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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.

G3D Mark | Price Performance
(Click to select desired chart)

PassMark - G3D Mark High Mid Range Videocards - Updated 3rd of April 2018

Video Card Model	Score	Price (USD)
Intel UHD 630	1,110	NA
FirePro M4150	1,102	NA
Radeon HD 7670	1,101	NA
Radeon HD 7660D + 6570 Dual	1,100	NA
Quadro FX 5800	1,091	\$499.99*
RadeonT R5 430	1,087	NA
GeForce 845M	1,085	NA

Radeon R7 PRO A10-9700B	1,083	NA
Radeon R7 PRO A8-9600	1,083	NA
Quadro K2000M	1,082	\$149.95*
FirePro 3D V4800	1,082	\$159.99*
Radeon HD 5670	1,079	\$47.84*
Intel HD P530	1,074	NA
Radeon R5 340	1,072	NA
Radeon R7 A10-9700E RADEON	1,066	NA
Firepro M4100	1,063	NA
Radeon HD 7660D + 7670 Dual	1,062	NA
Radeon R7 PRO A12-9800E	1,061	NA
Radeon HD 7520G + 7700M Dual	1,061	NA
Radeon R5 PRO A6-8570 R5, 8 COMPUTE CORES 2C+6G	1,061	NA
Radeon R7 M460	1,059	NA
Radeon HD 6670	1,058	\$102.99*
GeForce GT 445M	1,056	NA
Radeon HD 8750M	1,055	NA
GeForce GTX 295	1,053	\$159.99*
Radeon HD 7670A	1,049	NA
Radeon HD 7640G + HD 8750M Dual	1,048	NA
Radeon R7 + R7 240 Dual	1,045	NA
Quadro 2000M	1,044	\$46.56
Radeon HD 4770	1,042	NA
Radeon R7 340	1,041	NA
Radeon HD 8570D + HD 8570 Dual	1,033	NA
Radeon HD7570	1,029	NA
Radeon HD 4850	1,026	\$89.99*
Radeon R7 A10-7850K	1,025	NA
GeForce 920MX	1,024	NA
Radeon HD 8600/8700M	1,023	NA
Radeon HD 8670D + R7 240 Dual	1,020	NA
Radeon HD 7730M	1,017	NA

Radeon R7 A8-7500 Radeon R7, 10 Compute Cores 4C+6	1,015	NA
Radeon R7 + R5 330 Dual	1,015	NA
Radeon HD 7690M XT	1,009	NA
Radeon R5 430	1,008	NA
Radeon R7 A10 PRO-7850B	1,008	NA
Radeon HD 6700M	1,004	NA
Radeon R7 M445	1,003	NA
Quadro K1100M	1,003	\$79.00*
Intel UHD 620	1,002	NA
Quadro M500M	1,001	NA
Intel HD 530	1,001	NA
Radeon HD 7690M	1,000	NA
Radeon HD 8570D + R7 200 Dual	999	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	NA
Radeon R7 A10-7860K	998	NA
Quadro FX 4800	996	\$169.99
Barco MXRT 5450	993	NA
GeForce 830A	990	NA
Radeon R7 A265	987	NA
Radeon R7 A10-8750	986	NA
Radeon HD 8690M	984	NA
Radeon HD 7560D + 7560D Dual	983	NA
Radeon HD 7570	983	NA
Radeon HD 8570	983	NA
Radeon HD 6800M	980	NA
Radeon R7 240	976	\$64.57
GeForce 940M	972	NA
Intel Iris 6100	971	NA
Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D	967	NA
Radeon R5 PRO A6-9500E R5, 6 COMPUTE CORES 2C+4G	967	NA

Radeon HD 8730M	965	NA
Radeon HD 6770M	964	NA
Radeon HD 8570D + R7 240 Dual	964	NA
Radeon HD 5600/5700	963	NA
Radeon E6760	962	\$239.99*
GeForce GT 745M	961	NA
Radeon HD 4830	957	\$59.99*
Radeon HD 8850M	957	NA
GeForce GT 640M	953	NA
Radeon HD 8670D + R7 200 Dual	950	NA
Quadro CX	947	\$149.95*
Radeon R7 PRO A10-8850B	945	NA
Radeon HD 8650G	943	NA
Radeon HD 7660D + R7 240 Dual	942	NA
Radeon R5 A6-9500 RADEON R5, 8 COMPUTE CORES 2C+6G	941	NA
Radeon R7 M440	940	NA
Radeon R7 A8-7600	934	NA
Radeon HD 7660G + 7730M Dual	931	NA
GeForce 920A	931	NA
Radeon R7 240 + HD 8670D Dual	930	NA
GeForce 930M	930	NA
Radeon HD 6750M	930	NA
Intel HD 620	928	NA
FirePro W2100	922	\$113.99*
Radeon R7 PRO A10-8750B	922	NA
GeForce GT 730	921	\$64.99
Radeon HD 8690A	919	NA
GeForce GT 635	918	NA
Radeon R7 240 + HD 8570D Dual	918	NA
Radeon R7 PRO A12-9800B	917	NA
GRID K220Q	912	NA
Radeon R7 A8-8650	911	NA

