

CPU Test:

Procedure:

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

| No. | CPU | Type | Result |
|-----|----------------|--|--------|
| 1 | Intel / 3.4GHz | Core i7-3770 (IvyBridge/E0-QC1W) / LGA1155 | Pass |
| 2 | Intel / 3.3GHz | Core i5-3550 (IvyBridge/E1-SR0P0) / LGA1155 | Pass |
| 3 | Intel / 3.1GHz | Core i5-3450 (IvyBridge/E1-SR0PF) / LGA1155 | Pass |
| 4 | Intel / 3.0GHz | Core i5-3550S (IvyBridge/E1-SR0P3) / LGA1155 | Pass |
| 5 | Intel / 3.4GHz | Core i7-870 (Lynnfield/B1-SLBJG) / LGA1156 | Pass |
| 6 | Intel / 3.3GHz | Core i5-2500K (SandyBridge/D2-SR008) / LGA1155 | Pass |
| 7 | Intel / 3.3GHz | Core i5-2500 (SandyBridge/D2-SR00T) / LGA1155 | Pass |
| 8 | Intel / 3.1GHz | Core i5-2400 (SandyBridge/D2-SR00Q) / LGA1155 | Pass |
| 9 | Intel / 2.7GHz | Core i5-2390T (SandyBridge/Q0-SR065) / LGA1155 | Pass |
| 10 | Intel / 2.9GHz | Core i5-2310 (SandyBridge/D2-SR02K) / LGA1155 | Pass |
| 11 | Intel / 2.8GHz | Core i5-2300 (SandyBridge/D2-SR00D) / LGA1155 | Pass |
| 12 | Intel / 3.3GHz | Core i3-2120 (SandyBridge/Q0-SR05Y) / LGA1155 | Pass |
| 13 | Intel / 3.1GHz | Core i3-2105 (SandyBridge/Q0-SR0BA) / LGA1155 | Pass |
| 14 | Intel / 3.1GHz | Core i3-2100 (SandyBridge/Q0-SR05C) / LGA1155 | Pass |
| 15 | Intel / 2.9GHz | Pentium-G850 (SandyBridge/Q0-SR05Q) / LGA1155 | Pass |
| 16 | Intel / 2.8GHz | Pentium-G840 (SandyBridge/Q0-SR05P) / LGA1155 | Pass |
| 17 | Intel / 2.6Hz | Pentium-G620 (SandyBridge/Q0-SR05R) / LGA1155 | Pass |
| 18 | Intel / 2.5Hz | Celeron-G540 (SandyBridge/D2-SR05J) / LGA1155 | Pass |

