

CPU Test:

Procedure:

- (i) Install O.S.
- (ii) Run 3DMark 2006 Professional Edition Build Ver. 1.2.0 BenchMark - 3 times.
- (iii) Run S1/S3/S4/S5 - 3 times.

No.	CPU	Type	Result
1	Intel / 2.6GHz	Core i7-3720QM (Ivy Bridge/E0-QBZX) / PGA988B	Pass
2	Intel / 2.6GHz	Core i7-3720QM (Ivy Bridge/E1-SR0ML) / PGA988B	Pass
3	Intel / 2.1GHz	Core i7-3612QM (Ivy Bridge/E0-QC2A) / PGA988B	Pass
4	Intel / 2.3GHz	Core i7-3610QE (Ivy Bridge/E0-QC0Z) / PGA988B	Pass
5	Intel / 2.3GHz	Core i7-3610QE (Ivy Bridge/E1-SR0NP) / PGA988B	Pass
6	Intel / 2.7GHz	Core i7-2620M (Sandy Bridge/J1-SR03F) / PGA988B	Pass
7	Intel / 2.2GHz	Core i7-2720QM (Sandy Bridge/D2-SR014) / PGA988B	Pass
8	Intel / 2.1GHz	Core i7-2710QE (Sandy Bridge/D2-SR02T) / PGA988B	Pass
9	Intel / 2.7GHz	Core i5-3610ME (Ivy Bridge/E0-QC7S) / PGA988B	Pass
10	Intel / 2.6GHz	Core i5-2540M (Sandy Bridge/J1-SR044) / PGA988B	Pass
11	Intel / 2.5GHz	Core i5-2520M (Sandy Bridge/J1-SR048) / PGA988B	Pass
12	Intel / 2.5GHz	Core i5-2510E (Sandy Bridge/D2-SR02U) / PGA988B	Pass
13	Intel / 2.4GHz	Core i3-3120ME (Ivy Bridge/E0-QC51) / PGA988B	Pass
14	Intel / 2.2GHz	Core i3-2330E (Sandy Bridge/J1-SR02V) / PGA988B	Pass
15	Intel / 2.1GHz	Core i3-2310M (Sandy Bridge/J1-SR04R) / PGA988B	Pass

DDR3 SO-DIM Module Test:

Procedure:

- (i) Install O.S.
- (ii) Run 3DMark 2006 Professional Edition Build Ver. 1.2.0 BenchMark - 3 times.
- (iii) Run S1/S3/S4/S5 - 3 times.

