

CPU Benchmarks

Video Card Benchmarks

Hard Drive Benchmarks

RAM

PC Systems

Android

iOS / iPhone

Videocard Benchmarks



Over 1,000,000 Video Cards Benchmarked

PassMark - G3D Mark

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


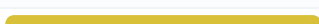

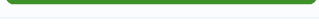












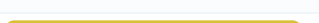
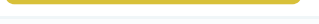




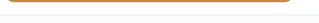











GPU Compute Video Card Chart

G3D Mark
Price Performance

PassMark - G3D Mark

High Mid Range Videocards

Video Card	G3D Mark	Price Performance
Radeon HD 7850M	1.373	NA
Intel UHD P630	1.371	NA
Radeon R5 A10-9630P 4C+6G	1.366	NA
FirePro M40003	1.364	NA
Radeon HD 8670D + 6670 Dual	1.361	NA
Quadro K2100M	1.352	159.95*
Radeon R9 M280X	1.349	NA
Radeon HD 7560D + HD 7700 Dual	1.347	NA
Intel UHD 630	1.346	NA
Intel Iris 540	1.344	NA
FireStream 9270	1.341	NA
Radeon R7 PRO A12-9800	1.340	NA
Radeon R7 430	1.339	102.99
Radeon R7 PRO A10-8770	1.320	NA
Radeon HD 6750	1.319	49.99*
Quadro 2000	1.316	99.99
FirePro M5950	1.314	NA
FirePro V4900	1.310	144.99*
Radeon HD 4870 X2	1.309	NA
Radeon R7 M465	1.306	NA
Radeon HD 8790M	1.306	NA
GeForce GT 750M	1.300	NA
FirePro W4170M	1.295	NA
Intel Iris Pro P6300	1.292	NA
GeForce GT 545	1.290	55.59*

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
					1,290	
	Radeon R7 A370				1,281	NA
	Radeon R7 + R7 200 Dual				1,279	NA
	Quadro 2000D				1,279	149.99*
	Radeon R7 M350				1,275	NA
	GeForce GTX 285				1,274	179.99*
	FirePro 3D V8750				1,272	1,230.99*
	Radeon R7 PRO A10-9700				1,264	NA
	Firepro W4190M				1,263	NA
	Radeon HD 8570D + HD 6670 Dual				1,261	NA
	Mobility Radeon HD 5870				1,254	NA
	GeForce 930MX				1,251	NA
	Radeon R7 A12-9800 RADEON				1,246	NA
	GeForce GTX 275				1,245	119.99*
	Quadro 2000 D				1,239	NA
	Radeon HD 8570D + 6570 Dual				1,239	NA
	Radeon HD 7660D + 6670 Dual				1,238	NA
	GeForce GT 650M				1,236	NA
	Intel UHD				1,232	NA
	GeForce 930A				1,227	NA
	Radeon HD 8670D + HD 6670 Dual				1,222	NA
	Radeon R9 M375				1,220	NA
	Radeon HD 8790M / R9 M290X				1,211	NA
	GeForce GTX 280				1,209	522.78*
	FirePro 3D V8700				1,206	199.99*
	Radeon 535				1,201	NA
	Radeon HD 7750M				1,191	NA
	GeForce GT 745A				1,180	NA
	Intel Iris Pro 5200				1,172	NA
	FirePro 3D V4800				1,169	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				1,151	NA
	Radeon R7 PRO A10-9700E				1,143	NA
	Intel HD 630				1,142	NA
	Radeon HD 8850M / R9 M265X				1,140	NA
	GeForce GTX 260				1,137	95.38*
	Radeon R7 M460				1,137	NA
	Radeon R7 PRO A10-8770E				1,134	NA
	Radeon HD 4850 X2				1,132	NA
	Radeon HD 7560D + 6670 Dual				1,131	NA
	Radeon HD 7670				1,124	NA


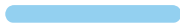












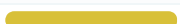




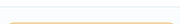
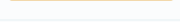










