Video Card

Videocard Benchmarks

Over 1,000,000 Video Cards Benchmarked

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

G3D Mark	Price Performance

PassMark - G3D Mark

High Mid Range Videocards

Videocard	Average G3D Mark	Price (USD)
Radeon R7 PRO A10-8770	1,320	NA
Radeon HD 6750	1,317	49.99*
Quadro 2000	1,317	102.98
Radeon HD 8790M	1,316	NA
FirePro M5950	1,314	NA
Radeon HD 4870 X2	1,309	NA
Radeon 535	1,307	NA
Radeon R7 M465	1,306	NA
FirePro V4900	1,302	144.99*
Intel UHD	1,300	NA
Radeon R9 M265X	1,299	NA
Firepro W4190M	1,298	NA
GeForce GT 750M	1,298	NA
GeForce GT 545	1,292	55.59*
Quadro 2000D	1,283	83.99*
GeForce GTX 760A	1,281	NA
GeForce GT 640	1,281	59.99*
Radeon R7 A370	1,281	NA
Radeon R7 + R7 200 Dual	1,280	NA
GeForce GTX 285	1,273	179.99*
FirePro 3D V8750	1,272	1,230.99*
Radeon R7 M350	1,261	NA
Radeon HD 8570D + HD 6670 Dual	1,261	NA
Intel UHD P630	1,257	NA
Mobility Radeon HD 5870	1,251	NA
GeForce GTX 275	1,245	119.99*
GeForce 930MX	1,240	NA
Radeon R7 A12-9800 RADEON	1,240	NA
Quadro 2000 D	1,239	NA
Radeon R9 M375	1,239	NA
Radeon HD 8570D + 6570 Dual	1,239	NA

Video Card

Radeon HD 7660D + 6670 Dual	1,238	NA
Radeon HD 8790M / R9 M290X	1,237	NA
Radeon HD 8670D + HD 6670 Dual	1,222	NA
GeForce 930A	1,219	NA
Intel UHD 630	1,216	NA
Intel Iris Pro P6300	1,209	NA
FirePro 3D V8700	1,206	199.99*
GeForce GTX 280	1,206	522.78*
Radeon HD 7750M	1,191	NA
Radeon R7 A12-9800E RADEON	1,186	NA
GeForce GT 745A	1,180	NA
Intel Iris Pro 5200	1,173	NA
FirePro 3D V4800	1,169	159.99*
FireStream 9250	1,165	NA
Radeon R7 A10-9700 RADEON	1,164	NA
Barco MXRT 5400	1,161	NA
Radeon R7 PRO A12-8870E	1,160	NA
GeForce GPU	1,160	NA
Intel Coffee Lake UHD	1,158	NA
Radeon 530	1,155	NA
Radeon R7 A10-7890K	1,155	NA
Radeon R7 M460	1,154	NA
Radeon R7 PRO A10-8770E	1,148	NA
Radeon R7 PRO A10-9700E	1,143	NA
GeForce 845M	1,143	NA
Radeon HD 8850M / R9 M265X	1,140	NA
GeForce GTX 260	1,136	95.38*
Radeon HD 4850 X2	1,132	NA
Radeon HD 7560D + 6670 Dual	1,131	NA
RadeonT R5 430	1,124	NA
Intel HD 630	1,123	NA
Radeon R7 A10-7870K	1,123	NA
Radeon HD 7670	1,116	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	1,111	178.89
Radeon R7 A10-9700E RADEON	1,105	NA
Radeon HD 7660D + 6570 Dual	1,100	NA
GeForce 920MX	1,092	NA
Quadro M500M	1,091	NA
FirePro M4170	1,087	NA
Radeon HD 5670	1,086	47.84*
Radeon R7 A8-9600 RADEON	1,082	NA
Quadro K2000M	1,081	144.04*
Radeon Vega 3	1,076	358.00
Radeon R7 M445	1,075	NA
Radeon Vega 3 Mobile	1,074	NA
Radeon 535DX	1,072	NA
Radeon HD 8750M	1,069	NA
Radeon R7 PRO A10-9700B	1,067	NA
Intel UHD Graphics 620	1,063	NA

