

1. Stability Test:

1.1 CPU Function Test:

Test Purpose	Test CPU functions work normally under Windows Operating System
Test Procedure	1. Install Windows operating system 2. Install M/B device drivers 3. Check CPU temperature in BIOS setup menu 4. Run PassMark BurnInTest and check CP Temp. 5. Using CPU-Z heck CPUinfo
Test Criteria	It should be correct for each test step

No.	CPU	Type	Idle CPU Temp.	Full Loading CPU Temp.	Result
1	Intel / 1.91GHz	Atom E3845 (SR3UT)	34.0°C	63.0°C	Pass

1.1.1 Application Test:

No.	Software	Test Keypoint	Result
1	CPU-Z	1. Check all information.	Pass

1.2 Memory Function Test:

Test Purpose	Test Memory functions work normally under Windows Operating System
Test Procedure	<ol style="list-style-type: none"> 1. Install Windows Operating System 2. Install M/B Device Driver 3. Run AIDA64 Cache and Memory Benchmark Ver.5.97.4600 1 time 4. Run Passmark Performance Test 9.0 Build1023 1 time 5. Run 3DMark for Windows Ver.2.5.5029 BenchMark 3 times 6. S3/Hibernate Test 3 times
Test Criteria	It should be no problem for the test

1.2.1 DDR3:

No.	Function	Result
1	On-board DDR3	Pass
2	Warning beep sound when no memory install	Pass

1.2.2 Application Test:

No.	Software	Test Keypoint	Test Environment	Result
1	MemTest86 Ver.7.5.0	1. Stress test 24 hours.	DDR3: DDR3L-1866-4096(1pc-4GB)/NANYA-NT5CC512M8EN-EK (On Board) O.S.: DOS	Pass

1.2.3 DDR3 Approved List:

No.	Brand	Chip	Size	Type	Chip Model No.	Vendor Part No.	Result
1	-	NANYA	4GB	DDR3L-1866	NT5CC512M8EN-EK	-	Pass

1.2.4 DDR3 Module Test Procedures:

No.	DDR3 Module	Test Procedures	Result
1	DDR3L-1866-4096(1pc-4GB)/NANYA-NT5CC512M8EN-EK (On Board)	Test Summary: AIDA64 Cache and Memory Benchmark(V5.97.460 0) READ:8719 MB/s WRITE:8899 MB/s COPY:8411 MB/s Passmark PerformanceTest 9.0 Build 1023 CPU Mark:1602.2 Memory Mark:654.0 3DMark for Windows(V 2.5.5029)3times Cloud Gate:1388 Ice Storm Extreme:10553 Skydiver: 495	Pass