Radeon R7 A12-9720P RADEON	906	NA
GeForce 9800 GTX+	906	NA
Radeon R7 M365X	902	NA
GeForce 840M	899	NA
Radeon R7 A10-7700K	899	NA
GeForce GT 555M	895	NA
Radeon R7 PRO A8-8650B	893	NA
Radeon R7 A10-7800	891	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	886	NA
GeForce 9800 GTX/9800 GTX+	884	\$89.99*
Radeon HD 7660G + HD 7730M Dual	882	NA
GeForce GTS 250	881	\$114.99*
GRID K1	881	\$1,595.00
GeForce 840A	876	NA
Radeon HD 3870 X2	873	NA
FirePro V3900	871	\$129.99*
Radeon R7 A8-7650K	870	NA
GeForce GT 645M	870	NA
Radeon HD 8570D + HD 6570 Dual	868	NA
Radeon R7 A10 PRO-7800B	868	NA
Radeon HD 8500M/8700M	864	NA
GeForce 830M	861	NA
Mobility Radeon HD 4850	858	NA
Radeon R5 PRO A8-9600B R5, 10 COMPUTE CORES 4C+6G	857	NA
Radeon HD 8550G + HD 7600M Dual	855	NA
Quadro K620M	854	NA
Radeon R7 FX-9800P RADEON	853	\$499.99
Quadro FX 3800	842	\$129.99
GeForce GT 440	841	\$69.99*
Quadro K420	837	\$106.92
GeForce 8800 GTS 512	837	NA
Radeon HD 8670D + R5 235 Dual	837	NA

Radeon HD 8650G + 8600/8700M Dual	836	NA
Radeon HD 7560D + 6570 Dual	833	NA
Radeon R7 A8-7670K	833	NA
Intel HD 520	833	NA
Quadro K600	829	\$64.99
Intel HD 6000	827	NA
GeForce GTS 240	826	\$64.99*
Radeon R7 Opteron X3421	826	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	NA
Radeon HD 7660G + 7600M Dual	822	NA
Radeon HD 8650G + HD 7600M Dual	820	NA
Radeon HD 8550G + HD 8750M Dual	819	NA
GeForce GT 730M	818	NA
Radeon R7 M265	815	NA
Radeon HD 8550G + HD 8600/8700M Dual	813	NA
Radeon HD 7670M	812	\$629.99*
GeForce 940A	811	NA
Radeon R7 A10 Extreme Edition	807	NA
Radeon R7 FX-8800P	805	NA
Quadro FX 3800M	804	NA
Radeon HD 7660G	803	NA
GeForce GTX 850A	803	NA
Radeon HD 8550G + 8600/8700M Dual	803	NA
Radeon R5 A10-9600P RADEON R5, 10 COMPUTE CORES 4C	801	NA
GeForce 9800 GX2	800	NA
Radeon HD 4810	800	NA
Radeon HD 8550G + 8750M Dual	796	NA
Radeon HD 7650A	793	\$262.00*
Radeon HD 8670D	793	NA
Radeon HD 3850 X2	793	NA
Quadro K1000M	790	\$149.90*

Radeon HD 7660G + HD 7600M Dual	788	NA
Radeon HD 8650G + 8750M Dual	787	NA
Radeon HD 8650G + HD 8750M Dual	787	NA
Radeon HD 7660D	784	NA
GeForce GT 640M LE	784	\$849.99*
GeForce 8800 Ultra	783	NA
Radeon R7 PRO A12-8800B	783	NA
Radeon R5 PRO A10-8730B R5, 10 COMPUTE CORES 4C+6G	780	NA
GeForce GT 740M	780	NA
Radeon HD 8650G + 7670M Dual	778	NA
Intel HD 5200	777	NA
GRID K180Q	776	NA
GeForce GT 340	776	\$52.99*
GeForce 730A	775	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 R5 A10-9620P RADEON R5, 10 COMPUTE CORES 4C	770	NA
GeForce 9800 GTX	769	NA
Radeon R7 M340	766	NA
Mobility Radeon HD 5850	766	NA
Radeon HD 8650G + HD 8600/8700M Dual	765	NA
NVS 510	765	\$260.99
GeForce 8800 GTX	764	NA
NVS 5400M	762	NA
Radeon HD 6570	760	\$49.99*
GeForce GT 140	758	NA
GeForce GTS 360M	758	NA
Radeon R5 420	757	NA
Radeon HD 7660G + 7700M Dual	757	NA
Quadro 1100M	755	NA

