug 2009
RADEON X850 XT	NA	81	NA	326	NA	NA	Apr 2009
RADEON X850 XT Platinum Edition	NA	81	NA	261	NA	NA	Mar 2011
GeForce 9200	NA	80	NA	308	NA	NA	May 2009
Quadro FX 540	\$59.99*	80	1.35	293	35	2	Apr 2009
GeForce 8200	NA	79	NA	313	NA	NA	Apr 2009
RADEON X800GT	NA	79	NA	263	NA	NA	Apr 2009
Radeon HD 2350	NA	76	NA	262	20	3	Aug 2009
RADEON X800 GTO	NA	76	NA	298	NA	NA	Nov 2010
GeForce 9100M G	NA	75	NA	220	NA	NA	Apr 2009
M860G with Mobility Radeon 4100	NA	75	NA	199	NA	NA	Nov 2009
RADEON X700 PRO	NA	75	NA	302	NA	NA	May 2009
GeForce 7350 LE	NA	74	NA	281	NA	NA	Jun 2009
Radeon X1650 GTO	NA	74	NA	383	NA	NA	Oct 2009
Radeon 3100	\$149.99	73	0.49	226	NA	NA	Aug 2012
RADEON X700	NA	73	NA	254	NA	NA	Mar 2010
RADEON X800 PRO/GTO	NA	73	NA	180	NA	NA	Nov 2009
RADEON X850 PRO	NA	72	NA	156	NA	NA	Nov 2010
Intel G41 Express Chipset v2	NA	71	NA	321	NA	NA	Jun 2013
M880G with Mobility Radeon HD 4225	NA	71	NA	183	NA	NA	Jun 2010
Radeon X1650 SE	NA	71	NA	357	NA	NA	Apr 2009
RADEON X700 SE	NA	71	NA	348	NA	NA	Jul 2009
FireGL V3300	NA	70	NA	326	NA	NA	Apr 2009
Radeon X550XTX	NA	70	NA	240	NA	NA	Oct 2009
GeForce 7500 LE	NA	69	NA	258	NA	NA	Aug 2012
GeForce Go 6600	NA	69	NA	212	NA	NA	Apr 2009
Intel G45/G43 Express Chipset	NA	69	NA	313	24	2	Apr 2009
Quadro FX 3000	\$166.60*	69	0.41	178	NA	NA	Apr 2009
Radeon X1600 Pro / X1300XT	NA	69	NA	285	NA	NA	Jan 2010
RADEON X800 XL	NA	69	NA	270	NA	NA	Mar 2011
GeForce 8400 SE	NA	68	NA	290	NA	NA	May 2009
256MB RADEON X600	NA	67	NA	252	NA	NA	Apr 2009



Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
GeForce Go 7300	NA	50	NA	396	NA	NA	Aug 2012
Matrox G200eW WDDM 1.2	NA	50	NA	396	NA	NA	Feb 2014
Mobility Radeon HD 2300	NA	50	NA	211	NA	NA	Oct 2012
RADEON X550	NA	50	NA	265	NA	NA	Jul 2009
128MB RADEON X600 SE	NA	49	NA	228	NA	NA	Oct 2009
MOBILITY RADEON X600	NA	49	NA	210	NA	NA	Apr 2009
MOBILITY RADEON X600 SE	NA	49	NA	233	NA	NA	Oct 2009
Radeon X1050	NA	49	NA	244	NA	NA	Apr 2009
Radeon X1600	NA	49	NA	208	NA	NA	May 2009
Mobility Radeon X2300	NA	48	NA	263	NA	NA	Sep 2012
Mobility Radeon X2300 HD	NA	48	NA	243	NA	NA	Jun 2009
Mobile Intel - famiglia Express Chipset serie 4	NA	47	NA	222	NA	NA	Dec 2013
Quadro NVS 110M	NA	47	NA	236	10	4	Apr 2009
SAPPHIRE RADEON 9600 ATLANTIS	NA	47	NA	148	NA	NA	May 2009
Mobile Intel 45 Express-Chipsatzfamilie	NA	46	NA	266	NA	NA	Oct 2011
MOBILITY RADEON 9800	NA	46	NA	109	NA	NA	Jul 2009
Quadro NVS 120M	NA	46	NA	273	10	4	May 2009
Radeon X1550 64-bit	NA	46	NA	256	NA	NA	Dec 2009
FireMV 2250	\$105.99*	45	0.43	290	NA	NA	Aug 2009
GeForce Go 7200	NA	45	NA	198	NA	NA	Aug 2012
128 DDR Radeon 9700 TX w/TV-Out	NA	44	NA	151	NA	NA	Mar 2011
GeForce 6200	\$39.99*	44	1.11	162	NA	NA	Apr 2009
GeForce Go 6600 TE/6200 TE	NA	44	NA	222	NA	NA	May 2009
Mobile Intel 4 Express-Chipsatzfamilie	NA	44	NA	251	NA	NA	Apr 2013
Mobile Intel serie 4 Express	NA	44	NA	232	NA	NA	Mar 2013
MOBILITY FireGL V5200	NA	44	NA	248	NA	NA	Aug 2012
GeForce 7100 GS	NA	43	NA	284	NA	NA	Apr 2009
Mobile Intel 45 Express	NA	43	NA	228	NA	NA	Dec 2010
Mobility Radeon X1400	NA	43	NA	226	NA	NA	Apr 2009
Matrox G200eW	NA	42	NA	308	NA	NA	Mar 2012
Radeon Xpress 1250	NA	42	NA	196	NA	NA	Aug 2012
GeForce 7300 SE/7200 GS	NA	41	NA	304	NA	NA	Oct 2009
GeForce FX 5700	NA	41	NA	169	NA	NA	Apr 2009
GeForce FX 5900 Ultra	NA	41	NA	170	NA	NA	May 2009
RADEON 9500 PRO / 9700	NA	41	NA	157	NA	NA	Apr 2009
GeForce FX 5900XT	NA	40	NA	133	NA	NA	Apr 2009
Matrox G200eh	NA	40	NA	449	NA	NA	Nov 2013
GeForce 6200 TurboCache	NA	39	NA	275	NA	NA	Apr 2009
GeForce 7300 SE	NA	39	NA	250	NA	NA	Apr 2009
GIGABYTE RADEON 9600 PRO	NA	39	NA	129	NA	NA	Jul 2009
MOBILITY FIREGL T2	NA	39	NA	165	NA	NA	Oct 2009
MOBILITY RADEON 9600/9700	NA	39	NA	165	NA	NA	Nov 2010
Mobility Radeon X1300	NA	39	NA	221	NA	NA	Sep 2009
Mobility Radeon X1350	NA	39	NA	274	NA	NA	May 2009
S3 Chrome 430 ULP	NA	39	NA	309	NA	NA	Jun 2009
Quadro NVS 285 128MB	\$55.00*	38	0.70	312	NA	NA	Oct 2009



Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Quadro NVS 440	\$141.45*	38	0.27	369	NA	NA	Apr 2009
RADEON X300SE	NA	38	NA	240	NA	NA	Apr 2009
GeForce 6500	NA	37	NA	307	NA	NA	Apr 2009
Mobile Intel - famiglia Express Chipset 45	NA	37	NA	269	NA	NA	Oct 2011
Radeon X1250	NA	37	NA	199	NA	NA	May 2009
FireMV 2200 PCIe	\$89.99*	36	0.40	259	NA	NA	Mar 2011
Matrox G200eR	NA	36	NA	400	NA	NA	Oct 2013
RADEON 9500	\$40.50*	36	0.90	173	NA	NA	Jun 2011
Quadro FX 1100	\$212.99*	35	0.17	177	NA	NA	Apr 2009
Quadro NVS 285	\$111.25	35	0.32	333	NA	NA	Mar 2012
RADEON 9600 XT	NA	35	NA	146	NA	NA	Dec 2009
Radeon Xpress 1200	NA	35	NA	191	NA	NA	May 2009
GeForce FX 5700 Ultra	NA	34	NA	126	NA	NA	Apr 2009
GeForce FX 5900	NA	34	NA	187	NA	NA	Apr 2009
GeForce PCX 5750	NA	34	NA	310	NA	NA	Jun 2010
Quadro FX 1000	NA	34	NA	265	NA	NA	Apr 2009
Quadro FX 1300	NA	34	NA	276	55	0	Apr 2009
RADEON 9550	\$31.88*	34	1.08	144	NA	NA	Jul 2009
Radeon Xpress 1100	NA	34	NA	186	NA	NA	Apr 2009
GeForce 7150 / nForce 630i	NA	33	NA	254	NA	NA	Mar 2012
GeForce FX 5700VE	NA	33	NA	161	NA	NA	Apr 2009
MOBILITY FIREGL T2/T2e	NA	33	NA	171	NA	NA	Feb 2012
Mobility Radeon X1450	NA	33	NA	205	NA	NA	Apr 2009
MOBILITY RADEON X300	NA	33	NA	203	NA	NA	Apr 2009
GeForce 6200 A-LE	NA	32	NA	192	NA	NA	Apr 2009
Intel Media Accelerator	NA	32	NA	78	NA	NA	Jul 2015
Radeon X1200	NA	32	NA	169	NA	NA	Oct 2010
GeForce 7050 / nForce 620i	NA	31	NA	250	NA	NA	Jun 2009
GeForce 7100 / nForce 630i	NA	31	NA	301	NA	NA	Jun 2009
Radeon X1270	NA	31	NA	170	NA	NA	Oct 2010
Red Hat QXL controller	NA	31	NA	270	NA	NA	Sep 2015
FireGL T2-128	NA	30	NA	178	NA	NA	Sep 2009
Intel G35 Express	NA	30	NA	319	NA	NA	Sep 2010
OpenXT Display Driver	NA	30	NA	485	NA	NA	Aug 2016
GeForce 6200SE TurboCache	NA	29	NA	269	NA	NA	Apr 2009
Radeon 9550 / X1050	NA	29	NA	149	NA	NA	May 2010
Radeon Xpress 1150	NA	29	NA	192	NA	NA	Aug 2009
RADEON XPRESS 200	NA	29	NA	188	NA	NA	Oct 2009
GeForce 7050 / nForce 610i	NA	27	NA	287	NA	NA	May 2009
GeForce 7050 / nForce 630i	NA	27	NA	281	NA	NA	Feb 2010
Matrox M9138 LP PCIe x16	NA	27	NA	317	NA	NA	Nov 2009
MOBILITY FireGL V5250	NA	27	NA	251	NA	NA	Apr 2009
MOBILITY RADEON 9700	NA	27	NA	160	NA	NA	Apr 2009
RADEON 9600SE	NA	27	NA	142	NA	NA	May 2009
GeForce 6200 LE	\$41.24*	26	0.65	285	NA	NA	Aug 2012