DDR3 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 | Hynix | Hynix | 4GB | PC3-12800 (DDR3-1600) | H5TQ2G83BFR PBC | HMT351U6BFR8C-PBNO 1.5V [256Mx8b x16/512Mx64b,CL=11] | Pass |
| 2 | Hynix | Hynix | 2GB | PC3-12800 (DDR3-1600) | H5TQ2G83BFR PBC | HMT325U6BFR8C-PBNO 1.5V | Pass |
| 3 | Transcend | Micron | 8GB | PC3-10600 (DDR3-1333) | 1ZD27-D9PBC | TS1GLK64V3H 1.5V [512Mx8b-x16/1Gx64b,CL=9] | Pass |
| 4 | A-Data | ELPIDA | 8GB | PC3-10600 (DDR3-1333) | J4208BBBG-GN-F | EL631D1624Z1 1.5V | Pass |
| 5 | INNODISK | Hynix | 4GB | PC3-10600 (DDR3-1333) | H5TQ2G83BFR H9C | M3UN-4GHJAC09-B 1.5V | Pass |
| 6 | DSL | Hynix | 4GB | PC3-10600 (DDR3-1333) | H5TQ2G83BFR H9C | D3UH56082XH15AA 1.5V | Pass |
| 7 | Kingston | Hynix | 4GB | PC3-10600 (DDR3-1333) | H5TQ2G83BFR H9C | KVR1333D3N9/4G 1.5V | Pass |
| 8 | Transcend | Hynix | 4GB | PC3-10600 (DDR3-1333) | H5TQ2G83CFR H9C | TS512MLK64V3N 1.5V | Pass |
| 9 | Transcend | SEC | 2GB | PC3-10600 (DDR3-1333) | K4B1G0846D | TS256MLK64V3U 1.5V | Pass |
| 10 | Transcend | SEC | 2GB | PC3-10600 (DDR3-1333) | K4B2G0846C | TS256MLK64V3N 1.5V [256Mx8b-x8/256Mx64b,CL=9] | Pass |
| 11 | A-Data | A-Data | 2GB | PC3-10600 (DDR3-1333) | AD30908C8D-151G | AD31333002GOU(AD6311B16) | Pass |
| 12 | Transcend | Transcend | 2GB | PC3-10600 (DDR3-1333) | TK243WAF3 | JM1333KLU-2G 1.5V | Pass |
| 13 | Elixir | Elixir | 2GB | PC3-10600 (DDR3-1333) | M2Y2G64CB8HA9N-CG 1.5V | M2Y2G64CB8HA9N-CG 1.5V | Pass |
| 14 | INNODISK | Hynix | 2GB | PC3-10600 (DDR3-1333) | H5TQ1G83BFR H9C | M3UN-2GHFAC09-B 1.5V | Pass |
| 15 | INNODISK | Hynix | 2GB | PC3-10600 (DDR3-1333) | H5TQ2G83BFR H9C | M3UN-2GHJBC09-B 1.5V | Pass |
| 16 | Apacer | Hynix | 2GB | PC3-10600 (DDR3-1333) | H5TQ2G83BFR H9C | 78.A1GDE.AF00C | Pass |
| 17 | DSL | Hynix | 2GB | PC3-10600 (DDR3-1333) | H5TQ2G83BFR H9C | D3UH56081XH15AA 1.5V | Pass |
| 18 | Transcend | ELPIDA | 2GB | PC3-10600 (DDR3-1333) | J1108BDBG-DJ-F | TS256MLK64V3U 1.5V | Pass |
| 19 | A-Data | A-Data | 1GB | PC3-10600 (DDR3-1333) | AD30908C8D-151G | AD313330021OU(AD6311A08) | Pass |
| 20 | INNODISK | Hynix | 1GB | PC3-10600 (DDR3-1333) | H5TQ1G83DFR H9C | M3UN-1GHFBC09-D 1.5V | Pass |

| No. | Brand | Chip | Size | Type | Chip Model No. | Vendor Part No. | Result |
|-----|-----------|--------|------|--------------------------|---------------------------------|------------------------------------|--------|
| 21 | DSL | Hynix | 1GB | PC3-10600 (DDR3-1333) | H5TQ1G83BFR H9C | D3UH28081XH15AA 1.5V | Pass |
| 22 | Kingston | Hynix | 4GB | PC3-8500 (DDR3-1066) | H5TQ2G83AFR | KVR1066D3N7/4G 1.5V | Pass |
| 23 | Transcend | SEC | 2GB | PC3-8500 (DDR3-1066) | K4B1G0846D | TS256MLK64V1U 1.5V | Pass |
| 24 | Transcend | ELPIDA | 2GB | PC3-8500 (DDR3-1066) | J1108BDBG-DJ-F | TS256MLK64V1U 1.5V | Pass |
| 25 | INNODISK | Hynix | 2GB | PC3-8500 (DDR3-1066) | H5TQ1G83BFR H9C | M3UN-2GHFACM7-B 1.5V | Pass |
| 26 | A-Data | ELPIDA | 1GB | PC3-8500 (DDR3-1066) | J1108BABG-DJ-E | SU3U1066B1G7-B 1.5V [1Gx8,CL=7] | Pass |
| 27 | Kingston | ELPIDA | 1GB | PC3-8500 (DDR3-1066) | J1108BDBG-DJ-F | KVR1066D3N7/1GB 1.5V | Pass |
| 28 | Transcend | SEC | 1GB | PC3-8500 (DDR3-1066) | K4B1G0846D | TS128MLK64V1U 1.5V | Pass |
| 29 | TEAM | TEAM | 1GB | PC3-8500 (DDR3-1066) | Xtreem TXD31024M1066HC7 1.5V | Xtreem TXD31024M1066HC7 1.5V | Pass |
| 30 | Aeneon | Aeneon | 1GB | PC3-8500 (DDR3-1066) | AEH93R10F | AEH760UD00-10F 1.5V | Pass |

*Each memory module tested at room temperature.