

TEST REPORT

Specimen : Notebook computer

Trade mark : Casper

Model/Spec. : Casper Nirvana X100/X200

Report No. : 26080306C01-R1



Scan to verify



SMQ Group (Dongguan) Quality Technology Service Co., Ltd.

Addr.: Building 2, No.7 of Industrial North Road, Songshan Lake Hi-Tech Industrial Zone, Dongguan, Guangdong.
Tel : 0086-769-23324615, 23324620 Fax : 0086-769-23324601
Web : www.smq.ltd

Test Report Declaration

Applicant : CASPER Bilgisayar Sistemleri A.S
Address : Fatih Sultan Mehmet Mahallesi, Balkan Cad. No:47 Casper Plaza Umraniye Istanbul Turkey
Manufacturer : CASPER Bilgisayar Sistemleri A.S
Address : Fatih Sultan Mehmet Mahallesi, Balkan Cad. No:47 Casper Plaza Umraniye Istanbul Turkey
Factory : /
Address : /
Specimen : Notebook computer
Model/Spec. : Casper Nirvana X100/X200
Specimen quantity : 4pcs
Serial/Specimen No. : 26080306C01-S001~26080306C01-S002
ACSH202609009-S01~ACSH202609009-S02
Manufactured date : /
Specimen source : Submitted by applicant
Received date : Sep.07,2026
Processed date : Sep.12,2026
Test criteria : MIL-STD-810H:2022 DEPARTMENT OF DEFENSE TEST METHOD STANDARD-ENVIRONMENTAL ENGINEERING CONSIDERATIONS AND LABORATORY TESTS
MIL-STD-810H:2019 DEPARTMENT OF DEFENSE TEST METHOD STANDARD-ENVIRONMENTAL ENGINEERING CONSIDERATIONS AND LABORATORY TESTS
Acceptance criteria : Requirement of applicant

Tested by : Xu Pan Xu Pan Date: Sep.21,2026
Checked by : Xiao Feihui Xiao Feihui Date: Sep.21,2026
Approved by : Chen Xiang Chen Xiang Date: Sep.21,2026



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1 TEST SUMMARY

Table 1 Test overview

Test Items	Specimen status	Test criteria	Test conclusion	Processed date
High temperature test (operation)	Unpackaged, operating	MIL-STD-810H:2022 method 501.7	Pass	Sep.11,2026
Low temperature test (operation)	Unpackaged, operating	MIL-STD-810H:2022 method 502.7	Pass	Sep.11,2026~Sep.12,2026
Sand and dust test*	Unpackaged, operating	MIL-STD-810H:2019 method 510.7	Pass	Sep.08,2026~Sep.09,2026

Note: The test items with label* are not within the scope of CNAS authorization, the subcontracted to Shenzhen Ancheshenghui Test Technology Co., Ltd. (CNAS L14228). Subcontract report No.: ACSH202609009-E01.

2 AMBIENT CONDITION

Temperature: 21℃~28℃
Relative Humidity: 35%~65%
Atmospheric Pressure: 100.0kPa~102.0kPa

3 INITIAL CHECK

Before the test, the specimens exhibited no appearance damage or functional failure.

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4 HIGH TEMPERATURE TEST (OPERATION)

4.1 Test Requirement

Test criteria: MIL-STD-810H:2022 method 501.7 4.5.3, procedure II

Specimen No.: 26080306C01-S001~26080306C01-S002

Specimen status: Unpackaged, operating

Test temperature: $(60\pm 2)^{\circ}\text{C}$

Rate of temperature change: $1^{\circ}\text{C}/\text{min}$

Test duration: 4h

Recovery duration: 2h

4.2 Acceptance Criteria

- 1) During the test, the specimen should exhibit no functional failure.
- 2) After the test, the specimen should exhibit no appearance damage or functional failure.

