



High Speed CF card

Performance list



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H/W : TestMetrix VTE 2100 F/W : CF_Card-PIO Mode & Performance DMA socket#1, 2.8P HDBench 3.40b6 Test Platform: Athlon XP 3200+, Windows XP SP2, GL819 Card Reader,									
Flash Vendor	Flash P/N	SM222 Frequency	Flash Number/Mode	Verify PIO Mode 6 (MB/S)	Write PIO Mode 6 (MB/S)	HD-Seq-Read	HD-Seq-Write	HD-Random-Read	HD-Random-Write
	K9F1G08U0M	40MHz	1	13.47	11.77	14,120	9,636	14,120	2,427
			2	22.52	19.38	18,934	15,749	18,934	3,144
			4	23.07	21.39	18,934	16,623	18,934	3,073
	K9F2G08U0M	40MHz	1	13.33	10.95	13,120	10,301	14,120	2,493
			2	22.36	17.78	18,823	16,141	18,934	3,168
			4	23.19	20.29	18,934	17,704	18,934	3,360
	K9F2G08U0A	40MHz	1	14.23	6.11	12,698	5,698	12,648	1,354
			2	23.09	10.65	18,823	9,897	18,830	1,191
			4	23.61	19.21	18,830	17,332	18,927	775
		55MHz	1	17.71	6.69	15,379	6,181	15,454	1,504
			2	24.22	11.16	18,934	10,301	18,934	1,320
			4	24.26	20.20	18,934	17,802	18,927	869
	K9F4G08U0M	40MHz	1	13.22	9.68	12,132	6,078	12,178	1,397
			2	22.27	15.04	18,201	8,443	18,194	1,149
			4	23.45	21.21	18,611	13,371	18,720	752
		55MHz	1	15.96	10.95	14,562	5,871	14,491	1,388
			2	23.48	15.56	18,830	8,853	18,927	1,257
			4	24.13	21.86	18,934	15,094	18,934	838
	K9K4G08U0M	40MHz	1	13.64	12.35	11,868	8,902	11,871	2,286
			2	22.45	16.93	18,201	15,980	18,194	1,888
			4	23.32	20.62	18,713	15,822	18,510	2,592
	K9K8G08U0M	40MHz	1	13.74	12.22	12,089	11,999	12,132	1,243
			2	22.62	19.72	18,298	17,516	18,298	789
			4	23.47	19.83	17,996	4,926	18,934	789
55MHz		1	17.43	14.30	14,182	12,648	14,120	1,357	
		2	23.93	20.94	18,927	17,902	18,934	878	
		4	24.10	21.01	18,098	5,371	18,934	876	
K9W8G08U1M	40MHz	1	14.04	10.07	12,364	12,175	12,409	2,604	
		2	23.19	19.13	18,611	16,295	18,503	2,894	
	55MHz	1	17.06	10.27	14,888	14,434	14,957	2,841	
		2	23.79	19.45	18,934	16,710	18,934	2,986	
K9WAG08U1A	40MHz	1	14.23	12.11	12,651	11,454	12,695	1,231	
		2	23.50	20.24	18,002	5,009	18,934	807	
		4	23.51	20.25	17,996	5,079	18,934	804	
	55MHz	1	17.49	13.19	15,306	12,506	15,379	1,375	
		2	24.12	20.64	18,201	5,478	18,927	898	
		4	24.12	20.65	18,201	5,562	19,040	893	

Flash Vendor	Flash P/N	SM222 Frequency	Flash Number	Verify PIO Mode 6 (MB/S)	Write PIO Mode 6 (MB/S)	HD-Seq-Read	HD-Seq-Write	HD-Random-Read	HD-Random-Write
	K9G4G08U0M	40MHz	1	12.53	4.11	11,294	3,135	11,297	311
			2	20.78	7.08	17,426	5,914	17,516	191
			4	20.79	7.07	17,420	5,893	17,516	191



Samsung	K9L8G08U0M	40MHz	1	12.65	4.66	11,536	3,628	11,575	354
			2	20.92	7.75	17,426	6,313	17,516	208
			4	20.92	7.84	17,710	5,978	17,704	301
	K9HAG08U1M	40MHz	1	12.56	4.08	11,495	3,199	11,534	312
			2	20.79	6.65	17,612	5,159	17,704	264
			4	20.81	6.99	17,426	4,328	17,516	181
	K9MBG08U5M	40MHz	1	12.51	4.32	10,706	1,804	11,375	324
			2	20.76	7.05	17,420	1,405	17,522	190
	K9G8G08U0M	40MHz	1	12.65	4.66	10,776	3,482	10,813	356
			2	20.92	7.75	16,295	5,747	16,378	205
			4	20.92	7.84	16,970	6,324	17,060	320

H/W : TestMetrix VTE 2100
 F/W : CF_Card-PIO Mode & Performance DMA socket#1, 2.8P

HDBench 3.40b6
 Test Platform: Athlon XP 3200+, Windows XP SP2, GL819 Card Reader,

