

4. Reliability Test:

4.1 CPU Test:

Procedure:

- (i) Install Windows® XP Professional x64 Edition (English) & SP1.
- (ii) Run 3DMark2001 SE Pro Build330 - 4 times.
- (iii) Run S1/S3/S5 - 2 times.

No.	CPU	Type	FSB	Result
1	Intel / 3.6GHz	Pentium D-960 (Presler/C1) / LGA775	800MHz	Pass
2	Intel / 3.4GHz	Pentium D-950 (Presler/B1) / LGA775	800MHz	Pass
3	Intel / 3.2GHz	Pentium D-940 (Presler/C1) / LGA775	800MHz	Pass
4	Intel / 3.2GHz	Pentium D-940 (Presler/B1) / LGA775	800MHz	Pass
5	Intel / 3.0GHz	Pentium D-930 (Presler/B1) / LGA775	800MHz	Pass
6	Intel / 2.8GHz	Pentium D-920 (Presler/B1) / LGA775	800MHz	Pass
7	Intel / 3.2GHz	Pentium D-840 (SmithField/A0) / LGA775	800MHz	Pass
8	Intel / 3.0GHz	Pentium D-830 (SmithField/ES) / LGA775	800MHz	Pass
9	Intel / 2.8GHz	Pentium D-820 (SmithField/A0) / LGA775	800MHz	Pass
10	Intel / 3.6GHz	Pentium 4-660 (Prescott/N0) / LGA775	800MHz	Pass
11	Intel / 3.4GHz	Pentium 4-651 (Cedar Mill/B1) / LGA775	800MHz	Pass
12	Intel / 3.4GHz	Pentium 4-650 (Prescott/N0) / LGA775	800MHz	Pass
13	Intel / 3.4GHz	Pentium 4-650 (Prescott/N0) / LGA775	800MHz	Pass
14	Intel / 3.2GHz	Pentium 4-641 (Cedar Mill/B1) / LGA775	800MHz	Pass
15	Intel / 3.2GHz	Pentium 4-640 (Prescott/N0) / LGA775	800MHz	Pass
16	Intel / 3.0GHz	Pentium 4-630 (Prescott/N0) / LGA775	800MHz	Pass
17	Intel / 3.0GHz	Pentium 4-630 (Prescott/N0) / LGA775	800MHz	Pass
18	Intel / 3.0GHz (1.376V)	Pentium 4-531 (Prescott/E0) / LGA775	800MHz	Pass
19	Intel / 3.06GHz	Pentium 4-524 (Prescott/G1) / LGA775	533MHz	Pass
20	Intel / 2.66GHz	Pentium D-805 (SmithField/B0) / LGA775	533MHz	Pass
21	Intel / 3.33GHz	Celeron D-356 (Cedar Mill/B1) / LGA775	533MHz	Pass
22	Intel / 3.2GHz	Celeron D-351 (Prescott/E0) / LGA775	533MHz	Pass

Procedure:

- (i) Install Windows® XP Professional (English) & SP2.
- (ii) Run 3DMark2001 SE Pro Build330 - 4 times.
- (iii) Run S1/S3/S5 - 2 times.

No.	CPU	Type	FSB	Result
1	Intel / 3.8GHz	Pentium 4-570J (Prescott/E0) / LGA775	800MHz	Pass
2	Intel / 3.8GHz	Pentium 4-570J (Prescott/E0) / LGA775	800MHz	Pass
3	Intel / 3.6GHz	Pentium 4-560J (Prescott/E0) / LGA775	800MHz	Pass
4	Intel / 3.6GHz	Pentium 4-560 (Prescott/D0) / LGA775	800MHz	Pass
5	Intel / 3.4GHz	Pentium 4-550J (Prescott/E0) / LGA775	800MHz	Pass
6	Intel / 3.4GHz	Pentium 4-550 (Prescott/D0) / LGA775	800MHz	Pass
7	Intel / 3.2GHz	Pentium 4-540 (Prescott/D0) / LGA775	800MHz	Pass
8	Intel / 3.2GHz	Pentium 4-540 (Prescott/D0) / LGA775	800MHz	Pass
9	Intel / 3.0GHz	Pentium 4-530J (Prescott/E0) / LGA775	800MHz	Pass
10	Intel / 3.0GHz	Pentium 4-530 (Prescott/D0) / LGA775	800MHz	Pass
11	Intel / 2.8GHz	Pentium 4-520 (Prescott/D0) / LGA775	800MHz	Pass
12	Intel / 3.06GHz	Celeron D-345J (Prescott/E0) / LGA775	533MHz	Pass
13	Intel / 2.93GHz	Celeron D-340J (Prescott/E0) / LGA775	533MHz	Pass
14	Intel / 2.93GHz	Celeron D-340 (Prescott/D0) / LGA775	533MHz	Pass
15	Intel / 2.8GHz	Celeron D-335J (Prescott/E0) / LGA775	533MHz	Pass
16	Intel / 2.66GHz	Celeron D-330J (Prescott/E0) / LGA775	533MHz	Pass

4.2 DDR Module Test:

No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
1	Geil	Geil	512MB	PC4000 (DDR500)	GL1GB4000DC	GL1GB4000DC	Pass
2	Yosun	Samsung	1GB	PC3200 (DDR400)	K4H510838B-TCCC	M368L2923BTM-CCC	Pass
3	Transcend	Samsung	1GB	PC3200 (DDR400)	K4H510838C-UCCC		Pass
4	Transcend	Samsung	1GB	PC3200 (DDR400)	K4H510838D-UCCC	TS128MLD64V4J RoHS	Pass
5	Kingmax	Kingmax	512MB	PC3200 (DDR400)	KDL388P4KA-50	MPXC22D-38KT3RWBA	Pass
6	MemorySolutioN	TakeMS	512MB	PC3200 (DDR400)	MS25D25680S-5	MS64D64020U-5	Pass
7	MemorySolutioN	Infineon	512MB	PC3200 (DDR400)	HYB25D256800BT-5	HYS64D64320GU-5-B	Pass
8	A-Data	Hynix	512MB	PC3200 (DDR400)	HY5DU56822BT-D43	MDOHY6F3H416B1EZZ	Pass
9	A-Data	Mosel	512MB	PC3200 (DDR400)	V58C2256804SAT5		Pass
10	Kingston	Winbond	512MB	PC3200 (DDR400)	W942508BH-5	KVR400X64C25/512	Pass
11	Geil	Geil	512MB	PC3200 (DDR400)	CL25-3-3DDR 400		Pass