Mid-to-High Range Video Card Chart

This chart made up of thousands of PerformanceTest benchmark results and is updated daily with new graphics card benchmarks. The mid to high range chart typically contains video cards that are a couple of years old and includes ATI cards (such as older ATI Radeon models), nVidia cards (such as older nVidia GeForce and Quadro models) and better performing Integrated Display Adapters from Intel, Asus and other manufacturers.

VIDEO CARD

High End

High Mid Range

Low Mid Range

Low End

Best Value

Common

Market Share (30 Days)

Compare 0

Video Card Mega List

Search Model

GPU Compute Video Card Chart

PassMark - G3D Mark

High Mid Range Videocards

Videocard	Average G3D Mark	Price (USD)
Intel UHD P630	1,378	NA
GeForce 940MX	1,377	NA
Radeon R7 PRO A12-8870	1,376	NA
Radeon R7 430	1,373	111.83
Radeon HD 7850M	1,373	NA
FirePro M40003	1,364	NA
Radeon HD 8670D + 6670 Dual	1,361	NA
Intel UHD 630	1,350	NA
Quadro K2100M	1,348	159.95*
Radeon HD 7560D + HD 7700 Dual	1,347	NA
Intel Iris 540	1,343	NA
FireStream 9270	1,341	NA
FirePro W4170M	1,340	NA
Radeon R7 PRO A12-9800	1,336	NA
Radeon R7 PRO A10-8770	1,320	NA
Radeon HD 6750	1,317	49.99*
Quadro 2000	1,316	75.39
Radeon HD 8790M	1,316	NA
FirePro M5950	1,314	NA
Radeon HD 4870 X2	1,309	NA
FirePro V4900	1,309	144.99*
Radeon 535	1,307	NA
Radeon R7 M465	1,306	NA
GeForce GT 750M	1,300	NA
Intel Iris Pro P6300	1,292	NA
Radeon R9 M265X	1,290	NA
GeForce GT 545	1,289	55.59*
GeForce GT 640	1,282	59.99*
GeForce GTX 760A	1,281	NA
Radeon R7 PRO A10-9700	1,281	NA
Radeon R7 A370	1,281	NA

Video Card

Radeon R7 + R7 200 Dual	1,279	NA
Quadro 2000D	1,279	48.00*
Radeon R7 M350	1,275	NA
GeForce GTX 285	1,274	179.99*
FirePro 3D V8750	1,272	1,230.99*
Radeon HD 8570D + HD 6670 Dual	1,261	NA
Mobility Radeon HD 5870	1,253	NA
GeForce 930MX	1,251	NA
Radeon R7 A12-9800 RADEON	1,246	NA
GeForce GTX 275	1,245	119.99*
Intel UHD	1,243	NA
Quadro 2000 D	1,239	NA
Radeon R9 M375	1,239	NA
Radeon HD 8570D + 6570 Dual	1,239	NA
Radeon HD 7660D + 6670 Dual	1,238	NA
GeForce GT 650M	1,235	NA
GeForce 930A	1,225	NA
Radeon HD 8670D + HD 6670 Dual	1,222	NA
Radeon HD 8790M / R9 M290X	1,211	NA
GeForce GTX 280	1,209	522.78*
FirePro 3D V8700	1,206	199.99*
Radeon HD 7750M	1,191	NA
GeForce GT 745A	1,180	NA
Intel Iris Pro 5200	1,172	NA
FirePro 3D V4800	1,168	159.99*
Radeon R7 A10-9700 RADEON	1,166	NA
FireStream 9250	1,165	NA
Barco MXRT 5400	1,161	NA
Radeon R7 PRO A12-8870E	1,160	NA
Intel Coffee Lake UHD	1,158	NA
Radeon R7 A10-7890K	1,152	NA
GeForce 845M	1,152	NA
GeForce GPU	1,152	NA
Radeon R7 PRO A10-8770E	1,148	NA
Radeon R7 PRO A10-9700E	1,143	NA
Intel HD 630	1,141	NA
Radeon HD 8850M / R9 M265X	1,140	NA
GeForce GTX 260	1,137	95.38*
Radeon R7 M460	1,137	NA
Radeon HD 4850 X2	1,132	NA
Radeon HD 7560D + 6670 Dual	1,131	NA
Radeon HD 7670	1,124	NA
Radeon R7 A10-7870K	1,124	NA
RadeonT R5 430	1,124	NA
Radeon R7 M260X	1,116	NA
Radeon R9 M275	1,115	699.99*
Radeon R7 A10-8850	1,115	NA
FirePro M4150	1,114	NA
Quadro FX 5800	1,110	178.89*
Radeon R7 A12-9800E RADEON	1,106	NA
Radeon R7 A10-9700E RADEON	1,100	NA
Radeon HD 7660D + 6570 Dual	1,100	NA
Radeon Vega 3 Mobile	1,098	NA