Video Card

Radeon HD 6670	1,062	102.99*
Radeon HD 7660D + 7670 Dual	1,062	NA
Radeon HD 7520G + 7700M Dual	1,061	NA
Firepro M4100	1,059	NA
GeForce GT 445M	1,055	NA
Radeon R5 340	1,055	NA
GeForce GTX 295	1,054	159.99*
Radeon HD 7670A	1,050	NA
Radeon R7 PRO A8-9600	1,049	NA
Radeon R7 340	1,047	NA
Radeon R7 + R7 240 Dual	1,045	NA
Quadro K1100M	1,039	114.95*
Radeon HD 4770	1,035	NA
Quadro 2000M	1,034	46.56*
Radeon HD 8730M	1,033	NA
Radeon HD 8570D + HD 8570 Dual	1,033	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 Opteron X3421	1,028	NA
Radeon R7 A8-7500	1,028	NA
Radeon R5 430	1,025	NA
Radeon HD 4850	1,023	89.99*
Radeon R7 A10-7850K	1,020	NA
Radeon HD 8670D + R7 240 Dual	1,020	NA
Radeon HD 6700M	1,016	NA
Radeon R7 PRO A12-9800E	1,015	NA
Radeon R5 PRO A6-8570 2C+6G	1,014	NA
Radeon HD 7690M XT	1,009	NA
GeForce 830A	1,005	NA
Radeon HD 7690M	1,003	NA
Quadro FX 4800	1,001	144.99*
GeForce 940M	1,001	NA
Radeon HD 7730M	1,000	NA
Radeon R5 A6-9500 2C+6G	1,000	NA
Radeon HD 8570D + R7 200 Dual	999	NA
Intel HD 530	999	NA
Radeon HD 7660G + HD 7500M/7600M Dual	999	NA
Radeon HD 7640G + HD 8750M Dual	997	NA
Radeon HD 6800M	994	NA
Barco MXRT 5450	993	NA
Radeon R7 A10-8750	990	NA
Radeon R7 A265	987	NA
Radeon HD 8570	987	NA
Radeon R7 A10-7860K	985	NA
Radeon HD 8690M	984	NA
Radeon HD 7560D + 7560D Dual	983	NA
NVS 810	981	624.99*
Radeon HD 7570	981	NA
GeForce GT 745M	978	NA
Intel Iris 6100	978	NA
Radeon R7 240	977	46.36

Radeon E6760	973	239.99*
Radeon HD 8850M	973	NA

Video Card

GeForce GT 640M	966	NA
Radeon HD 6770M	964	NA
Radeon HD 8570D + R7 240 Dual	964	NA
Radeon R7 A10 PRO-7850B	962	NA
GeForce 930M	961	NA
Radeon HD 5600/5700	958	NA
Radeon R7 PRO A10-8750B	954	NA
Radeon HD 8670D + R7 200 Dual	950	NA
Quadro CX	947	149.95*
Radeon HD 4830	947	59.99*
Radeon R7 PRO A10-8850B	945	NA
Radeon HD 7660D + R7 240 Dual	942	NA
Radeon R7 M440	941	NA
Radeon HD 6750M	937	NA
Intel HD Graphics 620	933	NA
Radeon HD 7660G + 7730M Dual	931	NA
Radeon R7 240 + HD 8670D Dual	930	NA
Radeon R7 A12-9720P RADEON	930	NA
GeForce 840M	925	NA
Radeon R7 A8-7600	924	NA
GeForce GT 730	923	69.99
Quadro K620M	921	NA
GeForce 920A	919	NA
Radeon R7 240 + HD 8570D Dual	918	NA
Radeon HD 8650G	914	NA
GeForce GT 635	914	NA
GRID K220Q	912	NA
Radeon R7 A8-8650	911	NA
GeForce GT 645M	908	NA
Radeon R5 PRO A6-9500 2C+6G	907	NA
Radeon R7 M365X	905	NA
GeForce 830M	903	NA
FirePro W2100	902	113.99*
Radeon R7 PRO A12-8830B	900	NA
GeForce 9800 GTX+	898	NA
Radeon R7 A10-7700K	897	NA
GeForce GT 555M	892	NA
Radeon R7 FX-8800P	891	NA
Radeon R7 A10-7800	888	NA
Radeon R7 + R5 435 Dual A10-9700 RADEON	886	NA
Radeon HD 8650G + 7670M Dual	884	NA
Radeon HD 7660G + HD 7730M Dual	882	NA
GRID K1	881	725.99
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
GeForce GTS 250	876	114.99*
Radeon HD 3870 X2	874	NA
FirePro V3900	873	129.99*

Video Card

Radeon HD 8570D + HD 6570 Dual	868	NA
Mobility Radeon HD 4850	867	NA
Radeon R7 A8-7650K	863	NA
Radeon R7 A12-9730P RADEON	862	NA
Radeon R7 A8-7680	855	NA
Radeon HD 8550G + HD 7600M Dual	855	NA
Radeon R7 A8-7500 4C+6G	853	NA
Radeon HD 8500M/8700M	853	NA
Radeon R5 PRO A8-9600B 4C+6G	845	NA
GeForce GT 440	843	69.99*
GeForce GT 730M	841	NA
Intel HD 520	841	NA
Quadro FX 3800	839	104.99
Radeon R5 PRO A6-8570E 2C+4G	839	NA
Radeon HD 8670D + R5 235 Dual	837	NA
GeForce 8800 GTS 512	834	NA
Radeon R7 FX-9800P RADEON	833	530.00*
Radeon HD 7560D + 6570 Dual	833	NA
Radeon HD 8650G + 8600/8700M Dual	832	NA
Radeon HD 7660G + 7600M Dual	832	NA
Quadro K420	830	124.82*
Intel HD 5200	830	NA
Intel HD 6000	828	NA
Radeon R7 PRO A8-8650B	828	NA
Radeon R7 M265	825	NA
Radeon R9 M385X	825	NA
Radeon HD 7640G N HD 7640G + HD 7600M N HD 7600M D	824	NA
Quadro K600	823	44.06
Radeon HD 8650G + HD 7600M Dual	820	NA
Radeon HD 8550G + HD 8750M Dual	819	NA
Radeon R5 PRO A10-8730B 4C+6G	819	NA
GeForce GTS 240	818	64.99*
Radeon 520	814	NA
Radeon HD 8550G + HD 8600/8700M Dual	813	NA
Radeon HD 7670M	812	629.99*
Radeon R8 M445DX	812	NA
GeForce 730A	808	NA
Radeon R5 A10-9600P 4C+6G	808	NA
Radeon R7 PRO A12-9800B	807	NA
Quadro FX 3800M	803	NA
GeForce GTX 850A	803	NA
Radeon HD 8550G + 8600/8700M Dual	803	NA
Radeon HD 7660G	798	NA
GeForce 9800 GX2	798	NA
Radeon HD 8550G + 8750M Dual	796	NA
Quadro K1000M	795	149.90*
Radeon HD 7650A	794	262.00*
Intel UHD 615	794	NA
Radeon HD 3850 X2	793	NA
Radeon R5 A10-9620P 4C+6G	792	NA
NVS 5400M	791	NA

Video Card

Radeon R7 A10 Extreme Edition	790	NA
GeForce GT 740M	788	NA
GeForce GT 640M LE	787	849.99*
Radeon HD 8650G + 8750M Dual	787	NA
Radeon HD 8670D	781	NA
Radeon R7 PRO A6-9500 2C+6G	781	NA
Radeon HD 7660D	780	NA
Radeon HD 8650G + HD 8750M Dual	779	NA
GRID K180Q	778	NA
Radeon HD 7660G + HD 7600M Dual	775	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 R7 M340	771	NA
Radeon HD 4810	769	NA
GeForce 9800 GTX	769	NA
GeForce 8800 Ultra	769	NA
Quadro K610M	768	75.00
NVS 510	764	179.54
Radeon HD 8650G + HD 8600/8700M Dual	764	NA
Mobility Radeon HD 5850	763	NA
GeForce 8800 GTX	763	NA
Radeon R5 M255	762	NA
GeForce 825M	760	NA
Radeon HD 6570	760	49.99*
Radeon R5 420	757	NA
Radeon HD 7660G + 7700M Dual	757	NA
GeForce GTS 360M	757	NA
Quadro 1100M	755	NA
Radeon HD 8570D + HD 7000 Dual	753	NA
Quadro 1000M	752	54.50*
Radeon HD 7660G + HD 7700M Dual	752	NA
Radeon R7 A12-9700P RADEON	749	NA
Intel Iris 5100	748	NA
GeForce 8800 GT	748	NA
GeForce GT 140	748	NA
Radeon R5 A6-7480	747	NA
GeForce GT 630	746	99.21*
Radeon HD 7660G + 7610M Dual	746	NA
GeForce GT 530	745	49.00*
Radeon R7 PRO A12-8800B	744	NA
Radeon R5 235 + HD 7560D Dual	744	NA
Radeon HD 7660G + 7670M Dual	743	NA
GeForce GT 730A	743	NA
Radeon HD 8650G + 7600M Dual	742	NA
Radeon 6600M	742	NA
Intel HD 615	740	NA
Radeon HD 7670M + 7670M Dual	738	NA
GeForce 920M	738	NA
Radeon R7 A8 PRO-7600B	736	NA

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GeForce GTX 285M	735	NA
Radeon R7 M360	730	NA
Radeon HD 7550M/7650M	728	NA
GRID K140Q	728	NA
GeForce 720A	725	NA
Radeon R8 M535DX	724	NA
Radeon HD 7650M	724	NA
Radeon HD 7660G N HD 7660G + HD 7600M N HD 7600M D	723	NA
Radeon HD 8650G + R5 M200 Dual	723	NA
Mobility Radeon HD 4870	720	NA
Radeon HD 7540D + 6570 Dual	720	NA
Radeon HD 8550G	719	NA
GeForce GT 550M	719	NA
Radeon HD 6650M	719	NA
Radeon HD 8670D + HD 7000 Dual	719	NA
Mobility Radeon HD 5570	718	NA
Radeon R7 A10 PRO-7800B	718	NA
Radeon HD 8470D + 6450 Dual	717	NA
Intel HD 610	717	NA
Radeon HD 3870	717	58.00*
GeForce GT 720	717	54.99*
Radeon HD 8650G + HD 8570M Dual	716	NA
Radeon HD 5570	714	189.99*
Intel HD 4600	713	NA
Radeon HD 7660G + HD 8670M Dual	711	NA
GeForce 9800 GT	708	103.99*
Radeon HD 6550A	708	NA
Radeon HD 7660G + HD 7670M Dual	707	NA
Radeon HD 7640G + 7600M Dual	706	NA
GeForce GT 820M	705	NA
Radeon HD 7660G N HD 7660G + HD 7670M Dual	705	NA
Radeon HD 7640G + HD 7600M Dual	704	NA
GRID K160Q	701	NA
GeForce 820A	700	NA
TRINITY DEVASTATOR MOBILE	699	NA
Radeon HD 7570M/HD 7670M	699	NA
GeForce GT 635M	699	NA
Quadro 600	698	47.43
Radeon HD 7640G + HD 8570M Dual	697	NA
Radeon R5 PRO A6-9500B 2C+4G	693	NA
GeForce GT 710	692	43.99
GeForce GT 630M	691	NA
Radeon HD 7640G + 7700M Dual	691	NA
Radeon R5 PRO A6-8530B 2C+4G	690	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
Quadro FX 5600	681	174.99*
GRID P40-3Q	681	NA

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Radeon HD 8570D	680	NA
Radeon HD 8650G N HD 8650G +	680	NA
Radeon HD 7640G N HD 7640G + HD 7670M Dual	680	NA
GeForce GTS 160M	679	NA
Mobility Radeon HD 5730	678	NA
Radeon R7 M260	677	799.00*
GeForce GT 735M	677	NA
Radeon HD 8610G + R5 M200 Dual	676	NA
Quadro FX 4700 X2	676	NA
Intel HD P4600/P4700	674	NA
Radeon HD 8550G + R5 M230 Dual	668	NA
GeForce GT 435M	668	NA
Radeon HD 7640G + HD 8500M N HD 8500M Dual	666	NA
FirePro M7740	665	NA
NVS 5200M	665	NA
Radeon HD 8550G + 8690M Dual	664	NA
Quadro 500M	664	275.14*
Radeon HD 7560D	663	NA
Intel HD 5600	663	NA
GeForce GT 430	661	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
Quadro FX 2800M	657	49.95*
Radeon HD 7640G + 8750M Dual	655	NA
Radeon HD 8650G + 8570M Dual	654	NA
Radeon R5 M430	653	NA
Quadro K510M	651	NA
Radeon HD 7520G + HD 8750M Dual	651	NA
SUMO 9640	650	NA
GeForce GT 240	649	37.99*
GeForce GT 540M	649	NA
Radeon R5 240	648	61.00
Intel HD 515	647	NA
Radeon HD 6670 + 6670 Dual	647	NA
Radeon HD 8610G + HD 8500M Dual	646	NA
GeForce 9800M GTS	645	NA
Radeon HD 7640G + 7670M Dual	645	NA
Radeon HD 6550D	643	NA
Radeon R6	643	NA
GeForce 810A	638	NA
Radeon R7 M260DX	638	NA
Radeon HD 7640G + 7400M Dual	637	NA
Radeon HD 8450G + 8750M Dual	637	NA
GeForce 9800 S	636	NA
Matrox C420 LP PCIe x16	635	NA
Radeon HD 8650G + HD 7670M Dual	634	NA
Radeon HD 8650G + 8670M Dual	634	NA
Radeon HD 7660D + HD 7000 Dual	634	NA

Quadro FX 3700M	634	925.00*
Radeon HD 7610M	632	NA

Video Card

Quadro FX 3700	629	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	626	NA
Radeon HD 8690A	626	NA
Radeon HD 7520G + HD 8600/8700M Dual	624	NA
FirePro M2000	622	NA
Intel HD 510	622	NA
Radeon HD 7640G + HD 7400M Dual	621	NA
GeForce GTX 280M	621	NA
Radeon HD 8570 + 8670D Dual	620	NA
GeForce 820M	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
FireGL V7600	616	NA
Radeon HD 7640G	615	NA
Radeon HD 7570M	613	NA
Radeon HD 8650G + 8600M Dual	613	NA
7900 MOD - Radeon HD 6520G	610	NA
Radeon HD 8610G + 8500M Dual	610	NA

** - Last price seen from our affiliates.*

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