4.3 Test Result

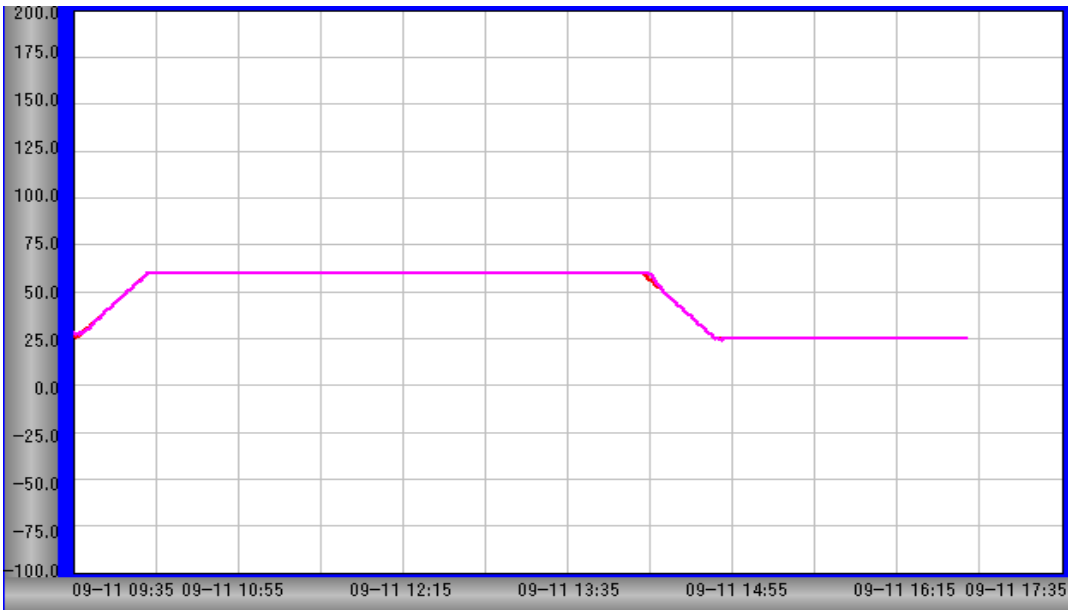
- 1) During the test, the specimens exhibited no functional failure.
- 2) After the test, the specimens exhibited no appearance damage or functional failure.

4.4 Test Conclusion

Pass

4.5 Photo and Profile

	
No.4-1 Inspection before test	No.4-2 High temperature test (operation) specimen placement
	
No.4-3 Inspection after test	No.4-4 Inspection after test



No.4-5 High temperature test (operation) profile

5 LOW TEMPERATURE TEST (OPERATION)

5.1 Test Requirement

Test criteria: MIL-STD-810H:2022 method 502.7 4.5.3, procedure II

Specimen No.: 26080306C01-S001~26080306C01-S002

Specimen status: Unpackaged, operating

Test temperature: $(-20\pm 2)^{\circ}\text{C}$

Rate of temperature change: $1^{\circ}\text{C}/\text{min}$

Test duration: 4h

Recovery duration: 2h

5.2 Acceptance Criteria

- 1) During the test, the specimen should exhibit no functional failure.
- 2) After the test, the specimen should exhibit no appearance damage or functional failure.

5.3 Test Result

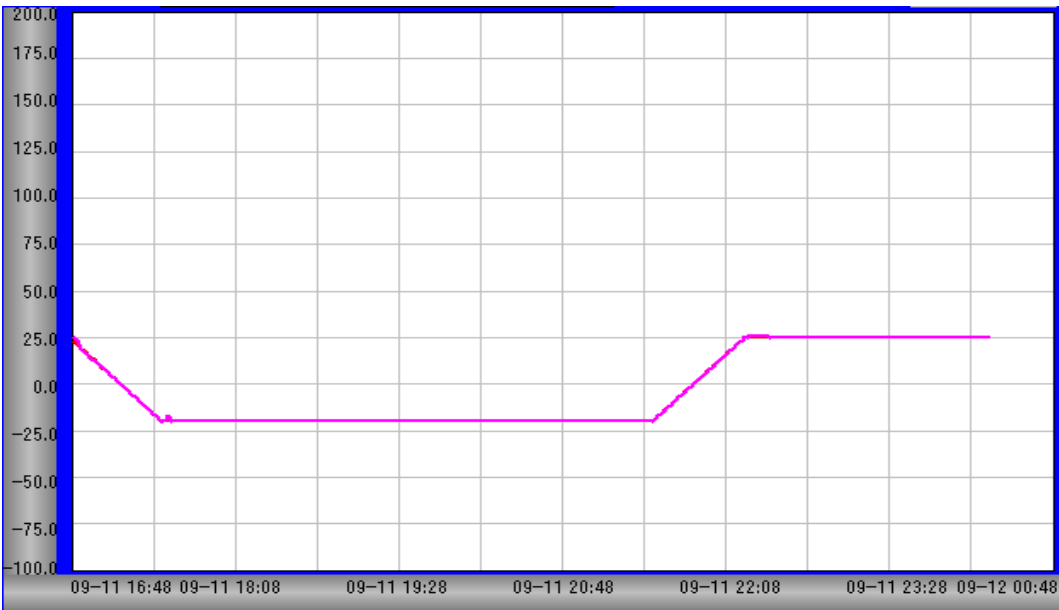
- 1) During the test, the specimens exhibited no functional failure.
- 2) After the test, the specimens exhibited no appearance damage or functional failure.