Video Card

Quadro M500M	1,096	NA
GeForce 920MX	1,096	NA
Radeon HD 5670	1,088	47.84*
Quadro K2000M	1,081	144.04*
Radeon R7 A8-9600 RADEON	1,079	NA
Radeon R5 PRO A6-8570 2C+6G	1,079	NA
Intel UHD Graphics 620	1,076	NA
Radeon R7 Opteron X3421	1,076	NA
Radeon R7 PRO A10-9700B	1,067	NA
Radeon HD 8750M	1,066	NA
FirePro M4170	1,066	NA
Radeon HD 6670	1,062	102.99*
Intel HD P530	1,062	NA
Radeon HD 7660D + 7670 Dual	1,062	NA
Radeon HD 7520G + 7700M Dual	1,061	NA
Firepro M4100	1,059	NA
Radeon Vega 3	1,056	399.99
GeForce GT 445M	1,055	NA
Radeon R5 340	1,055	NA
GeForce GTX 295	1,053	159.99*
Radeon R7 M445	1,052	NA
Radeon HD 7670A	1,050	NA
GeForce GTX 850A	1,050	NA
Radeon R7 PRO A8-9600	1,049	NA
Quadro K1100M	1,047	49.95*
Radeon R7 340	1,047	NA
Radeon HD 8730M	1,047	NA
Radeon R7 + R7 240 Dual	1,045	NA
Quadro 2000M	1,034	46.56*
Radeon HD 4770	1,033	NA
Radeon HD 8570D + HD 8570 Dual	1,033	NA
Radeon R7 FX-8800P	1,031	NA
GeForce 940A	1,031	NA
Radeon HD 8600/8700M	1,030	NA
Radeon HD7570	1,029	NA
Radeon R7 + R5 330 Dual	1,028	NA
Radeon R7 A8-7500	1,028	NA
Radeon R5 430	1,027	NA
Radeon HD 4850	1,021	89.99*
Radeon R7 A10-7850K	1,021	NA
Radeon 535DX	1,020	NA
Radeon HD 8670D + R7 240 Dual	1,020	NA
Radeon HD 6700M	1,017	NA
Radeon R7 PRO A12-9800E	1,015	NA
Radeon R5 A6-9500 2C+6G	1,014	NA
Intel HD 530	1,010	NA
Radeon HD 7690M XT	1,009	NA
GeForce 940M	1,007	NA
GeForce 830A	1,005	NA
Radeon HD 7690M	1,003	NA
Quadro FX 4800	1,002	139.99*
Radeon HD 7730M	1,000	NA
Radeon HD 8570D + R7 200 Dual	999	NA
Radeon HD 7660G + HD		

7500M/7600M Dual	999	NA
Radeon HD 7640G + HD 8750M	997	NA

Video Card

Radeon HD 8570	994	NA
Barco MXRT 5450	993	NA
Radeon R7 A265	987	NA
Radeon HD 8690M	984	NA
Radeon HD 7560D + 7560D Dual	983	NA
GeForce GT 745M	980	NA
Radeon HD 7570	980	NA
Intel Iris 6100	978	NA
Radeon R7 A10-8750	976	NA
Radeon R7 240	975	54.99
Radeon R7 A10-7860K	974	NA
Radeon E6760	973	239.99*
Radeon HD 8850M	973	NA
GeForce GT 640M	971	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	967	NA
GeForce 930M	965	NA
Radeon HD 6770M	964	NA
Radeon HD 8570D + R7 240 Dual	964	NA
Radeon R7 A10 PRO-7850B	962	NA
Radeon R7 M440	961	NA
Radeon R6 Opteron X3418	955	NA
Radeon R7 PRO A10-8750B	954	NA
Radeon HD 5600/5700	951	NA
Radeon HD 8670D + R7 200 Dual	950	NA
Quadro CX	947	149.95*
Radeon HD 4830	946	59.99*
Radeon R7 PRO A10-8850B	945	NA
Radeon HD 7660D + R7 240 Dual	942	NA
NVS 810	940	624.99*
Radeon HD 6750M	937	NA
Intel HD Graphics 620	936	NA
Quadro K620M	933	NA
Radeon HD 7660G + 7730M Dual	931	NA
GeForce 840M	930	NA
Radeon R7 240 + HD 8670D Dual	930	NA
Radeon R7 A12-9720P RADEON	925	NA
Radeon R7 A8-7600	923	NA
GeForce GT 730	922	84.99
GeForce 920A	919	NA
Radeon R7 240 + HD 8570D Dual	918	NA
GeForce GT 645M	915	NA
Radeon R7 A8-7680	914	NA
GeForce GT 635	913	NA
GRID K220Q	912	NA
Radeon R7 A8-8650	911	NA
Radeon HD 8650G	910	NA
GeForce 830M	909	NA
Radeon R5 PRO A6-9500 2C+6G	907	NA
FirePro W2100	905	113.99*
Radeon R7 M365X	905	NA
GeForce 9800 GTX+	897	NA

Radeon R7 A10-7700K	896	NA
GeForce GT 555M	892	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	886	NA
Radeon R9 M385X	886	NA
Radeon HD 8650G + 7670M Dual	884	NA
Radeon R7 PRO A12-8830B	883	NA
Radeon HD 7660G + HD 7730M Dual	882	NA
GeForce 9800 GTX/9800 GTX+	879	89.99*
GeForce 840A	878	NA
Intel UHD 617	878	NA
Radeon R5 PRO A6-9500E 2C+4G	877	NA
Radeon R7 A8-7670K	877	NA
GeForce GTS 250	875	114.99*
FirePro V3900	875	129.99*
Radeon HD 3870 X2	874	NA
Radeon HD 8570D + HD 6570 Dual	868	NA
Mobility Radeon HD 4850	866	NA
Radeon R7 A8-7650K	862	NA
Radeon R7 A12-9730P RADEON	862	NA
Radeon HD 8550G + HD 7600M Dual	855	NA
Radeon R7 A8-7500 4C+6G	853	NA
Radeon HD 8500M/8700M	853	NA
Radeon R7 FX-9800P RADEON	848	530.00*
Radeon R5 PRO A8-9600B 4C+6G	845	NA
GeForce GT 730M	845	NA
Intel HD 520	845	NA
GeForce GT 440	842	69.99*
Radeon R5 PRO A6-8570E 2C+4G	839	NA
Quadro FX 3800	839	98.99
Radeon HD 8670D + R5 235 Dual	837	NA
GeForce 8800 GTS 512	833	NA
Radeon HD 7560D + 6570 Dual	833	NA
Radeon R7 PRO A8-8650B	832	NA
Radeon HD 8650G + 8600/8700M Dual	832	NA
Radeon HD 7660G + 7600M Dual	832	NA
Intel HD 6000	831	NA
Radeon HD 6650M	831	NA
Intel HD 5200	830	NA
Quadro K420	830	148.00*
Radeon R7 PRO A12-9800B	829	NA
Radeon R8 M445DX	826	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	NA
Radeon R5 PRO A10-8730B 4C+6G	823	NA
Radeon HD 3850 X2	822	NA
Quadro K600	822	89.99
Radeon R7 M265	820	NA
Radeon HD 8650G + HD 7600M Dual	820	NA
Radeon HD 8550G + HD 8750M Dual	819	NA
GeForce GTS 240	818	64.99*
Radeon 520	815	NA
Radeon HD 8550G + HD		