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
MOBILITY RADEON XPRESS 200							
RADEON 9600 PRO Family	NA	26	NA	148	NA	NA	Dec 2010
Radeon Xpress 1270	NA	26	NA	191	NA	NA	Nov 2009
GeForce 6100 nForce 400	NA	25	NA	241	NA	NA	Jun 2009
GeForce 6100 nForce 420	NA	25	NA	234	NA	NA	Jul 2009
GeForce 7025 / nForce 630a	NA	25	NA	332	NA	NA	Mar 2012
PHDGD Sapphire GR for Mobile Intel 965	NA	25	NA	243	NA	NA	Dec 2017
RADEON 9600 Family	NA	25	NA	149	NA	NA	Apr 2009
GeForce 6150SE	NA	24	NA	265	NA	NA	Apr 2009
GeForce FX 5700LE	NA	24	NA	144	NA	NA	Apr 2009
GeForce Go 6400	NA	24	NA	211	NA	NA	Apr 2009
Mobile Intel 965 Express-Chipsatzfamilie	NA	24	NA	203	NA	NA	Jul 2014
MOBILITY RADEON 9600 PRO TURBO	NA	24	NA	137	NA	NA	May 2009
GeForce 6100 nForce 430	NA	23	NA	249	NA	NA	Apr 2009
Quadro NVS 210S	NA	23	NA	264	NA	NA	Nov 2009
RADEON 9800 SE	NA	23	NA	131	NA	NA	May 2009
Chell 1.8a for Mobile Intel 965	NA	22	NA	207	NA	NA	Jun 2016
GeForce 6100 nForce 405	NA	22	NA	211	NA	NA	Apr 2009
GeForce 6150SE nForce 430	NA	22	NA	269	NA	NA	Aug 2012
GeForce 7050 PV / nForce 630a	NA	22	NA	264	NA	NA	Jun 2009
RADEON XPRESS 200M	NA	22	NA	176	NA	NA	Apr 2009
GeForce 6100	NA	21	NA	209	NA	NA	Apr 2009
GeForce 6150	\$149.99	21	0.15	250	NA	NA	Jan 2012
GeForce 6150 LE	NA	21	NA	221	NA	NA	May 2012
Matrox M9140 LP PCIe x16	NA	21	NA	378	NA	NA	May 2009
Mobile Intel 965 Express	NA	20	NA	218	NA	NA	Jan 2010
PHDGD Solo 2 x64	NA	20	NA	183	NA	NA	Jun 2016
Quadro NVS 210S / GeForce 6150LE	NA	20	NA	272	NA	NA	Sep 2009
GeForce 7150M / nForce 630M	NA	18	NA	193	NA	NA	Apr 2009
GeForce Go 6100	NA	18	NA	180	NA	NA	Apr 2009
Intel G965 Express	NA	18	NA	229	NA	NA	Apr 2009
RADEON 9600 TX Family	NA	18	NA	138	NA	NA	Sep 2010
S3 Chrome S25 DDR2	NA	18	NA	251	NA	NA	Oct 2011
GeForce FX 5600 Ultra	NA	17	NA	121	NA	NA	Apr 2009
GeForce FX Go 5600	NA	17	NA	186	NA	NA	Sep 2009
GeForce Go 6150	NA	17	NA	179	NA	NA	Oct 2009
Chell 1.7b for Intel G33/G31	NA	16	NA	348	NA	NA	Nov 2015
GeForce FX Go5650	NA	16	NA	210	NA	NA	May 2009
GeForce Go 6200	NA	15	NA	202	NA	NA	Apr 2009
Chell 1.8b for Mobile Intel 965	NA	14	NA	216	NA	NA	Jul 2016
Quadro FX 500/600 PCI	NA	14	NA	203	NA	NA	Apr 2009
Radeon HD 2400 PCI	NA	14	NA	85	NA	NA	Apr 2009
FireMV 2400 PCIe	NA	13	NA	289	NA	NA	Jan 2011
GeForce 7000M	NA	13	NA	238	NA	NA	Feb 2010
GeForce 7000M / nForce 610M	NA	12	NA	187	NA	NA	Apr 2009

