



Reliability Laboratory

TEST REPORT

Report No.: HC80020/2014

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Date: August 15, 2014

VECOW CO., LTD.
12 F, NO. 111, ZHONGCHENG RD.,
TUCHENG DIST., NEW TAIPEI CITY,
TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description: Fanless, Extended-temp Embedded Computing System
Style/ Item No.: ECS-7000-6GDE610QW/ No.1
Manufacturer/ Vendor: Vecow Co., Ltd.
Country of Origin: Taiwan
Quantity: Total 1 set
Testing Period: Aug. 11, 2014 to Aug. 12, 2014

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required: (According to client's test specification, please see following sheets in detail.)

1. Temperature/ Humidity Test

Test Results: – PLEASE SEE ATTACHED SHEETS –

Signed for and on behalf of
SGS TAIWAN Ltd.

Hank Chiou
Asst. Supervisor

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1. Temperature/ Humidity Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	KSON	THS-C6T-150+LN2	A0128

Lab Environmental Conditions:

Ambient temperature: $(25 \pm 3) ^\circ\text{C}$

Ambient humidity: $(55 \pm 20) \% \text{RH}$

Test Method/ Specification:

Sample Condition: Operating (Execute test program "Burn-In")

Step	Temperature ($^\circ\text{C}$)	Humidity (%RH)	Time (hours)
1	25→85	55→10	-
2	85	10	16
3	85	10→90	-
4	85	90	16
5	85→25	90→55	-
Test cycle: Total 1 cycle			

- Examine the appearance of specimen(s) by visual check and perform functional check after this test
- Functional check: Connect the specimen with rated power then turn on the power of specimen. Execute the test program "Burn-In Test" (2D& 3D Graphic, CPU, video playback) while perform functional check.

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Test Method/ Specification--Continued:

Sample Configuration:

Item	Description
System	Vecow ECS-7000-6GDE
CPU	Intel i7-3610QE
Memory	Vecow M340S-W28M1, DDR3 4GB 1333/1066MHz RAM, Wide Temperature -40°C ~ +85°C
HDD	MemoRight MRSAL5A256GTS25I00 2.5", 256GB, MLC, Industrial (-40°C~85°C)
Adapter	PWA-120WM4P, 120W, 24V, 90VAC to 264VAC (Seasonic SSA-1201-24)
OS	Windows 7

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Specimen:

Style/ Item No.: ECS-7000-6GDE610QW/ No.1

Quantity: Total 1 set

Test Result:

Check Item	Appearance check (Visual check)	Functional check
Style/ Item No.		
ECS-7000-6GDE610QW/ No.1	No visible damage	Normal

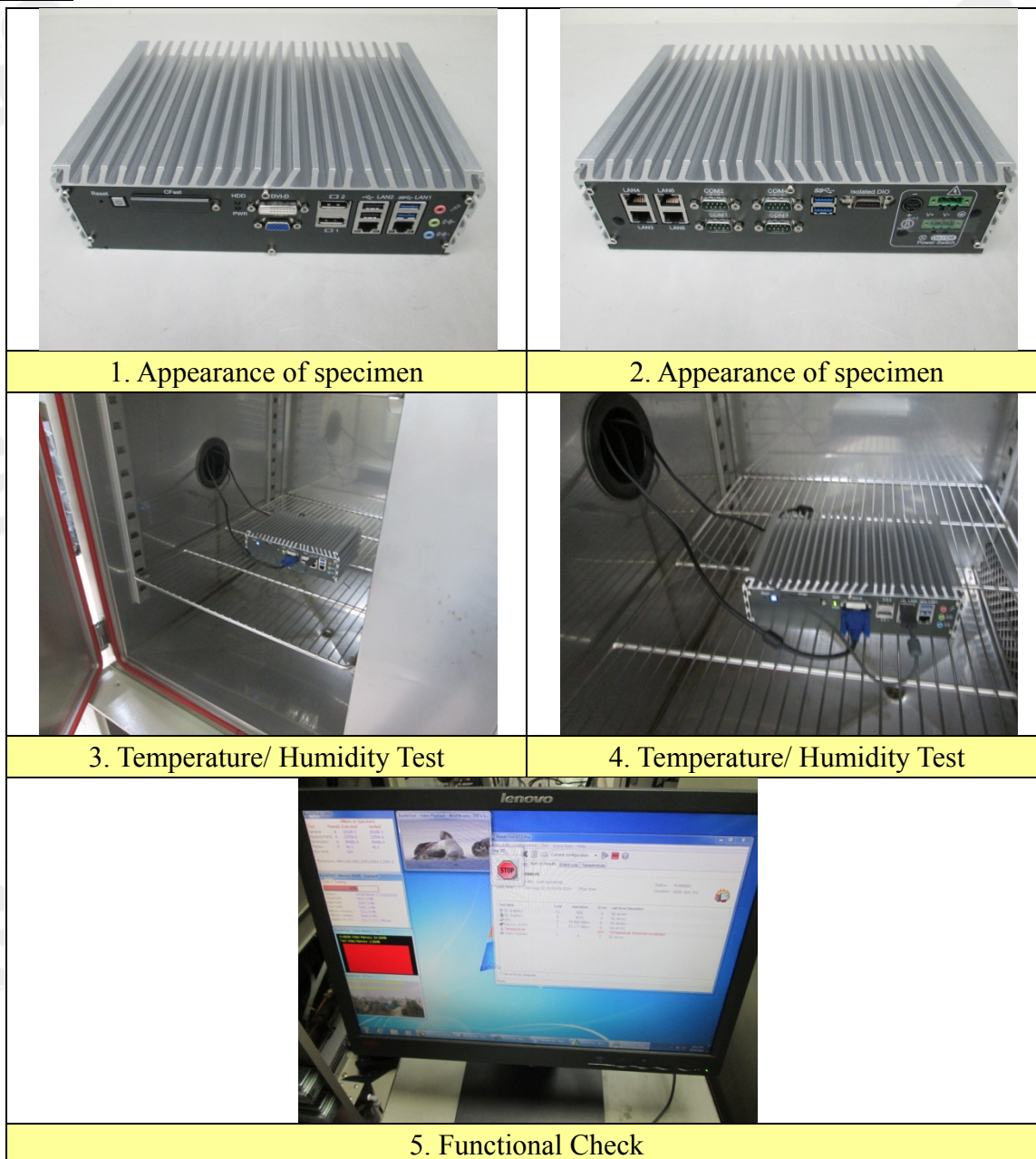
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Test Photos:



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