8600/8700M Dual	813	NA
GeForce 730A	813	NA
GRID K1	811	399.00
Radeon R5 A10-9600P 4C+6G	807	NA
Quadro FX 3800M	803	NA
Radeon HD 8550G + 8600/8700M Dual	803	NA
Radeon R5 A10-9620P 4C+6G	801	NA
Intel UHD 610	799	NA
Radeon HD 7660G	798	NA
GeForce 9800 GX2	798	NA
Radeon HD 8550G + 8750M Dual	796	NA
NVS 5400M	796	NA
Quadro K1000M	795	149.90*
Radeon HD 7650A	792	262.00*
GeForce GT 740M	790	NA
Radeon R7 A10 Extreme Edition	790	NA
GeForce GT 640M LE	790	849.99*
Radeon R7 M340	790	NA
Radeon HD 8650G + 8750M Dual	787	NA
Intel UHD 615	786	NA
GRID K180Q	783	NA
Radeon R7 PRO A6-9500 2C+6G	781	NA
Radeon HD 8670D	781	NA
Radeon HD 8650G + HD 8750M Dual	779	NA
Radeon HD 7660D	777	NA
GeForce GT 340	775	52.99*
Radeon R7 M270	774	NA
Radeon HD 7600M + 7600M Dual	773	NA
Radeon HD 8650G N HD 8650G + HD 8570M Dual	773	NA
Mobility Radeon HD 5000	773	NA
Radeon HD 7660G + HD 7600M Dual	773	NA
Radeon HD 4810	769	NA
GeForce 9800 GTX	769	NA
GeForce 8800 Ultra	769	NA
GeForce 825M	765	NA
NVS 510	765	143.13
Radeon HD 8650G + HD 8600/8700M Dual	764	NA
Radeon R5 M255	763	NA
Mobility Radeon HD 5850	763	NA
GeForce 8800 GTX	762	NA
Radeon HD 6570	760	49.99*
Quadro K610M	758	75.00*
Radeon R5 420	757	NA
Radeon HD 7660G + 7700M Dual	757	NA
GeForce GTS 360M	757	NA
Radeon R7 A10 PRO-7800B	756	NA
Quadro 1100M	755	NA
Radeon R7 A12-9700P RADEON	754	NA
Radeon HD 8570D + HD 7000 Dual	753	NA
Quadro 1000M	753	54.50*
Radeon HD 7660G + HD 7700M Dual	752	NA
Intel Iris 5100	750	NA

Video Card

Radeon R7 M260DX	750	NA
GeForce GT 140	748	NA
GeForce GT 630	747	34.99*
Radeon HD 7660G + 7610M Dual	746	NA
GeForce GT 530	745	49.00*
Intel HD 615	744	NA
Radeon R7 PRO A12-8800B	744	NA
Radeon R5 235 + HD 7560D Dual	744	NA
Radeon R7 A8 PRO-7600B	744	NA
Radeon HD 7660G + 7670M Dual	743	NA
GeForce GT 730A	743	NA
Radeon HD 8650G + 7600M Dual	742	NA
Radeon R8 M365DX	741	NA
Radeon 6600M	741	NA
GeForce 920M	740	NA
Radeon HD 7670M + 7670M Dual	738	NA
GeForce GTX 285M	735	NA
GeForce 9600 GT	729	39.99*
Radeon HD 7550M/7650M	728	NA
GRID K140Q	728	NA
GeForce 720A	725	NA
GRID K160Q	725	NA
Radeon HD 7650M	724	NA
Mobility Radeon HD 5570	724	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	723	NA
Radeon HD 8650G + R5 M200 Dual	723	NA
GeForce GT 550M	720	NA
Mobility Radeon HD 4870	720	NA
Radeon HD 7540D + 6570 Dual	720	NA
Radeon HD 8550G	720	NA
Radeon HD 8670D + HD 7000 Dual	719	NA
Intel HD 610	718	NA
Radeon HD 8470D + 6450 Dual	717	NA
Radeon HD 3870	717	58.00*
GeForce GT 720	716	54.99*
Radeon HD 8650G + HD 8570M Dual	716	NA
Intel HD 4600	715	NA
Radeon HD 5570	714	189.99*
Radeon HD 7660G + HD 8670M Dual	711	NA
Radeon HD 6550A	708	NA
Radeon HD 7660G + HD 7670M Dual	707	NA
GeForce 9800 GT	707	103.99*
GeForce 820A	706	NA
GeForce GT 820M	706	NA
Radeon HD 7640G + 7600M Dual	706	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	705	NA
Radeon HD 7640G + HD 7600M Dual	704	NA
Radeon R7 M360	702	NA
GeForce GT 635M	700	NA
Quadro 600	700	60.98
TRINITY DEVASTATOR MOBILE	699	NA