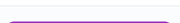
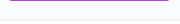





CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	RadeonT R5 430				1,124	NA
	Radeon R7 A10-8850				1,115	NA
	FirePro M4150				1,114	NA
	Radeon Vega 3 Mobile				1,109	NA
	Quadro FX 5800				1,107	178.89*
	Radeon R7 A12-9800E RADEON				1,106	NA
	Radeon R7 A10-9700E RADEON				1,100	NA
	Radeon HD 7660D + 6570 Dual				1,100	NA
	GeForce 920MX				1,097	NA
	Quadro M500M				1,096	NA
	Radeon HD 5670				1,088	47.84*
	Quadro K2000M				1,082	144.04*
	Radeon R5 PRO A6-8570 2C+6G				1,079	NA
	Intel UHD Graphics 620				1,078	NA
	Radeon HD 8750M				1,074	NA
	Radeon 530				1,067	NA
	Radeon R7 PRO A10-9700B				1,067	NA
	Radeon R7 A8-9600 RADEON				1,066	NA
	FirePro M4170				1,066	NA
	Radeon HD 6670				1,063	102.99*
	Radeon HD 7660D + 7670 Dual				1,062	NA
	Radeon HD 7520G + 7700M Dual				1,061	NA
	Intel HD P530				1,060	NA
	Firepro M4100				1,059	NA
	Radeon Vega 3				1,056	389.99
	GeForce GT 445M				1,055	NA
	Radeon R5 340				1,055	NA
	GeForce GTX 295				1,053	159.99*
	Quadro K1100M				1,051	49.95*
	Radeon HD 7670A				1,050	NA
	GeForce GTX 850A				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
	Radeon R7 Opteron X3421				1,044	NA
	Radeon R5 A6-9500 2C+6G				1,041	NA
	Radeon R7 M445				1,041	NA
	Radeon HD 8730M				1,037	NA
	Quadro 2000M				1,034	46.56*
	Radeon HD 4770				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 R7 FX-8800P				1,029	NA
	Radeon HD7570				1,029	NA
	Radeon R7 + R5 330 Dual				1,028	NA
	Radeon R7 A8-7500				1,028	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Radeon HD 4850				1,021	89.99*
	Radeon R5 430				1,016	NA
	Radeon R7 PRO A12-9800E				1,015	NA
	Intel HD 530				1,011	NA
	Radeon 535DX				1,010	NA
	Radeon HD 7690M XT				1,009	NA
	GeForce 940M				1,008	NA
	GeForce 830A				1,005	NA
	Radeon HD 7690M				1,003	NA
	Quadro FX 4800				1,002	138.98*
	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 Dual				997	NA
	Radeon HD 6800M				994	NA
	Radeon HD 8570				994	NA
	Barco MXRT 5450				993	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				977	NA
	Radeon R7 A10-8750				976	NA
	Radeon R7 A10-7860K				974	NA
	Radeon R7 240				974	49.99
	GeForce GT 640M				974	NA
	Radeon E6760				973	239.99*
	Radeon HD 8850M				973	NA
	Radeon R7 M440				969	NA
	Radeon HD 7660G N HD 7660G + HD 7700M N HD 7700M D				967	NA
	GeForce 930M				966	NA
	Radeon HD 6770M				964	NA
	Radeon HD 8570D + R7 240 Dual				964	NA
	Radeon R7 A10 PRO-7850B				962	NA
	Radeon HD 5600/5700				959	NA
	Radeon R6 Opteron X3418				955	NA
	Radeon R7 A265				955	NA
	Radeon R7 PRO A10-8750B				954	NA
	Radeon HD 8670D + R7 200 Dual				950	NA
	Radeon R7 A8-7680				949	NA
	Quadro CX				947	149.95*
	Radeon R7 PRO A10-8850B				945	NA
	Radeon HD 4830				945	59.99*
	Radeon HD 7660D + R7 240 Dual				942	NA
	NVS 810				940	624.99*
	Radeon HD 6750M				937	NA
	Intel HD Graphics 620				937	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Quadro K620M				933	NA
	Radeon R7 240 + HD 8670D Dual				930	NA
	Radeon R7 A8-7600				923	NA
	GeForce GT 730				921	69.99
	Radeon R7 A12-9720P RADEON				921	NA
	GeForce 920A				919	NA
	Radeon R7 240 + HD 8570D Dual				918	NA
	Radeon HD 6650M				917	NA
	GeForce GT 645M				915	NA
	GeForce GT 635				913	NA
	Radeon R7 A8-8650				913	NA
	GRID K220Q				912	NA
	GeForce 830M				912	NA
	Radeon HD 8650G				910	NA
	FirePro W2100				906	113.99*
	Radeon R7 M365X				902	NA
	Radeon R7 A10-7700K				896	NA
	Radeon R5 PRO A6-9500 2C+6G				896	NA
	GeForce 9800 GTX+				896	NA
	GeForce GT 555M				892	NA
	Radeon R7 A10-7800				890	NA
	Intel UHD 620				889	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 840A				878	NA
	GeForce 9800 GTX/9800 GTX+				878	89.99*
	Intel UHD 617				878	NA
	Radeon R5 PRO A6-9500E 2C+4G				877	NA
	Radeon R7 A8-7670K				877	NA
	GeForce GTS 250				874	114.99*
	FirePro V3900				874	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				863	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*
	Intel HD 520				846	NA
	GeForce GT 730M				845	NA
	Radeon R5 PRO A8-9600B 4C+6G				845	NA
	GeForce GT 440				842	69.99*

