

## TEST REPORT

Report No.: HC90053B/2016  
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Date: November 2, 2016

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: Expandable Robust Computing System  
Style/ Item No.: RCS-9440/ No.1, No.2  
Quantity: Total 2 sets  
Testing Period: Sep. 13, 2016 to Oct. 1, 2016  
Note: (Client's declaration) The configuration of specimen(s) as shown below:  
1. MB: RCS-9400  
2. CPU: i7-6700  
3. Memory: 8GB DDR4 (M4S0-8GSSOCRG)

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. High Temperature/ Humidity Test  
2. Low Temperature Test

Test Results: – PLEASE SEE ATTACHED SHEETS –

Signed for and on behalf of  
SGS TAIWAN Ltd.



Hank Chiou  
Supervisor

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## 1. High Temperature/ Humidity Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature and Humidity Chamber	KSON	THS-D6TS-150+LN2	A0347

### Lab Environmental Conditions:

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

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

### Test Method/ Specification:

Test Method: IEC 60068-2-78, Edition 2.0:2012 and client's request

Sample Condition: Operating (execute Burn-In Test)

Test temperature: 85°C

Test humidity: 95%RH

Test duration: 16 hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test
- Functional check: Turn on the power of specimen then execute test program "Burn-In Test" while performing functional check.

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**Specimen:**

Style/ Item No.: RCS-9440 / No.1

Quantity: Total 1 set

**Test Result:**

Style/ Item No.	Check Item	Appearance check (Visual check)	Functional check
<b>RCS-9440/ No.1</b>		No visible damage	Normal

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## 2. Low Temperature Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature and Humidity Chamber	KSON	THS-D6TS-150+LN2	A0559

### Lab Environmental Conditions:

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

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

### Test Method/ Specification:

Test Method: IEC 60068-2-1, Edition 6.0:2007 and client's request

Sample Condition: Operating (execute Burn-In Test)

Test temperature:  $-40^\circ\text{C}$

Test duration: 16 hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test
- Functional check: Turn on the power of specimen then execute test program "Burn-In Test" while performing functional check.

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**Specimen:**

Style/ Item No.: RCS-9440/ No.2

Quantity: Total 1 set

**Test Result:**

Style/ Item No.	Check Item	Appearance check (Visual check)	Functional check
<b>RCS-9440/ No.2</b>		No visible damage	Normal

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Test Photos:

	
<p>1. Appearance of specimen</p>	<p>2. Appearance of specimen</p>
	
<p>3. High Temperature/ Humidity Test Low Temperature Test</p>	<p>4. High Temperature/ Humidity Test Low Temperature Test</p>
	
<p>5. Functional check</p>	

— — —The End of Test Report — — —

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