Radeon HD 7570M/HD 7670M	699	NA
Radeon HD 7640G + HD 8570M		
Radeon R5 PRO A6-9500B 2C+4G	693	NA
GeForce GT 630M	692	NA
Radeon HD 7640G + 7700M Dual	691	NA
Radeon R5 A6-9400 RADEON R5, 6 COMPUTE CORES 2C+4G	690	NA
Radeon R5 PRO A6-8530B 2C+4G	690	NA
Radeon HD 7640G + 8600/8700M Dual	689	NA
GeForce GT 710	688	43.99
Radeon HD 8650G + R5 M230 Dual	686	NA
Radeon HD 8550D	685	NA
Radeon HD 6630M	685	NA
Radeon R6 A10-8700P	682	NA
Quadro FX 5600	681	169.99
GRID P40-3Q	681	NA
Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D	680	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	680	NA
Radeon HD 8570D	679	NA
GeForce GTS 160M	679	NA
Mobility Radeon HD 5730	678	NA
GeForce GT 735M	677	NA
Radeon HD 8610G + R5 M200 Dual	676	NA
Quadro FX 4700 X2	676	NA
Intel HD P4600/P4700	676	NA
Radeon R5 A6-7480	676	NA
Radeon HD 8550G + R5 M230 Dual	668	NA
GeForce GT 435M	667	NA
NVS 5200M	666	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	666	NA
FirePro M7740	665	NA
Radeon HD 8550G + 8690M Dual	664	NA
Quadro 500M	664	275.14*
Radeon HD 7560D	663	NA
Intel HD 5600	663	NA
Radeon R7 M260	663	799.00*
GeForce GT 430	662	35.99*
FireGL V7700	660	174.99*
GeForce GT 720A	660	NA
Radeon HD 7640G + HD 7670M Dual	660	NA
Radeon HD 2900 XT	660	NA
Radeon HD 7640G + 8750M Dual	655	NA
Radeon HD 8650G + 8570M Dual	654	NA
Quadro FX 2800M	654	49.95*
Quadro K510M	651	NA
Radeon HD 7520G + HD 8750M Dual	651	NA
Radeon R5 240	651	61.00*
SUMO 9640	650	NA
GeForce GT 540M	649	NA
Intel HD 515	649	NA
Radeon R5 M430	649	NA

GeForce GT 240	648	37.99*
Radeon HD 6670 + 6670 Dual	647	NA

Video Card

GeForce 9800M GTS	645	NA
Radeon HD 7640G + 7670M Dual	645	NA
Radeon R6	643	NA
Radeon HD 6550D	641	NA
GeForce 810A	638	NA
Radeon HD 7640G + 7400M Dual	637	NA
Radeon HD 8450G + 8750M Dual	637	NA
GeForce 9800 S	636	NA
Radeon HD 8650G + 8670M Dual	635	NA
Matrox C420 LP PCIe x16	635	NA
Radeon HD 8650G + HD 7670M Dual	634	NA
Radeon HD 7660D + HD 7000 Dual	634	NA
Quadro FX 3700M	633	925.00*
Radeon HD 7610M	632	NA
Radeon HD 7660G + 7470M Dual	631	NA
Quadro FX 3700	628	89.99*
Radeon HD 2900 PRO	628	NA
Radeon HD 7640G + 7500/7600 Dual	627	NA
Radeon HD 8650G + 8500M Dual	627	NA
GeForce GT 425M	627	NA
Intel HD 510	625	NA
Radeon HD 7520G + HD 8600/8700M Dual	624	NA
FirePro M2000	623	NA
Radeon HD 7640G + HD 7400M Dual	621	NA
GeForce GTX 280M	621	NA
GeForce 820M	621	NA
Radeon HD 8570 + 8670D Dual	620	NA
Radeon HD 8550G + R5 M200 Dual	619	NA
Radeon HD 8550G + 8600M Dual	618	NA

** - Last price seen from our affiliates.*

Copyright © 2020 PassMark® Software

//