Record Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
GeForce FX 5200 Ultra	NA	12	NA	165	NA	NA	Apr 2009
GeForce FX 5600	NA	12	NA	159	NA	NA	Aug 2009
GeForce FX Go5300	NA	12	NA	301	NA	NA	Jan 2010
Intel G33/G31 Express	NA	11	NA	193	NA	NA	Sep 2013
GeForce FX 5200SE	NA	11	NA	331	NA	NA	Apr 2009
Intel Q33 Express	NA	11	NA	261	NA	NA	Feb 2010
Matrox M9148 LP PCIe x16	NA	11	NA	168	NA	NA	Feb 2015
PHDGD Solo 1.2.0 x86	NA	11	NA	312	NA	NA	Sep 2016
RGH Drivers v3	NA	10	NA	316	NA	NA	Apr 2009
Intel Q35 Express	NA	10	NA	304	NA	NA	Apr 2009
Matrox Millennium P690 PCIe x16	NA	10	NA	117	NA	NA	Jul 2010
VIA Chrome9 HD IGP	NA	9	NA	276	NA	NA	Mar 2016
Chell 1.7b for Intel 945G	NA	9	NA	165	NA	NA	Apr 2009
GeForce FX 5600XT	NA	9	NA	140	NA	NA	Nov 2009
Matrox Parhelia 256MB	NA	8	0.22	151	NA	NA	Apr 2009
GeForce FX 5500	\$36.99*	8	0.22	151	NA	NA	Apr 2009
GeForce FX Go 5200	NA	8	NA	192	NA	NA	Jun 2010
Chell 1.8b for Intel G33/G31	NA	7	NA	299	NA	NA	Jul 2016
Famille de jeu de puces Express Intel 946GZ	NA	7	NA	230	NA	NA	Apr 2016
GeForce FX 5200	\$69.99*	7	0.11	154	NA	NA	Sep 2010
GeForce FX 5200LE	\$42.99*	7	0.16	170	NA	NA	May 2009
GeForce4 Ti 4400	NA	7	NA	170	NA	NA	Apr 2009
GeForce4 Ti 4800 SE	NA	7	NA	193	NA	NA	May 2009
Intel US15 Embedded Media and Controller	NA	7	NA	66	NA	NA	Sep 2015
MOBILITY RADEON 9000 IGP	NA	7	NA	143	NA	NA	Dec 2009
Quadro FX 500/FX 600	NA	7	NA	150	NA	NA	Apr 2009
Chell 1.7b for Mobile Intel 945	NA	6	NA	217	NA	NA	Oct 2015
GeForce PCX 5300	NA	6	NA	197	NA	NA	May 2009
GeForce4 MX Integrated GPU	NA	6	NA	198	NA	NA	Apr 2009
Intel 946GZ Express	NA	6	NA	248	NA	NA	Apr 2009
Intel Media Accelerator 600	NA	6	NA	58	NA	NA	Jun 2011
Intel Q965/Q963 Express	NA	6	NA	237	NA	NA	Apr 2009
Matrox Millennium P690 Plus LP PCIe x16	NA	6	NA	251	NA	NA	Sep 2009
MOBILITY RADEON 7000 IGP	NA	6	NA	151	NA	NA	Apr 2009
Quadro NVS 55/280 PCI	NA	6	NA	116	NA	NA	May 2009
Quadro4 380 XGL	NA	6	NA	225	NA	NA	Jul 2009
RADEON 9100 Family	NA	6	NA	162	NA	NA	Jun 2009
RADEON IGP 350M	NA	6	NA	136	NA	NA	Aug 2009
ALL-IN-WONDER RADEON 8500DV	NA	5	NA	132	NA	NA	Dec 2010
GeForce 256	\$42.04*	5	0.12	200	NA	NA	Apr 2009
GeForce4 420 Go 32M	NA	5	NA	164	NA	NA	Apr 2009
GeForce4 440 Go 64M	NA	5	NA	155	NA	NA	May 2009
GeForce4 448 Go	NA	5	NA	199	NA	NA	May 2009
GeForce4 460 Go --MobileForce M4 Stock--	NA	5	NA	182	NA	NA	Jun 2013
GeForce4 Ti 4200	NA	5	NA	154	NA	NA	Apr 2009

