

## 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 / 2.3GHz | Core i7-2820QM (Sandy Bridge/D2-SR012) / PGA988B | Pass   |
| 2   | Intel / 2.2GHz | Core i7-2720QM (Sandy Bridge/D2-SR014) / PGA988B | Pass   |
| 3   | Intel / 2.1GHz | Core i7-2710QE (Sandy Bridge/D2-SR02T) / PGA988B | Pass   |
| 4   | Intel / 2.5GHz | Core i5-2520M (Sandy Bridge/J1-SR048) / PGA988B  | Pass   |
| 5   | 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 Ver. 1.2.0. - 3 times.
- (iii) Run S1/S3/S4/S5 - 3 times.

| No. | Brand     | Chip   | Size | Type                     | Chip Model No.      | Vendor Part No.                      | Result |
|-----|-----------|--------|------|--------------------------|---------------------|--------------------------------------|--------|
| 1   | Transcend | Hynix  | 4GB  | PC3-10600<br>(DDR3-1333) | H5TQ2G83AFR H9C     | TS512MSK64V3N 1.5V                   | Pass   |
| 2   | Kingston  | ELPIDA | 4GB  | PC3-10600<br>(DDR3-1333) | J2108BASE-DJ-F      | KVR1333D3S9/4G 1.5V                  | Pass   |
| 3   | INNODISK  | Hynix  | 4GB  | PC3-10600<br>(DDR3-1333) | H5TQ2G83BFR H9C     | M3SN-4GHJDC09-B 1.5V                 | Pass   |
| 4   | DSL       | Hynix  | 4GB  | PC3-10600<br>(DDR3-1333) | H5TQ2G83BFR H9C     | D3SH56082XH15AA 1.5V                 | Pass   |
| 5   | G.SKILL   | Nanya  | 2GB  | PC3-10600<br>(DDR3-1333) | NT5CB128M8AN-CG     | F3-10666CL9S-2GBSQ 1.5V              | Pass   |
| 6   | INNODISK  | Hynix  | 2GB  | PC3-10600<br>(DDR3-1333) | H5TQ2G83BFR H9C     | M3SN-2GHJCC09-B 1.5V                 | Pass   |
| 7   | Apacer    | Hynix  | 2GB  | PC3-10600<br>(DDR3-1333) | H5TQ2G83BFR H9C     | 78.A2GC9.AF0 1.5V                    | Pass   |
| 8   | DSL       | Hynix  | 2GB  | PC3-10600<br>(DDR3-1333) | H5TQ2G83BFR H9C     | D3SH56081XH15AA 1.5V                 | Pass   |
| 9   | Transcend | ELPIDA | 2GB  | PC3-10600<br>(DDR3-1333) | J1108BFBG-DJ-F      | TS256MSK64V3U 1.5V                   | Pass   |
| 10  | Transcend | Hynix  | 2GB  | PC3-10600<br>(DDR3-1333) | H5TQ2G83BFR H9C     | TS256MSK64V3N 1.5V                   | Pass   |
| 11  | Transcend | SEC    | 2GB  | PC3-10600<br>(DDR3-1333) | K4B1G0846F          | TS256MSK64V3U 1.5V                   | Pass   |
| 12  | INNODISK  | Hynix  | 1GB  | PC3-10600<br>(DDR3-1333) | H5TQ1G83DFR H9C     | M3SN-1GHFCC09-D 1.5V                 | Pass   |
| 13  | DSL       | Hynix  | 1GB  | PC3-10600<br>(DDR3-1333) | H5TQ1G83BFR H9C     | D3SH28081XH15AA 1.5V                 | Pass   |
| 14  | Apacer    | ELPIDA | 1GB  | PC3-10600<br>(DDR3-1333) | J1108BFBG-DJ-F      | 78.02GC6.420 1.5V                    | Pass   |
| 15  | Transcend | Hynix  | 4GB  | PC3-8500<br>(DDR3-1066)  | H5TQ2G83AFRH9C      | TS512MSK64V1N 1.5V                   | Pass   |
| 16  | Kingston  | ELPIDA | 4GB  | PC3-8500<br>(DDR3-1066)  | J2108BASE-DJ-F      | KVR1066D3S7/4G 1.5V                  | Pass   |
| 17  | Apacer    | Apacer | 2GB  | PC3-8500<br>(DDR3-1066)  | AM5D5808MIJSBG 1.5V | AM5D5808MIJSBG 1.5V                  | Pass   |
| 18  | G.SKILL   | Nanya  | 2GB  | PC3-8500<br>(DDR3-1066)  | NT5CB128M8AN-CG     | F3-8500CL7D-4GBSQ 1.5V               | Pass   |
| 19  | A-Data    | A-Data | 2GB  | PC3-8500<br>(DDR3-1066)  | AD30908C8D-18GG     | AD31066002GOS<br>(AD7YG1B16723) 1.5V | Pass   |
| 20  | A-Data    | Hynix  | 2GB  | PC3-8500<br>(DDR3-1066)  | H5TQ1G83AFPG7C      | AD31066002GMS<br>(HY7YG1B1672Z) 1.5V | Pass   |

| No. | Brand     | Chip    | Size | Type                    | Chip Model No.      | Vendor Part No.                      | Result |
|-----|-----------|---------|------|-------------------------|---------------------|--------------------------------------|--------|
| 21  | SILICON   | S-POWER | 2GB  | PC3-8500<br>(DDR3-1066) | IOYT3NO             | SP002GBSTU106S02 1.5V                | Pass   |
| 22  | Apacer    | Apacer  | 1GB  | PC3-8500<br>(DDR3-1066) | AM5D5808MIJSBG 1.5V | AM5D5808MIJSBG 1.5V                  | Pass   |
| 23  | Transcend | SEC     | 1GB  | PC3-8500<br>(DDR3-1066) | K4B1G0846D          | TS128MSK64V1U 1.5V±0.75              | Pass   |
| 24  | A-Data    | A-Data  | 1GB  | PC3-8500<br>(DDR3-1066) | AD30908C8D-18GG     | AD31066001GOS<br>(AD7YG1A08703) 1.5V | Pass   |
| 25  | Transcend | SEC     | 1GB  | PC3-8500<br>(DDR3-1066) | K4B1G0846F          | TS128MSK64V1U 1.5V                   | Pass   |
| 26  | Transcend | ELPIDA  | 1GB  | PC3-8500<br>(DDR3-1066) | J1108BFBG-DJ-F      | TS128MSK64V1U 1.5V                   | Pass   |

\*Each memory module tested at room temperature.