No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
1	Transcend	Micron	8GB	PC3-12800 (DDR3-1600)	1ZD27-D9PBC	TS1GSK64V6H 1.5V	Pass
2	Apacer	Hynix	4GB	PC3-12800 (DDR3-1600)	H5TQ2G83BFR PBC	78.B2GCJAF10C 1.5V	Pass
3	Hynix	Hynix	4GB	PC3-12800 (DDR3-1600)	H5TQ2G83BFR PBC	HMT351S6BFR8C-PBNO 1.5V	Pass
4	A-Data	ELPIDA	4GB	PC3-12800 (DDR3-1600)	J2108BCSE-GN-F	SU3S1600C4G11-B 1.5V	Pass
5	Apacer	Micron	4GB	PC3-12800 (DDR3L-1600)	2DM77-D9PFJ	75.B83DL.G000C 1.35V/1.5V	Pass
6	INNODISK	Micron	4GB	PC3-12800 (DDR3L-1600)	1XM77-D9PFJ	M3SP-4GMJDL0C-M 1.35V/1.5V	Pass
7	Hynix	Hynix	2GB	PC3-12800 (DDR3-1600)	H5TQ2G83BFR PBC	HMT325S6BFR8C-PBNO 1.5V	Pass
8	A-Data	ELPIDA	2GB	PC3-12800 (DDR3-1600)	J2108BCSE-GN-F	EL74C1B08 10281590 1.5V	Pass
9	INNODISK	Micron	2GB	PC3-12800 (DDR3L-1600)	1WM77-D9PFJ	M3SP-2GMJCL0C-M 1.35V/1.5V	Pass
10	Hynix	Hynix	1GB	PC3-12800 (DDR3-1600)	H5TQ2G63BFR PBC	HMT312S6BFR6C-PBNO 1.5V	Pass
11	Panram	NB	8GB	PC3-10600 (DDR3-1333)	K2BASESF	200D38G328 1.5V	Pass
12	Transcend	Micron	8GB	PC3-10600 (DDR3-1333)	1ZD27-D9PBC	TS1GSK64V3H 1.5V	Pass
13	A-Data	ELPIDA	8GB	PC3-10600 (DDR3-1333)	J4208BBBG-GN-F	EL7311D167HZ1 1.5V	Pass
14	Transcend	Hynix	4GB	PC3-10600 (DDR3-1333)	H5TQ2G83AFR H9C	TS512MSK64V3N 1.5V	Pass
15	Kingston	ELPIDA	4GB	PC3-10600 (DDR3-1333)	J2108BASE-DJ-F	KVR1333D3S9/4G 1.5V	Pass
16	DSL	Hynix	4GB	PC3-10600 (DDR3-1333)	H5TQ2G83BFR H9C	D3SH56082XH15AA 1.5V	Pass
17	Crucial	Micron	4GB	PC3-10600 (DDR3-1333)	ICD77D9LGK	CT51264BC1339.16FR 1.5V	Pass
18	Transcend	SEC	4GB	PC3-10600 (DDR3-1333)	K4B2G0846C	TS512MSK64V3N-I 1.5V	Pass
19	Transcend	Hynix	4GB	PC3-10600 (DDR3-1333)	H5TQ2G83CFR H9C	TS512MSK64V3N 1.5V	Pass
20	Transcend	SEC	4GB	PC3-10600 (DDR3-1333)	K4B2G0846C	TS512MSK64V3N 1.5V	Pass

No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
21	Apacer	ELPIDA	4GB	PC3-10600 (DDR3L-1333)	J2108ECSE-DJ-F	78.B2GCL4210C 1.35V	Pass
22	Transcend	Hynix	4GB	PC3-10600 (DDR3L-1333)	H5TQ2G83BFR-H9C	TS512MSK64W3N 1.35V/1.5V	Pass
23	Apacer	Apacer	2GB	PC3-10600 (DDR3-1333)	AM5D5808MIJSBG 1.5V	AM5D5808MIJSBG 1.5V	Pass
24	G.SKILL	Nanya	2GB	PC3-10600 (DDR3-1333)	NT5CB128M8AN-CG	F3-10666CL9S-2GBSQ 1.5V	Pass
25	ELPIDA	SILICON	2GB	PC3-10600 (DDR3-1333)	J1108BABG-DJ-E	SP002GBSTU133S02 1.5V	Pass
26	DSL	Hynix	2GB	PC3-10600 (DDR3-1333)	H5TQ2G83BFR H9C	D3SH56081XH15AA 1.5V	Pass
27	Transcend	ELPIDA	2GB	PC3-10600 (DDR3-1333)	J1108BFBG-DJ-F	TS256MSK64V3U 1.5V	Pass
28	Crucial	Micron	2GB	PC3-10600 (DDR3-1333)	OMD12D9LGK	CT25664BC1339.8FD 1.5V	Pass
29	Transcend	SEC	2GB	PC3-10600 (DDR3-1333)	K4B2G0846C	TS256MSK64V3N-I 1.5V	Pass
30	Transcend	Hynix	2GB	PC3-10600 (DDR3-1333)	H5TQ2G83BFR H9C	TS256MSK64V3N 1.5V	Pass
31	Transcend	Hynix	2GB	PC3-10600 (DDR3-1333)	H5TQ2G83CFR H9C	TS256MSK64V3N 1.5V	Pass
32	Transcend	SEC	2GB	PC3-10600 (DDR3-1333)	K4B2G0846C	TS256MSK64V3N 1.5V	Pass
33	Apacer	Hynix	2GB	PC3-10600 (DDR3-1333)	H5TQ2G83CFR H9C	75.A83C7.G040C 1.5V	Pass
34	Apacer	ELPIDA	2GB	PC3-10600 (DDR3L-1333)	J2108ECSE-DJ-F	78.A2GCL4200C 1.35V	Pass
35	Transcend	Hynix	2GB	PC3-10600 (DDR3L-1333)	H5TQ2G83BFR-H9C	TS256MSK64W3N 1.35V/1.5V	Pass
36	Transcend	ELPIDA	1GB	PC3-10600 (DDR3-1333)	J1108BABG-DJ-E	TS128MSK64V3U 1.5V	Pass
37	Apacer	Apacer	1GB	PC3-10600 (DDR3-1333)	AM5D5808MIJSBG 1.5V	AM5D5808MIJSBG 1.5V	Pass
38	DSL	Hynix	1GB	PC3-10600 (DDR3-1333)	H5TQ1G83BFR H9C	D3SH28081XH15AA 1.5V	Pass
39	Apacer	ELPIDA	1GB	PC3-10600 (DDR3-1333)	J1108BFBG-DJ-F	78.02GC6.420 1.5V	Pass
40	Crucial	Micron	1GB	PC3-10600 (DDR3-1333)	0NDI2-D9LGQ	CT12864BC1339.4FD 1.5V	Pass
41	Transcend	Hynix	1GB	PC3-10600 (DDR3-1333)	H5TQ1G83TFR H9C	TS128MSK64V3U 1.5V	Pass
42	Transcend	SEC	1GB	PC3-10600 (DDR3-1333)	K4B1G0846G	TS128MSK64V3U 1.5V	Pass
43	Transcend	Hynix	4GB	PC3-8500 (DDR3-1066)	H5TQ2G83AFRH9C	TS512MSK64V1N 1.5V	Pass

