



矽英科技股份有限公司 可靠度實驗室

Gtti RA Testing Service Laboratory

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Reliability Test Report

Ser. No. : 113071501

Company : Vecow Co., Ltd

Address : 3F, No. 10, Jiankang Rd., Zhonghe Dist., New Taipei City 23586, Taiwan

Test Sample Receive Date: 07/15/2024

Date Started : 08/12/2024

Date Finished : 08/14/2024

Lab. Environment : Temp : 25 °C ± 5 °C ; Humidity : 40 %R.H. to 70 %R.H.

Lab. Accreditation and Certificate:

TAF: Certificate # L1043-240703 (accredited under ISO/IEC 17025: 2017; CNS 17025:2018))

IECQ: Certificate # 20004039ITL (accredited under ISO/IEC 17025: 2017)

Remark:

- 1.This report will be invalid if used in part or altered in any way.
- 2.This report refers only to the specimen(s) submitted to test, and is invalid if used otherwise.
- 3.The tested specimen(S) will only be preserved for thirty days from the date issued if not collected by the applicant.
- 4.No sampling in Gtti Lab. (Sampling to be done by Applicant via related Standard.)
- 5.Test report be done base real sample test result. Gtti Lab is not responsible for samples pre- or post- treatment neither usage of test report.
- 6.This Test Report is not responsible for Statement of Conformity.

	Name	Signature	Date
Testing Engineer	Ken Fan	<i>Ken Fan</i>	08/15/2024
Approval Signatory	Jason Chou	<i>Jason Chou</i>	08/15/2024
Laboratory Head	Lillian Chan	<i>Lillian Chan</i>	08/15/2024

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1. High Temperature & Humidity Operating Test

A. Test Specification and / or standard :

IEC 60068-2-78 2012-10-30

B. Test Sample and Quantity :

Part Name:	Edge AI Computing System
Model	EAC-6200
Series Model	EAC-6000 Series, EAC-6XXXXXXXXXXXXXXXXXXXX ("X" can be 0-9, A-Z, - or blank for marketing purpose)
SoM	NVIDIA® Jetson Orin NX 16GB Module
CPU :	8-core Cortex-A78AE Armv8.2 (64-bit) CPU
GPU :	1024-core Ampere™ GPU with 32 Tensor Cores
RAM :	16 GB 128-bit LPDDR5 DRAM
M.2 :	Innodisk 2TB M.2 (P80) 4TE3, M Key (Industrial, W/T Grade, -40°C ~ +85°C)
Quantity:	1

C. Testing Equipment :

TERCHY MHE-225NJ-3

Calibrate trace code : 24-04-BCC-213-03L

D. Test Condition and procedure :

Test Condition:

70 °C 95% RH, 16 h

Test Procedure:

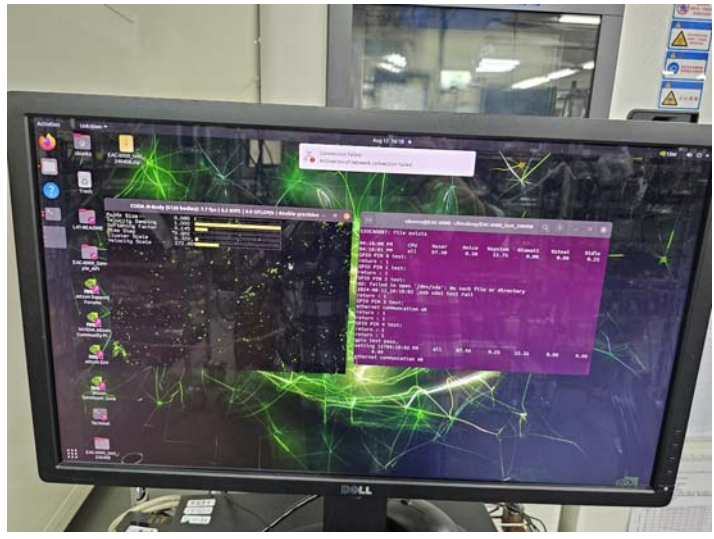


- (1) Check out samples.
- (2) Set test condition.
- (3) Starting test.
- (4) Finish testing, check out samples and prepare final report.

E. Result :

Appearance: Pass, No external physical damage

Function: Pass.

F. Test Photo :

<p>Pre-Test</p>	
<p>In the Equipment</p>	
<p>Post-Test</p>	

2. Low Temperature Operating Test

A. Test Specification and / or standard :

IEC 60068-2-1 2007-03-13

B. Test Sample and Quantity :

Part Name:	Edge AI Computing System
Model	EAC-6200
Series Model	EAC-6000 Series, EAC-6XXXXXXXXXXXXXXXXXXXX ("X" can be 0-9, A-Z, - or blank for marketing purpose)
SoM	NVIDIA® Jetson Orin NX 16GB Module
CPU :	8-core Cortex-A78AE Armv8.2 (64-bit) CPU
GPU :	1024-core Ampere™ GPU with 32 Tensor Cores
RAM :	16 GB 128-bit LPDDR5 DRAM
M.2 :	Innodisk 2TB M.2 (P80) 4TE3, M Key (Industrial, W/T Grade, -40°C ~ +85°C)
Quantity:	1

C. Testing Equipment :

TERCHY MHU-225SSa

Calibrate trace code : 24-02-BCC-155-03L

D. Test Condition and procedure :

Test Condition:

-25 °C, 16 h

Test Procedure:

- (1) Check out samples.
- (2) Set test condition.
- (3) Starting test.
- (4) Finish testing, check out samples and prepare final report.

E. Result :

Appearance: Pass, No external physical damage

Function: Pass.

F. Test Photo :

Pre-Test



In the Equipment



Post-Test

