



AAEON Technology INC.
ISO-9001/ISO-14001 Certified
Industrial Automation PCs

GENE-6310

Temperature / Humidity Test Report

Issued by:

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QE Engineer

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07/01/2002

Date

Reviewed by:

Wen - Yuan Yang
QE Manager

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07/01/2002

Date

1. Test Product: VIA Low-power SubCompact Board

2. Model Name: GENE-6310 REV.A1.0

3. Test Date: 06-25-2002

4. Test Site: AAEON QA Internal Lab.

5. Test Equipment

Type	MFR	Model Number	Serial Number	Last CAL.
Programmable Temperature & Humidity Chamber	KSON	Ths-D4L+-100	2582	10/29/01

6. Test Standard :

NO.	Description
IEC 68-2-30	Test DB : Damp Heat Test
IEC 68-2-61	Test Z/ABD : Climatic Sequence Test

7. Testing Item:

Test Temperature & Humidity Power On/Off Test
 Temperature & Humidity Cycle

8. Additional Test Peripheral:

Configuration	Model
Test Fixture	Power on/off(110V) Fixture
Test Software	QAPlus 5.5

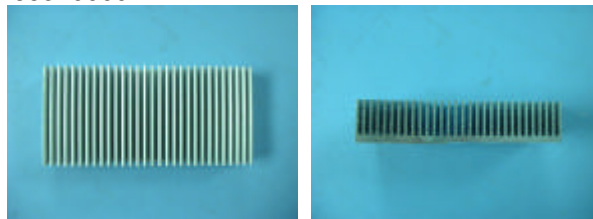
9. Sample Configuration & Quantity Under Test:

Quantity: 1

Sample Configuration:

CPU	Onboard VIA C3 Eden EPGA Mobile CPU 400MHz (100 FSB)
DRAM	SO-DIMM 128MB NEC D45128163G5-A80-9JF (PC-100 SDRAM)
System BIOS Version	GENE-6310 BIOS Rev.0.A
Chipset	VT8606 (66/100/133 FSB) / VT82C686B
VGA Chipset	North Bridge VT8606 (Share memory up to 32MB)
I/O Chipset	VT82C686B
Heat sink (P/N)	M166310000

Heat sink (P/N): M166310000



10. Test Result:

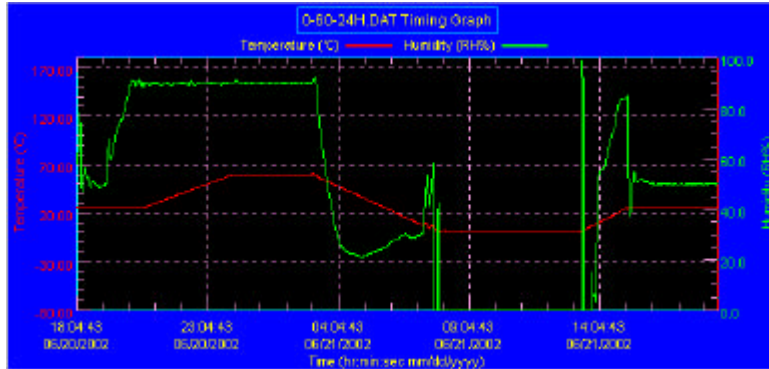
Standard	Description	Result
IEC 68-2-30	Temperature & Humidity Power On/Off Test	Pass
IEC 68-2-61	Temperature & Humidity Cycle Test (Run QAPlus 5.5)	Pass

11. Temperature & Humidity Power On/Off Test

11-1 Testing Specification:

Step	Temperature ()	Humidity (%RH)	Duration (HH:MM)
1	25	50	00:30
2	25	50	00:30
3	25	90	01:00
4	25	90	00:30
5	60	90	03:30
6	60	90	03:00
7	0	0	04:50
8	0	0	05:23
9	25	50	01:47
10	25	50	03:00

12-2 Test Curve:



12. Temperature & Humidity Cycle Test:

12-1 Testing Specification:

Step	Temperature ()	Humidity (%RH)	Duration (HH:MM)
1	25	50	00:30
2	25	50	00:30
3	60	30	01:10
4	60	30	03:20
5	25	50	01:10
6	25	50	00:50
7	25	90	03:30
8	25	90	01:00
9	60	90	03:53
10	60	90	04:07
11	25	90	03:53
12	25	50	04:07
13	25	50	03:30
14	25	50	00:30
15	0	0	02:30
16	0	0	10:30
17	25	50	02:30
18	25	50	00:30

12-2 Test Curve:

