



8800 GT: quanta memoria video serve?



LINK (<https://www.nexthardware.com/news/schede-video/458/8800-gt-quanta-memoria-video-serve.htm>)

Ci sono 3 versioni di 8800 GT suddivise in base alla memoria video. Quando comprare uno o l'altro modello?

Expreview risponde al quesito proponendo tre 8800 GT da 256 MB, 512 MB e 1024 MB provate nelle medesime condizioni. Il risultato lo potete leggere alla pagina il cui link lo trovate in calce alla news.

Model/Prod	8800GT 256MB	8800GT 512MB	8800GT 1024MB	8170R vs 256MB	1024MB vs 512MB
Core Memory/Shader Clock					
600MHz/500MHz					
2D Mark05 V1.1.3					
12001104 8800 GTAF	1295	1308	1293	3.96%	-0.75%
18001190 8800 GTAF	1144	1153	1149	3.52%	-0.34%
18001200 8800 GTAF	927	939	932	4.92%	-0.81%
12001104 8800 GTAF	829	832	840	8.00%	-1.81%
18001190 8800 GTAF	685	708	713	10.74%	-0.71%
18001200 8800 GTAF	455	478	477	56.48%	-1.19%
12001104 8800 GTAF	424	427	423	53.41%	-0.47%
18001190 8800 GTAF	36	893	826	-1.95%	-1.95%
18001200 8800 GTAF	36	923	899	-1.20%	-1.20%
3D Mark05 Test/Shader Clock V1.1.3					
12001104 8800 GTAF	134.8	118	115.8	1.00%	-0.17%
18001190 8800 GTAF	84.5	98	81.5	13.87%	-0.82%
18001200 8800 GTAF	79.8	79.8	79.8	1.07%	0.00%
12001104 8800 GTAF	76	79.1	78.8	4.08%	-0.25%
18001190 8800 GTAF	53.2	62.4	62.4	-17.29%	0.00%
18001200 8800 GTAF	43.1	51	50.5	-16.73%	-0.98%
12001104 8800 GTAF	42.8	53.3	52.9	24.53%	-0.75%
18001190 8800 GTAF	36.7	39.8	41.6	20.99%	5.98%
18001200 8800 GTAF	26.7	33.4	32.9	29.98%	-1.80%
Half Mhz FPS					
12001104 8800 GTAF	181.87	182.84	182.34	1.18%	-0.27%
18001190 8800 GTAF	128.32	139.42	136.87	1.64%	-0.27%
18001200 8800 GTAF	108.91	102.47	102.3	1.99%	-0.17%
12001104 8800 GTAF	108.21	113.81	112.88	7.18%	-0.84%
18001190 8800 GTAF	76.93	88.89	88.26	11.28%	-0.70%
18001200 8800 GTAF	48.39	67.52	69.22	45.55%	2.52%
12001104 8800 GTAF	78.38	85.21	84.15	11.58%	-1.24%
18001190 8800 GTAF	48.82	66.54	65.5	82.91%	-1.50%
18001200 8800 GTAF	22.31	51.72	50.84	131.82%	-1.81%
F.A.R. Pirrama Madeira					
12001104 8800 GTAF	193	202	201	4.68%	-0.50%
18001190 8800 GTAF	156	168	157	8.67%	-1.80%
18001200 8800 GTAF	126	129	128	7.58%	-0.76%
12001104 8800 GTAF	91	96	97	7.69%	-1.83%
18001190 8800 GTAF	76	76	76	9.70%	0.00%

Hardware Platform	
CPU	Intel Core 2 Quad QX9650 Retail (DC 400MHz X 10)
Motherboard	Asustek P5E3 Deluxe/W8-AP (BIOS: 601 2007-11-07)
VGA Card	Gainward Bliss 8800GT 1524MB显存 (Core/Memory/Shader: 600/1800/1500MHz)
	Inno3d GeForce 8800GT 512MB (Core/Memory/Shader: 600/1800/1500MHz)
	Leadtek PX8800GT 256MB (Core/Memory/Shader: 600/1800/1500MHz)
DRAM	Kingston DDR3-1066 5-5-5-18 1T
HDD	WD Caviar WD3200YS
Cooler	Zalman CNPS 9700LED
PSU	Zippy G1-600W
Monitor	Dell 2407WFP
Software platform	
OS	Microsoft Windows Vista™ Ultimate 32bit Service Pack1, v 658
Drivers	NVIDIA Forceware 169.12 Beta Moded
Benchmark Tools	
System	Futuremark 3DMark05 V1.1.0
3D games	Enemy Territory Quake Wars V1.2.1 Timedemo NoAA NoAF and 4xAA 16xAF
	Half life2 EP2 Timedemo NoAA NoAF and 4xAA 16xAF
	F.E.A.R: Perseus Mandate build-in benchmark
	Call Of Duty 4 Fraps Ultra-Quality NoAA NoAF and 4xAA 16xAF
	Unreal Tournament 3 Final Benchmark Tools
	DIRT: Colin McRae Off-Road V1.1 Fraps Ultra-Quality
	Bioshock V1.0 Fraps Ultra-Quality
	Crysis Final build-in GPU Benchmark
	Call of Juarez V1.1.1.0 AMD version DX10 benchmark
	Company of Heroes Opposing Fronts V2.103.0 build-in benchmark
	World in Conflict V1.0.0.3b build-in benchmark
	Last Planet V1.004 build-in benchmark
	PT Boats: Knights of the Sea



