

TEST REPORT

Report No.: HCO0069B/2023

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Date: November 17, 2023

VECOW CO., LTD.
3F., NO. 10, JIANKANG RD., ZHONGHE DIST.,
NEW TAIPEI CITY, TAIWAN

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

Product Description: Fanless Embedded System
Style/ Item No.: ECX-2000/ No.1
Quantity: Total 1 piece
Testing Period: Oct. 13, 2023 to Oct. 17, 2023
Note: (Client's declaration) System Configuration of Equipment under measurement:
CPU: Intel® Core™ i7-10700TE CPU @ 2.0GHz
RAM: TRANSCEND 16GB DDR4 2133 ECC SODIMM 2Rx8 1.2V *2
SSD: INNODISK 2.5" SATA SSD 3TE7 512GB

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 and High Humidity Test
2. Low Temperature Test

Test Results: – PLEASE SEE ATTACHED SHEETS –

*HCO0069A/2023, dated on November 16, 2023, is hereby canceled and replaced by HCO0069B/2023.

Signed for and on behalf of
SGS TAIWAN Ltd.



Alex Chen
Asst. Supervisor

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1. High Temperature and High Humidity Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	GIANT FORCE	GTH-800-60-CP-AR	MAA1207-001

Lab Environmental Conditions:

Ambient temperature: (25 ± 3) °C

Ambient humidity: (55 ± 20) % RH

Test Location:

No.31, Wu Chyuan Road, New Taipei Industrial Park, WuKu District,
New Taipei City, Taiwan

Test Method/ Specification:

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

Sample condition: Operating

Test Temperature: 75 °C

Test Humidity: 95 %RH

Duration: 16 hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Connect the specimen(s) with rated power then examine whether the test program "BurnIn Test" could be work normally or not.

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Specimen:

Style/ Item No.: ECX-2000/ No.1

Quantity: Total 1 piece

Test Result:

Style/ Item No.	Check Item	Appearance Check (Visual check)	Functional Check
ECX-2000/ No.1		No visible damage	Normal

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2. Low Temperature Test:

Test Equipment:

Name	Brand	Model	Serial No.
Programmable Temperature & Humidity Chamber	GIANT FORCE	GTH-800-60-CP-AR	MAA1207-001

Lab Environmental Conditions:

Ambient temperature: (25 ± 3) °C

Ambient humidity: (55 ± 20) % RH

Test Location:

No.31, Wu Chyuan Road, New Taipei Industrial Park, WuKu District,
New Taipei City, Taiwan

Test Method/ Specification:

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

Sample condition: Operating

Test Temperature: -40°C

Duration: 16 hours

- Examine the appearance of specimen(s) by visual check and perform functional check after this test.
- Functional check: Connect the specimen(s) with rated power then examine whether the test program "BurnIn Test" could be work normally or not.

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Specimen:

Style/ Item No.: ECX-2000/ No.1

Quantity: Total 1 piece

Test Result:

Style/ Item No.	Check Item	Appearance Check (Visual check)	Functional Check
ECX-2000/ No.1		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 and High Humidity Test/ Low Temperature Test</p>	<p>4. High Temperature and High Humidity Test/ Low Temperature Test</p>
	
<p>5. Functional Check</p>	

— — — The End of Test Report — — —

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