Video Card Name	Price <sup>1</sup>	G3D Mark <sup>2</sup>	Videocard Value <sup>2</sup>	G2D Mark <sup>3</sup>	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Intel 82915G Express	NA	5	NA	206	NA	NA	Mar 2010
Intel 82945G Express	NA	5	NA	211	NA	NA	Apr 2009
Matrox Millennium P650 PCIe 128	NA	5	NA	286	NA	NA	Nov 2009
Matrox Parhelia APVe	NA	5	NA	274	NA	NA	Nov 2009
Mobile Intel 945GM Express	NA	5	NA	223	NA	NA	Sep 2011
Mobile Intel 945GM/GU Express	NA	5	NA	240	NA	NA	Sep 2011
MOBILITY RADEON 9000/9100 IGP	NA	5	NA	118	NA	NA	May 2009
Quadro 280 NVS PCIe	NA	5	NA	184	NA	NA	Jun 2009
Quadro4 980 XGL	\$341.43*	5	0.01	180	NA	NA	Apr 2009
RADEON 9100 IGP	NA	5	NA	127	NA	NA	Sep 2010
SIS 760	NA	5	NA	62	NA	NA	May 2009
VIA/S3G UniChromell	NA	5	NA	225	NA	NA	Dec 2009
Xabre	NA	5	NA	28	NA	NA	Jan 2012
ALL-IN-WONDER 9000	NA	4	NA	102	NA	NA	Dec 2009
Chell 1.7b for Intel GMA 3150	NA	4	NA	171	NA	NA	Jun 2017
GeForce2 Integrated GPU	NA	4	NA	170	NA	NA	Apr 2009
GeForce2 Ti	NA	4	NA	148	NA	NA	May 2009
GeForce3	NA	4	NA	120	NA	NA	Apr 2009
GeForce3 Ti 200	NA	4	NA	140	NA	NA	Apr 2009
GeForce4 MX 4000	NA	4	NA	131	NA	NA	Apr 2009
GeForce4 MX 420	NA	4	NA	170	NA	NA	Apr 2009
GeForce4 MX 440	NA	4	NA	138	NA	NA	Jul 2009
GeForce4 MX 440 with AGP8X	NA	4	NA	156	NA	NA	Apr 2009
GeForce4 MX 440SE	NA	4	NA	158	NA	NA	Apr 2009
GeForce4 MX 460	NA	4	NA	176	NA	NA	May 2009
Intel 82865G Controller	NA	4	NA	194	NA	NA	May 2009
Mobile Intel 915GM/GMS/910GML Express	NA	4	NA	203	NA	NA	Dec 2012
Mobile Intel 945 Express	NA	4	NA	181	NA	NA	Jan 2011
MOBILITY/RADEON 9000	NA	4	NA	153	NA	NA	Dec 2011
RADEON 7500 Family	NA	4	NA	124	NA	NA	Oct 2009
SIS 661FX/GX Mirage	NA	4	NA	37	NA	NA	Apr 2012
SIS 661FX_760_741_M661FX_M760_M741	NA	4	NA	33	NA	NA	Aug 2010
SIS 741	NA	4	NA	50	NA	NA	Nov 2010
SIS M661MX	NA	4	NA	43	NA	NA	Jan 2011
SIS Mirage	NA	4	NA	51	NA	NA	Apr 2012
VIA Chrome9 HC IGP	NA	4	NA	168	NA	NA	Apr 2009
VIA/S3G KM400/KN400	NA	4	NA	124	NA	NA	Apr 2009
VIA/S3G UniChrome IGP	NA	4	NA	162	NA	NA	Apr 2009
VIA/S3G UniChrome Pro IGP	NA	4	NA	164	NA	NA	Apr 2009
ABIT Siluro T400	NA	3	NA	151	NA	NA	Nov 2015
GeForce2 GTS/GeForce2 Pro	NA	3	NA	135	NA	NA	Feb 2012
GeForce2 MX 100/200	NA	3	NA	119	NA	NA	Sep 2009
GeForce2 MX/MX 400	NA	3	NA	128	NA	NA	Jul 2009
GeForce4 420 Go	NA	3	NA	146	NA	NA	May 2010