Flash Vendor	Flash P/N	SM222 Frequency	Flash Number	Verify PIO Mode 6 (MB/S)	Write PIO Mode 6 (MB/S)	HD-Seq-Read	HD-Seq-Write	HD-Random-Read	HD-Random-Write
Hynix	HY27S08121A	40MHz	1	9.22	1.55	8531	1449	7329	710
			2	17.26	2.84	15027	2663	12796	1217
			4	17.42	4.56	15027	4283	15027	1610
	HY27UF084G2M	40MHz	1	9.89	4.83	9,228	4,615	9,228	1,054
			2	19.06	8.77	16,886	8,510	16,970	910
			4	23.31	20.3	18,830	17,516	18,927	3165
	HY27UG088G5M	40MHz	1	10.37	9.02	9,579	8,011	8,210	883
			2	20.09	17.13	13,939	16,136	17,516	598
			4	20.09	17.13	16,623	16,246	17,612	622
HY27UH08AG5M	40MHz	1	10.48	9.56	9,780	9,228	9,778	2,370	
		2	20.19	17.85	17,332	10,142	17,606	2,846	
		4	20.19	17.88	17,420	10,270	17,710	2,836	

Flash Vendor	Flash P/N	SM222 Frequency	Flash Number	Verify PIO Mode 6 (MB/S)	Write PIO Mode 6 (MB/S)	HD-Seq-Read	HD-Seq-Write	HD-Random-Read	HD-Random-Write
Hynix	HY27UT084G2M	40MHz	1	9.06	2.59	8,400	2,023	8,400	416
			2	17.57	5.11	15,379	3,938	15,449	323
			4	17.66	5.12	15,306	3,928	15,454	325
	HY27UU088G5M	40MHz	1	9.14	3.24	8,465	2,472	8,465	497
			2	17.68	6.29	15,375	4,674	15,454	371
			4	17.68	6.31	14,430	2,197	15,524	370
	HY27UV08AG5M	40MHz	1	9.38	2.81	8,599	2,203	8,599	448
			2	18.17	5.24	14,305	1,892	15,524	517
			4	18.19	5.27	14,305	1,811	15,524	343
	HY27UW08BGF M	40MHz	1	9.03	3.22	8,509	2,461	8,531	494
2			17.52	6.23	14,369	2,071	15,524	367	

H/W : TestMetrix VTE 2100 F/W : CF_Card-PIO Mode & Performance DMA socket#1, 2.8P



HDBench 3.40b6 Test Platform: Athlon XP 3200+, Windows XP SP2, GL819 Card Reader,

Flash Vendor	Flash P/N	SM222 Frequency	Flash Number	Verify PIO Mode 6 (MB/S)	Write PIO Mode 6 (MB/S)	HD-Seq-Read	HD-Seq-Write	HD-Random-Read	HD-Random-Write
Micron	MT29F2G08AAB	40MHz	1	13.50	7.70	14,392	6,858	14,242	2,044
			2	22.54	15.03	18,703	12,018	18,980	2,569
			4	23.26	20.93	18,720	17,458	18,980	3,047
	MT29F2G08AAC	40MHz	1	13.74	6.66	14,392	5,984	14,545	1,780
			2	22.60	11.41	18,703	11,010	18,980	2,361
			4	23.28	20.97	18,980	16,800	18,962	2,652
	MT29F4G08BAB	40MHz	1	13.80	6.55	12,225	6,216	12,222	1,751
			2	22.42	12.03	18,098	11,575	18,201	2,441
			4	23.26	20.16	18,823	17,420	18,830	2,899

	Flash P/N	SM222 Frequency	Flash Number	Write PIO Mode 6 (MB/S)	Verify PIO Mode 6 (MB/S)	HD-Seq-Read	HD-Seq-Write	HD-Random-Read	HD-Random-Write
Micron	MT29F4G08MAA	40MHz	1	11.32	2.20	10,051	1,786	10,078	436
			2	19.30	4.40	15,826	3,493	15,900	568
			4	19.31	4.46	15,822	3,434	15,905	564

H/W : TestMetrix VTE 2100
 F/W : CF_Card-PIO Mode & Performance DMA socket#1, 2.8P

HDBench 3.40b6
 Test Platform: Athlon XP 3200+, Windows XP SP2, GL819 Card Reader,

Flash Vendor	Flash P/N	SM222 Frequency	Flash Number	Verify PIO Mode 6 (MB/S)	Write PIO Mode 6 (MB/S)	HD-Seq-Read	HD-Seq-Write	HD-Random-Read	HD-Random-Write
Toshiba	TC58NVG1D4BTG00	40Mhz	1	12.93	3.47	11,492	3,224	11,495	744
			2	21.32	6.59	17,426	5,788	17,332	943
			4	21.33	6.58	17,516	5,978	17,426	955
	TH58NVG3D4BTG00	40Mhz	1	12.98	2.56	11,657	2,391	11,536	554
			2	21.41	4.99	17,426	4,538	17,420	728