				840		
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	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
	Intel HD 6000				832	NA
	Radeon HD 8650G + 8600/8700M Dual				832	NA
	Radeon HD 7660G + 7600M Dual				832	NA
	Quadro K420				830	148.00*
	Intel HD 5200				830	NA
	Radeon R7 PRO A12-9800B				829	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				821	89.99
	Radeon 520				821	NA
	Radeon HD 8650G + HD 7600M Dual				820	NA
	Radeon HD 8550G + HD 8750M Dual				819	NA
	GeForce GTS 240				818	64.99*
	Radeon R7 M265				813	NA
	Radeon HD 8550G + HD 8600/8700M Dual				813	NA
	GeForce 730A				813	NA
	Radeon HD 7670M				811	629.99*
	GRID K1				811	454.51
	Radeon R5 A10-9600P 4C+6G				806	NA
	Quadro FX 3800M				803	NA
	Radeon HD 8550G + 8600/8700M Dual				803	NA
	GeForce 9800 GX2				798	NA
	Radeon HD 7660G				798	NA
	Intel UHD 610				797	NA
	Radeon R5 A10-9620P 4C+6G				797	NA
	NVS 5400M				797	NA
	Radeon HD 8550G + 8750M Dual				796	NA
	Radeon R7 M340				796	NA
	Quadro K1000M				795	149.90*
	Radeon HD 7650A				792	262.00*
	GeForce GT 740M				792	NA
	GeForce GT 640M LE				791	849.99*
	Radeon R7 A10 Extreme Edition				790	NA
	Intel UHD 615				789	NA
	Radeon HD 8650G + 8750M Dual				787	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