Radeon HD 8570D + HD 7000 Dual	753	NA
Quadro K610M	753	\$75.00*
Radeon HD 7660G + HD 7700M Dual	752	NA
Radeon R5 M255	752	NA
GeForce 8800 GT	751	NA
GeForce 825M	751	NA
Quadro 1000M	749	\$174.95*
Radeon R7 A12-9730P RADEON	748	NA
GeForce GT 630	746	\$99.99*
Radeon R7 M270	745	NA
Radeon HD 7660G + 7610M Dual	745	NA
Radeon R5 235 + HD 7560D Dual	744	NA
Radeon HD 7660G + 7670M Dual	744	NA
GeForce GT 530	743	\$49.00*
Radeon HD 8650G + 7600M Dual	742	NA
GeForce GTX 285M	741	NA
Radeon HD 7670M + 7670M Dual	738	NA
Radeon 6600M	738	NA
Intel Iris 5100	737	NA
Radeon R7 A12-9700P RADEON	735	NA
GeForce 9600 GT	734	\$39.99*
Radeon R7 PRO A12-8830B	732	NA
GeForce GT 730A	732	NA
Radeon HD 7550M/7650M	732	NA
Radeon R7 A8 PRO-7600B	729	NA
GeForce 920M	728	NA
GRID K140Q	728	NA
Radeon HD 7650M	723	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	723	NA
Radeon HD 8650G + R5 M200 Dual	723	NA
Radeon HD 3870	722	\$58.00*
GeForce GT 550M	720	NA

Mobility Radeon HD 4870	720	NA
Radeon HD 7540D + 6570 Dual	720	NA
Radeon HD 6650M	719	NA
Radeon HD 8670D + HD 7000 Dual	719	NA
Radeon HD 8470D + 6450 Dual	717	NA
Radeon 520	717	NA
Radeon HD 8650G + HD 8570M Dual	716	NA
Radeon R5 PRO A6-8530B R5, 6 COMPUTE CORES 2C+4G	715	NA
Mobility Radeon HD 5570	714	NA
Intel HD 615	713	NA
Radeon HD 5570	713	\$168.28
GeForce 9800 GT	712	\$103.99*
Radeon HD 7660G + HD 8670M Dual	711	NA
Intel HD 4600	710	NA
GeForce GT 720	709	\$54.99*
GeForce GT 820M	709	NA
Intel HD 610	708	NA
Radeon HD 6550A	708	NA
Radeon R7 M360	708	NA
Radeon HD 8550G	707	NA
Radeon HD 7660G + HD 7670M Dual	707	NA
Radeon HD 7640G + HD 7600M Dual	707	NA
Radeon HD 7640G + 7600M Dual	706	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	705	NA
GRID K160Q	702	NA
Radeon HD 7570M/HD 7670M	699	NA
Radeon HD 7640G + HD 8570M Dual	697	NA
Quadro 600	695	\$51.99
GeForce 820A	694	NA
Radeon R6 A10-8700P	692	NA
GeForce GT 635M	691	NA
Radeon HD 7640G + 7700M Dual	691	NA

Radeon HD 7640G + 8600/8700M Dual	689	NA
Radeon HD 8650G + R5 M230 Dual	686	NA
Radeon HD 8550D	685	NA
Radeon HD 6630M	685	NA
GeForce GT 630M	684	NA
Quadro FX 5600	683	\$249.99
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	678	NA
Radeon HD 8610G + R5 M200 Dual	676	NA
GeForce GT 710	674	\$36.99
Mobility Radeon HD 5730	674	NA
Quadro 500M	673	NA
Radeon HD 8550G + R5 M230 Dual	668	NA
Quadro FX 2800M	666	NA
GeForce GTS 160M	666	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	666	NA
Quadro FX 4700 X2	665	NA
GeForce GT 435M	665	NA
Radeon HD 8550G + 8690M Dual	664	NA
Radeon R7 M260	664	\$799.00*
Radeon R5 240	663	\$46.99
Intel HD 5600	663	NA
Intel HD P4600/P4700	663	NA
Radeon HD 7560D	662	NA
GeForce GT 720A	662	NA
GeForce GT 735M	661	NA
GeForce GT 430	660	\$35.99*
FireGL V7700	660	\$174.99*
Radeon HD 7640G + HD 7670M Dual	660	NA
FirePro M7740	657	NA
Radeon HD 7640G + 8750M Dual	655	NA

