



# Test item list

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## Test Product: PER-V05V-A A0.1 + GENE-8310 A1.1

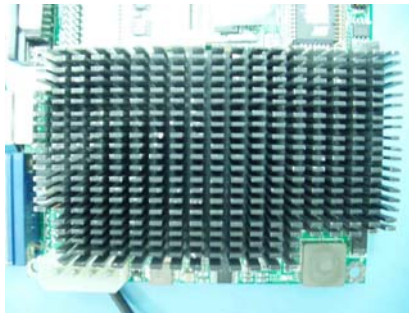
### Sample Configuration & Quantity Under Test:

#### PER-V05V-A A0.1

1. VGA Chipset: XGI Z9s

#### GENE-8310 A1.1

1. CPU: Intel Celeron M 600MHz (Bios Ver.1.61)
2. Chipset: Intel 852GM / ICH4
3. VGA: Intel 825852GM (Share up to 32MB)
4. Memory: ATP 512MB / SAMSUNG K4H510838C-UCB3 (DDR-333)
5. HDD: Western Digital WD800BB-00JHA0 80GB
6. Test Software: Windows XP / Run one Microsoft media player simultaneously.
7. ATX Power Supply: UMEC UPF400-AF
8. Heat Sink:



**Test Date:** 12-25~26-2007

**Test Site:** AAEON QA Internal Lab.

**Test Product:** PER-V05V-A A0.1 + GENE-8310 A1.1

**Test Standard:** Reference IEC 68-2-14 Testing procedures  
Test N: Change of temperature Test

**Test Equipment:**

Programmable Temperature & Humidity Chamber  
K.SON. INS. TECH. CORP.

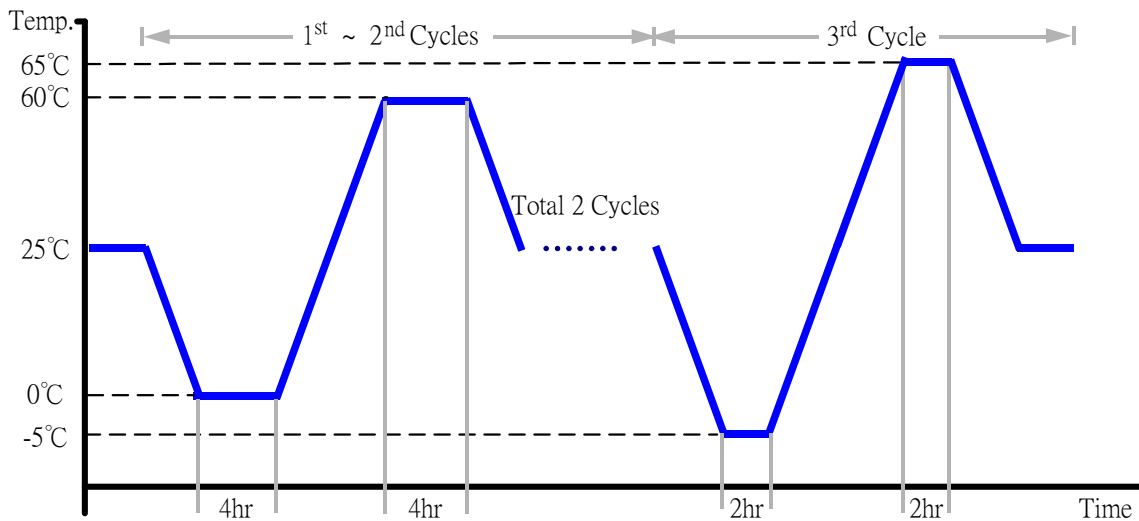
Model: THS-A4C-100

Date of Calibration: 06/20/07

Serial Number: 3188

**Temperature & Humidity Cycle Test:**

1. Test Low Temperature: 0°C (1~2 cycles)  
-5°C (3<sup>rd</sup> cycle)
2. Test High Temperature: 60°C (1~3 cycles)  
65°C (3<sup>rd</sup> cycle)
3. Test dwell time: 4Hrs (1~2 cycles)  
2Hrs (3<sup>rd</sup> cycle)
4. Temperature slope: 2°C/min
5. Test cycle: 3 cycles
6. Test Environment Curve:



**Test Result:**

No problem was found during the temperature variation operation test.

# Cold start and hot start test

**Test Date:** 12-27-2007

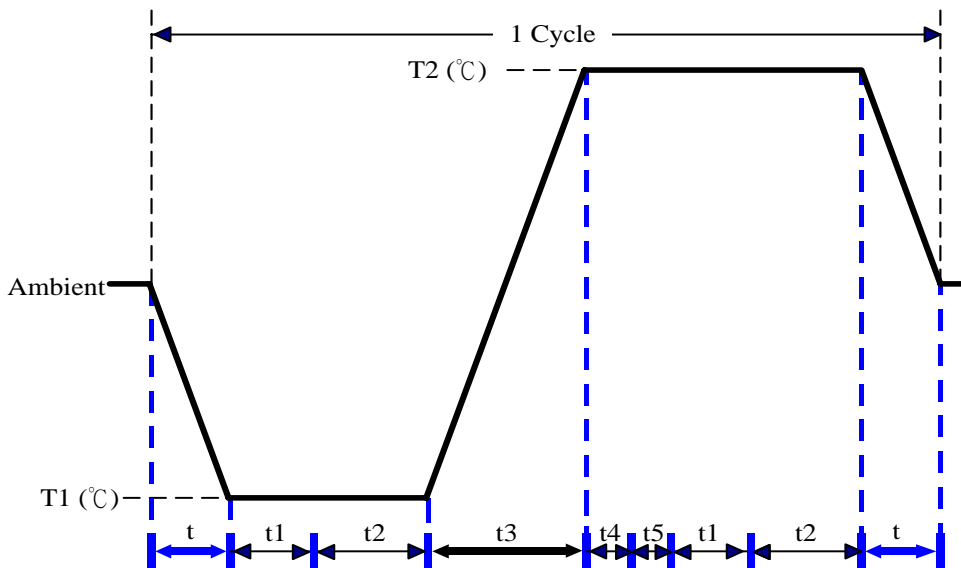
**Test Site:** AAEON QA Internal Lab.

**Test Product:** PER-V05V-A A0.1 + GENE-8310 A1.1

**Test Standard:** Reference IEC 68-2-14 Testing procedures  
Test N: Change of temperature Test

**Test Equipment:**  
Programmable Temperature & Humidity Chamber  
K.SON. INS. TECH. CORP.  
Model: THS-A4C-100  
Date of Calibration: 06/20/07  
Serial Number: 3188

**Test Condition:**



Parameters	Description
T1	-5°C
T2	65°C
t1	1 hrs
t2	2 hrs
t4, t5	30 min
t, t3	2°C/min
n (Cycle)	1

t,t3 = temprature slope  
t, t1: Power Off  
t2: Power on/off test 10 times (on 2 min / off 5min)  
t3,t4: Run PassMark Burn In Test  
t5: Win XP Software restart test 2 times  
Test Software: Windows XP

**Test Result:**

- a. No problem was found during the cold start test.
- b. No problem was found during the hot start test.