		774				
CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Mobility Radeon HD 5000			773		NA
	Radeon HD 4810			769		NA
	Radeon HD 7660G + HD 7600M Dual			769		NA
	GeForce 9800 GTX			769		NA
	GeForce 8800 Ultra			769		NA
	GeForce 825M			769		NA
	Radeon R7 M270			769		NA
	NVS 510			765		138.04
	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			759		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
	Radeon R7 M260DX			750		NA
	GeForce GT 140			748		NA
	GeForce 8800 GT			747		NA
	GeForce GT 630			747		34.99*
	GeForce GT 530			747		49.00*
	Radeon HD 7660G + 7610M Dual			746		NA
	Intel HD 615			745		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
	GeForce 920M			741		NA
	Radeon 6600M			741		NA
	Radeon R8 M365DX			741		NA
	GRID K160Q			740		NA
	Radeon HD 7670M + 7670M Dual			738		NA
	GeForce GTX 285M			735		NA
	Radeon R5 M435			735		NA
	GeForce 9600 GT			729		39.99*
	Radeon HD 7550M/7650M			729		NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	GRID K140Q				728	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				721	NA
	Mobility Radeon HD 4870				720	NA
	Radeon HD 8550G				720	NA
	Radeon HD 7540D + 6570 Dual				720	NA
	Radeon HD 8670D + HD 7000 Dual				719	NA
	Radeon HD 8470D + 6450 Dual				717	NA
	Radeon HD 3870				717	58.00*
	GeForce GT 720				717	54.99*
	Intel HD 610				717	NA
	Radeon HD 8650G + HD 8570M Dual				716	NA
	Intel HD 4600				715	NA
	Radeon HD 5570				715	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				706	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
	GeForce GT 635M				701	NA
	Quadro 600				700	59.99
	TRINITY DEVASTATOR MOBILE				699	NA
	Radeon R7 M360				699	NA
	Radeon HD 7570M/HD 7670M				699	NA
	Radeon HD 7640G + HD 8570M Dual				697	NA
	Radeon R8 M535DX				695	NA
	Radeon R5 PRO A6-9500B 2C+4G				693	NA
	GeForce GT 630M				691	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				689	44.99
	Radeon HD 8650G + R5 M230 Dual				686	NA
	Radeon HD 8550D				685	NA
	Radeon HD 6630M				685	NA
	Quadro FX 5600				682	168.98
	GRID P40-3Q				681	NA
	Radeon R6 A10-8700P				681	NA
	Radeon HD 8650G N HD 8650G + HD 8600M N HD 8600M D				680	NA

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Radeon HD 7640G N HD 7640G + HD 7670M Dual				680	NA
	Mobility Radeon HD 5730				677	NA
	Intel HD P4600/P4700				677	NA
	GeForce GT 735M				677	NA
	Radeon HD 8610G + R5 M200 Dual				676	NA
	Quadro FX 4700 X2				676	NA
	Radeon R5 A6-7480				676	NA
	GeForce GT 435M				668	NA
	Radeon HD 8550G + R5 M230 Dual				668	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				664	NA
	Intel HD 5600				663	NA
	GeForce GT 430				662	35.99*
	Radeon R7 M260				662	799.00*
	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
	SUMO 9640				650	NA
	Radeon R5 240				650	61.00*
	GeForce GT 540M				649	NA
	Intel HD 515				649	NA
	GeForce GT 240				649	37.99*
	Radeon R5 M430				649	NA
	Radeon HD 6670 + 6670 Dual				647	NA
	Radeon HD 8610G + HD 8500M Dual				646	NA
	Radeon HD 7640G + 7670M Dual				645	NA
	GeForce 9800M GTS				644	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

CPU Benchmarks	Video Card Benchmarks	Hard Drive Benchmarks	RAM	PC Systems	Android	iOS / iPhone
	Quadro FX 3700M				633	925.00*
	Quadro FX 3700				628	89.99*
	Radeon HD 2900 PRO				628	NA
	Radeon HD 7640G + 7500/7600 Dual				627	NA
	GeForce GT 425M				627	NA
	Radeon HD 8650G + 8500M Dual				627	NA
	Intel HD 510				624	NA
	Radeon HD 7520G + HD 8600/8700M Dual				624	NA
	Radeon HD 7640G + HD 7400M Dual				621	NA
	GeForce GTX 280M				621	NA
	GeForce 820M				621	NA
	FirePro M2000				621	NA

* - Last price seen from our affiliates.

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