Radeon HD 8650G + 8570M Dual	654	NA
Radeon HD 2900 XT	653	NA
NVS 5200M	652	NA
GeForce GT 240	651	\$37.99*
Radeon HD 7520G + HD 8750M Dual	651	NA
SUMO 9640	650	NA
GeForce GT 540M	650	NA
Radeon HD 6550D	649	NA
Radeon HD 6670 + 6670 Dual	647	NA
GeForce 9800M GTS	646	NA
Radeon HD 8610G + HD 8500M Dual	646	NA
Radeon HD 2900 PRO	645	NA
Radeon R6	644	NA
Quadro FX 3700M	643	\$925.00*
Intel HD 515	642	NA
Radeon R5 M430	642	NA
Radeon HD 7640G + 7670M Dual	642	NA
GeForce 810A	638	NA
Radeon HD 8650G + 8670M Dual	638	NA
Radeon HD 7640G + 7400M Dual	637	NA
Radeon HD 8450G + 8750M Dual	637	NA
Radeon R5 330	637	\$369.99*
GeForce 9800 S	636	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 3700	632	\$119.99*
Radeon HD 7610M	631	NA
Radeon HD 7660G + 7470M Dual	631	NA
Radeon HD 7640G + 7500/7600 Dual	627	NA
Radeon HD 8650G + 8500M Dual	627	NA
GeForce GT 425M	626	NA

Quadro K510M	624	NA
Radeon HD 7520G + HD 8600/8700M Dual	624	NA
Radeon HD 8570 + 8670D Dual	620	NA
GeForce GTX 280M	620	NA
Radeon HD 8550G + R5 M200 Dual	619	NA
Radeon HD 8550G + 8600M Dual	618	NA
Radeon HD 7500G + 7500M/7600M Dual	617	NA
Intel HD 510	616	NA
FireGL V7600	616	NA
Radeon HD 8650G + 8600M Dual	613	NA
Radeon HD 7570M	613	NA
Radeon HD 7520G + HD 7600M Dual	613	NA
Radeon HD 7640G	612	NA
GeForce 820M	612	NA
7900 MOD - Radeon HD 6520G	610	NA
Radeon HD 8610G + 8500M Dual	610	NA
Radeon R5 M315	610	NA
FirePro M2000	609	NA
Radeon R6 PRO A8-8600B R6, 10 Compute Cores 4C+6G	608	NA
Radeon HD 7640G + HD 8500M Dual	607	NA
GeForce 8800 GTS	607	NA
Radeon HD 7640G + HD 7400M Dual	606	NA
Quadro FX 4600	605	\$135.94*
Intel HD P4600	605	NA
Radeon R5 M330	603	NA
Radeon HD 8550G + 8500M Dual	603	NA
GeForce GT 525M	601	NA
Radeon HD 8610G + 8670M Dual	600	NA
Intel HD 5000	599	NA
Radeon R5 M320	598	NA
Radeon HD 8650G + HD 8600M Dual	598	NA
Radeon HD 8510G + 8500M Dual	596	NA

Radeon HD 7640G + 7470M Dual	596	NA
GeForce GTX 260M	594	NA
Radeon HD 8550G + HD 8600M Dual	594	NA
Radeon HD 7520G + 7600M Dual	591	NA
Radeon HD 7640G + HD 7700M Dual	589	NA
Radeon HD 8650G + HD 8670M Dual	589	NA
Radeon HD 8610G + 8600M Dual	589	NA
Radeon HD 7520G + 7610M Dual	588	NA
Radeon HD 7660G + 7400M Dual	588	NA
Radeon HD 7660G + 8670M Dual	588	NA
Radeon HD 7640G + 8500M Dual	586	NA
Quadro FX 1800	583	\$119.00
Intel HD 5500	582	NA
Radeon HD 8610G + HD 8600M Dual	580	NA
Radeon HD 8550G + 8670M Dual	579	NA
Radeon HD 7640G + HD 8600/8700M Dual	578	NA
Radeon HD 7620G + 8670M Dual	577	NA
Intel Skylake HD DT GT2	577	NA
TRINITY DEVASTATOR MOBILE	576	NA
Radeon HD 8610G + HD 8670M Dual	575	NA
Radeon R6 + R7 M265DX Dual	571	NA
Radeon HD 6610M	565	NA
GeForce GT 620M	565	NA
Mobility Radeon HD 3870 X2	564	NA
GeForce GTS 250M	564	NA
Intel HD 4400	564	NA
Radeon HD 7560D + R5 235 Dual	563	NA
Radeon R5 M230	563	NA
Radeon HD 7640G + 8570M Dual	563	NA
Radeon HD 6620G	562	NA
GeForce 710M	561	NA
Radeon HD 7640G + 8670M Dual	558	NA

PassMark Software - Video Card Benchmarks - Mid-to-High Range Video Cards



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* - Last price seen from our affiliates.

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