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
GeForce4 4200 Go	NA	3	NA	139	NA	NA	Apr 2009
GeForce4 440 Go	NA	3	NA	141	NA	NA	Jun 2010
Intel 82915G/GV/910GL Express	NA	3	NA	20	NA	NA	Jun 2010
Intel 865 Embedded Controller	NA	3	NA	66	NA	NA	May 2017
Intel 946GZ Embedded Chipset Function 0	NA	3	NA	86	NA	NA	Dec 2009
Intel Media Accelerator 3150	NA	3	NA	70	NA	NA	Feb 2011
Intel Media Accelerator 500	NA	3	NA	103	NA	NA	Nov 2009
MOBILITY RADEON 7500	NA	3	NA	110	NA	NA	May 2009
MOBILITY RADEON 9000	NA	3	NA	144	NA	NA	Mar 2011
MOBILITY RADEON 9200	NA	3	NA	107	NA	NA	Jun 2010
RADEON 7000 / RADEON VE Family	NA	3	NA	107	NA	NA	Jun 2010
RADEON 7500	\$32.12*	3	0.10	34	NA	NA	Jan 2012
RADEON 9000 Family	NA	3	NA	123	NA	NA	Feb 2010
RADEON 9200	\$39.95*	3	0.09	135	NA	NA	Oct 2009
Radeon IGP 320M	NA	3	NA	101	NA	NA	Sep 2009
Rage Fury Pro/Xpert 2000 Pro	NA	3	NA	52	NA	NA	May 2009
RIVA TNT2 Model 64/Model 64 Pro	NA	3	NA	107	NA	NA	Sep 2009
RIVA TNT2/TNT2 Pro	NA	3	NA	70	NA	NA	Apr 2009
Sherry 1.3.2 beta for 945 chipsets	NA	3	NA	159	NA	NA	Jun 2012
SiS 650_651_M650_M652_740	NA	3	NA	34	NA	NA	May 2010
SiS 661FX	NA	3	NA	40	NA	NA	Oct 2011
SiS M760GX	NA	3	NA	53	NA	NA	Jul 2010
Vanta/Vanta LT	NA	3	NA	91	NA	NA	Apr 2009
VIA Chrome9 HC IGP Family	NA	3	NA	177	NA	NA	Apr 2009
VIA Chrome9 HC IGP Family WDDM	NA	3	NA	164	NA	NA	Apr 2009
VIA/S3G DeltaChrome IGP	NA	3	NA	124	NA	NA	Apr 2009
Chell 1.8b for Mobile Intel 945	NA	2	NA	93	NA	NA	Aug 2016
GeForce2 MX	NA	2	NA	143	NA	NA	Jul 2011
GeForce3 TI 500	NA	2	NA	115	NA	NA	Nov 2009
Intel 82845G Controller	NA	2	NA	131	NA	NA	Apr 2009
Intel 82845G/GL Controller	NA	2	NA	176	NA	NA	Apr 2009
Intel 82845G/GL/GE/PE/GV Controller	NA	2	NA	158	NA	NA	Apr 2009
MOBILITY RADEON 9100 IGP	NA	2	NA	128	NA	NA	Oct 2009
Quadro NVS 280 SD	NA	2	NA	118	NA	NA	May 2009
RADEON 9200 LE Family	NA	2	NA	127	NA	NA	Feb 2010
RADEON 9200 PRO Family	NA	2	NA	134	NA	NA	Nov 2011
RADEON 9200 SE	NA	2	NA	128	NA	NA	Mar 2010
RADEON 9250	\$42.99*	2	0.06	126	NA	NA	May 2009
Radeon IGP 340M	NA	2	NA	102	NA	NA	Apr 2009
RADEON IGP 345M	NA	2	NA	82	NA	NA	Jun 2009
SiS 651	NA	2	NA	29	NA	NA	Aug 2010
SiS Mirage 3	NA	2	NA	149	NA	NA	May 2010
VIA Chrome9 HC IGP Prerelease WDDM 1.1	NA	2	NA	121	NA	NA	Sep 2009
VIA Chrome9 HC IGP WDDM	NA	2	NA	143	NA	NA	Jun 2009
VIA Chrome9 HC IGP WDDM 1.1	NA	2	NA	147	NA	NA	Nov 2009
SiS 661FX	NA	1	NA	124	NA	NA	Dec 2016

Videocard Name	Price <sup>1</sup>	G3D Mark	Videocard Value <sup>2</sup>	G2D Mark	TDP (W)	Power Perf. <sup>4</sup>	Test Date <sup>5</sup>
Quadro2 Pro	NA	1	NA	143	NA	NA	Apr 2009
RAGE 128 PRO AGP 4X TMDS	NA	1	NA	142	NA	NA	Apr 2009
S3 ProSavageDDR	NA	1	NA	39	NA	NA	Apr 2009
Sherry 1.3 for GMA 3150	NA	1	NA	90	NA	NA	Jul 2011
SIS 630/730	NA	1	NA	27	NA	NA	Apr 2009
VIA Chrome9 HCM IGP	NA	1	NA	94	NA	NA	Oct 2009

**Notes:**

<sup>1</sup> Price is obtained from our affiliates. "\*" after the price denotes the last seen price for products that are no longer available.

<sup>2</sup> Videocard Value is calculated by taking G3D Mark / Price.

<sup>4</sup> Power Performance is calculated by taking G3D Mark / TDP.

<sup>5</sup> Test Date is the date of our first benchmark submission.

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