18001190 4AAA 16xAF	84	88	86	8.26%	1.69%
12001104 16AA Shader on	116	120	116	1.45%	-0.81%
18001190 16AA Shader on	89	94	91	-5.62%	8.33%
18001190 16AA Shader on	71	75	74	5.63%	-1.33%
Call of Duty 4					
12001104 NoAA NoAF	112.172	119.211	118.174	2.18%	2.68%
18001190 NoAA NoAF	87.1	96.465	102.17	1.49%	2.71%
18001190 4AAA NoAF	79.612	82.885	85.615	3.88%	2.54%
12001104 4AAA 16xAF	55.413	73.837	74.128	31.86%	1.44%
18001190 4AAA 16xAF	38.18	59.252	61.865	49.76%	4.41%
18001190 4AAA 16xAF	32.319	49.887	53.635	54.36%	1.39%
PT benchmark					
12001104 Ultra-Quality	138.85	147.23	145.48	6.19%	-1.19%
18001190 Ultra-Quality	97.51	105.26	103.79	7.95%	-1.45%
18001190 Ultra-Quality	73.98	80.97	79.68	8.44%	-1.62%
Bioshock 0019					
12001104 NoAA Ultra-Quality	94.997	75.486	78.296	36.14%	1.01%
18001190 NoAA Ultra-Quality	96.44	71.44	74.363	37.36%	3.15%
18001190 NoAA Ultra-Quality	53.001	52.105	53.124	57.91%	-0.86%
Crysis GPU Benchmark					
12001104 NoAA	12.988	80.31	89.79	14.26%	-0.83%
18001190 NoAA	32.94	49.87	48.16	39.88%	2.29%
18001190 NoAA	28.55	39.86	39.625	35.48%	-0.14%
12001104 4AAA	12.55	31.295	31.75	146.36%	1.45%
18001190 4AAA	6.175	23.785	23.955	285.16%	0.71%
18001190 4AAA	4.898	14.425	14.115	282.26%	32.61%
Call of Juarez V1.1.1.0					
12001104 NoAA High Quality	16.7	28.4	28.2	44.16%	-0.70%
18001190 NoAA High Quality	16.4	24.3	24.5	48.17%	0.82%
18001190 NoAA High Quality	8.4	15.5	15.6	84.52%	38.50%
12001104 4AAA High Quality	18.4	24.1	24	98.48%	-0.41%
18001190 4AAA High Quality	9.4	18.1	20.2	80.64%	33.17%
18001190 4AAA High Quality	4.4	12.2	11.1	157.21%	48.16%
DIRT: Colin McRae Off-Road V1.1					
12001104 NoAA Ultra-Quality	44.034	47.885	48.723	5.59%	-0.70%
18001190 NoAA Ultra-Quality	36.797	39.398	39.198	8.96%	-0.44%
18001190 NoAA Ultra-Quality	29.318	33.187	33.177	12.92%	0.21%
12001104 4AAA Ultra-Quality	18.383	42.282	42.047	156.36%	-0.56%
18001190 4AAA Ultra-Quality	9.801	34.16	33.688	245.82%	-1.87%
18001190 4AAA Ultra-Quality	9.4	20.834	20.978	-0.30%	
Company of Heroes Of V2.103.0					
12001104 NoAA Ultra-Quality	45.8	58.6	60.9	36.79%	8.42%
18001190 NoAA Ultra-Quality	28.7	41.9	45.3	45.89%	8.59%
18001190 NoAA Ultra-Quality	26.6	34.3	37.8	96.56%	18.29%
12001104 4AAA Ultra-Quality	18.5	47.7	51.6	140.91%	8.19%
18001190 4AAA Ultra-Quality	14.2	34.9	38.6	145.77%	18.69%
18001190 4AAA Ultra-Quality	16.2	38.7	41.2	161.76%	16.89%
World in Conflict V1.0.0.3b					
12001104 NoAA NoAF	21	47	47	123.81%	0.00%
18001190 NoAA NoAF	17	40	40	135.29%	0.00%
18001190 NoAA NoAF	13	34	34	161.54%	0.00%
12001104 4AAA 16xAF	8	27	28	217.68%	3.79%
18001190 4AAA 16xAF	8	23	23	283.33%	0.00%
18001190 4AAA 16xAF	4	13	13	225.88%	53.88%
Last Planet V1.004 0019					
12001190 NoAA NoAF	49.1	53.1	52.2	6.19%	-1.69%
18001190 NoAA NoAF	33.7	38.5	37.4	14.24%	-2.86%
18001190 NoAA NoAF	24.1	30.4	30.1	26.14%	-0.90%
12001190 4AAA 16xAF	32	45.8	43.7	43.13%	-4.59%
18001190 4AAA 16xAF	18.4	33.8	31.9	82.81%	-5.98%
18001190 4AAA 16xAF	13	23.7	20.1	81.88%	-2.31%
12001190 8AAA 16xAF	14.9	38.8	36.9	189.58%	3.98%
18001190 8AAA 16xAF	3	24.7	22.6	723.33%	-8.50%
18001190 8AAA 16xAF	9.4	19.7	11.5	18.22%	
PT Boats:Knights of the Sea					
12001104 NoAA High Quality	9.9	48.8	48.9	282.83%	0.20%
18001190 NoAA High Quality	8.2	38.9	42	238.85%	36.12%
18001190 NoAA High Quality	7	20.1	17.6	187.14%	37.96%
12001104 4AAA High Quality	4.6	14.8	20.2	231.74%	37.59%
18001190 4AAA High Quality	3.2	11	23.6	243.75%	114.55%
18001190 4AAA High Quality	2.3	4.3	18.6	88.98%	188.87%
Average				18.22%	19.47%



A destra la tabella relativa alla configurazione di prova, a sinistra la tabella riassuntiva dei test

Buona lettura.