

Reliability Laboratory

TEST REPORT

Report No.: HCD0147B/2018 Page: 1 of 6 Date: January 7, 2019

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

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

| Product Description: | High-Performance Fanless System |
|----------------------|--|
| Style/ Item No .: | ECX-1000-PoER/ No.1 |
| Quantity: | Total 1 set |
| Testing Period: | Dec. 20, 2018 to Dec. 23, 2018 |
| Note: | System Configuration of Equipment under measurement: |
| | CPU: |
| | Intel(R) Core(TW):i7-8700T CPU@2.40 GHz |
| | DDR: |
| | SLINK DDR4 4G 2666 SODIMM IT *2 |
| | Storage: |
| | |

We have tested the submitted sample(s) as requested and the following results were obtained: (According to client's test specification, please see following sheets in detail.) Test Required:

> 1. High Temperature/ Humidity Test

Innodisk CFast 3ME3 64GB

Low Temperature Test 2.

Test Results: - PLEASE SEE ATTACHED SHEETS -

*HCD0147A/2018, dated on December 28, 2018, is hereby canceled and replaced by HCD0147B/2018.

Signed for and on behalf of SGS TAIWAN Ltd.

Hank Chiou Supervisor

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1. High Temperature/ Humidity Test:

| | | C | |
|------------------------|---|---|--|
| ne | Brand | Model | Serial No. |
| e and Humidity Chamber | KSON | THS-D6TS-150+LN2 | A0493 |
| | | | |
| tions: | | | |
| (25 ± 3) °C | | | |
| <u>(55 ± 20) % RH</u> | | | |
| | | | |
| <u>n:</u> | | | |
| IEC 60068-2-78, Editio | n 2.0:2012 | and client's request | |
| Operating (execute Bur | n-In Test) | | |
| <u>80°C</u> | | | |
| <u>95%RH</u> | | | |
| <u>16 hours</u> | | | |
| | e and Humidity Chamber <u>tions:</u> (25 ± 3) °C (55 ± 20) % RH <u>IEC 60068-2-78, Edition</u> <u>Operating (execute Bure</u> <u>80°C</u> <u>95%RH</u> | e and Humidity Chamber KSON tions: $(25 \pm 3) ^{\circ}C$ $(55 \pm 20) ^{\circ} RH$ n: IEC 60068-2-78, Edition 2.0:2012 Operating (execute Burn-In Test) 80 ^{\circ}C 95%RH | e and Humidity ChamberKSONTHS-D6TS-150+LN2tions: $(25 \pm 3) \degree C$ $(55 \pm 20) \%$ RHn: IEC 60068-2-78, Edition 2.0:2012 and client's request Operating (execute Burn-In Test) $80\degree C$ 95% RH |

- 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.: Quantity: ECX-1000-PoER/ No.1 Total 1 set

Test Result:

| Check Item Style/ Item No. | Appearance check (Visual check) | Functional check |
|-------------------------------|------------------------------------|------------------|
| ECX-1000-PoER/ No.1 | 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 | A0493 |
| | | | |

Lab Environmental Conditions:

| Ambient temperature: | <u>(25 ± 3) °C</u> |
|----------------------|--------------------|
| Ambient humidity: | (55 ± 20) % 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: | <u>-40°C</u> |
| Test duration: | <u>16 hours</u> |

- 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.: Quantity: ECX-1000-PoER/ No.1 Total 1 set

Test Result:

| Check Item Style/ Item No. | Appearance check (Visual check) | Functional check |
|-------------------------------|------------------------------------|------------------|
| ECX-1000-PoER/ No.1 | No visible damage | Normal |

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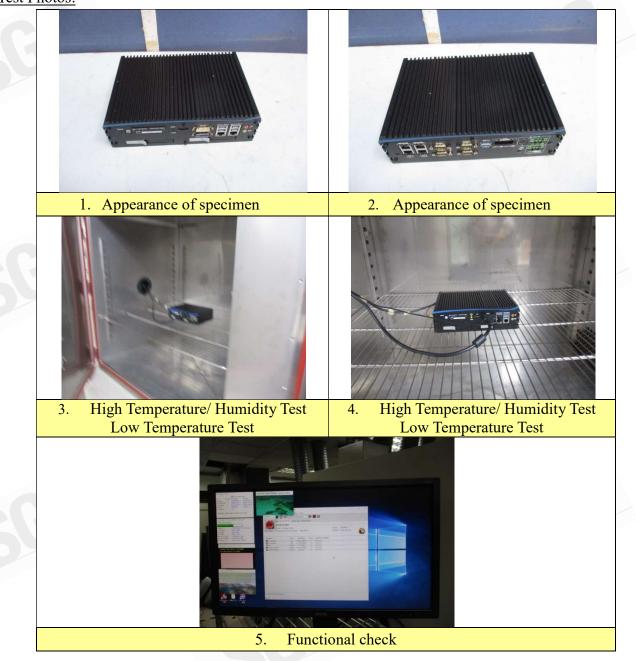
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Test Photos:



– — The End of Test Report — —

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