No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
44	Kingston	ELPIDA	4GB	PC3-8500 (DDR3-1066)	J2108BASE-DJ-F	KVR1066D3S7/4G 1.5V	Pass
45	Apacer	Apacer	2GB	PC3-8500 (DDR3-1066)	AM5D5808MIJSBG 1.5V	AM5D5808MIJSBG 1.5V	Pass
46	G.SKILL	Nanya	2GB	PC3-8500 (DDR3-1066)	NT5CB128M8AN-CG	F3-8500CL7D-4GBSQ 1.5V	Pass
47	Transcend	ELPIDA	2GB	PC3-8500 (DDR3-1066)	J1108BASE-AE-E	TS256MSK64V1U 1.5V	Pass
48	Kingston	ELPIDA	2GB	PC3-8500 (DDR3-1066)	J1108BABG-DJ-E	KVR1066D3S7/2G 1.5V	Pass
49	A-Data	A-Data	2GB	PC3-8500 (DDR3-1066)	AD30908C8D-18GG	AD31066002GOS (AD7YG1B16723) 1.5V	Pass
50	SILICON	S-POWER	2GB	PC3-8500 (DDR3-1066)	IOYT3NO	SP002GBSTU106S02 1.5V	Pass
51	Apacer	Apacer	1GB	PC3-8500 (DDR3-1066)	AM5D5808MIJSBG 1.5V	AM5D5808MIJSBG 1.5V	Pass
52	Transcend	SEC	1GB	PC3-8500 (DDR3-1066)	K4B1G0846D	TS128MSK64V1U 1.5V±0.75	Pass
53	Kingston	ELPIDA	1GB	PC3-8500 (DDR3-1066)	J1108BABG-DJ-E	KVR1066D3S7/1G 1.5V	Pass
54	A-Data	A-Data	1GB	PC3-8500 (DDR3-1066)	AD30908C8D-18GG	AD31066001GOS (AD7YG1A08703) 1.5V	Pass

*Each memory module tested at room temperature.