5.4 Test Conclusion

Pass

5.5 Photo and Profile

	
No.5-1 Inspection before test	No.5-2 Low temperature test (operation) specimen placement
	
No.5-3 Inspection after test	No.5-4 Inspection after test



No.5-5 Low temperature test (operation) profile

6 SAND AND DUST TEST

6.1 Test Requirement

Test criteria: MIL-STD-810H:2019 method 510.7 4.1.4.2, procedure I

Specimen No.: ACSH202609009-S01~ ACSH202609009-S02

Specimen status: Unpackaged, operating

Test method:

- 1) Maintain the temperature at 25°C, add dust with a concentration of 10g/m³, dust diameter less than 150μm adjust the wind speed to 8.9m/s, and conduct a 6-hour dust blowing test.
- 2) Stop blowing dust; reduce the experimental wind speed to 1.5m/s, and raise the temperature to 35°C within one hour.
- 3) Adjust the wind speed to 8.9m/s, add dust with a concentration of 10g/m³, and continue to maintain for 6 hours.

6.2 Acceptance Criteria

- 1) After the test, the specimen should exhibit no appearance or structure damage.
- 2) After the test, the specimen exhibited no functional failure.

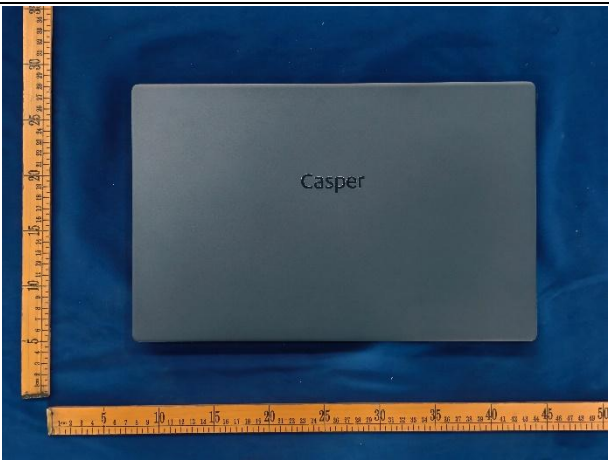
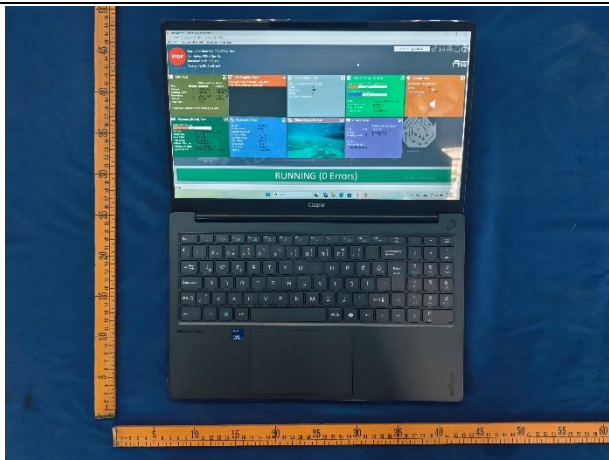
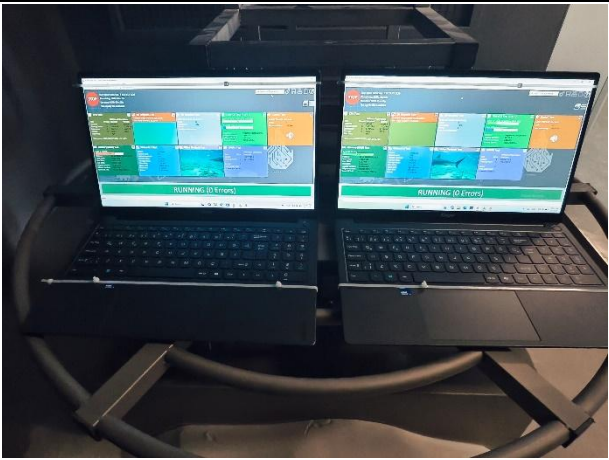
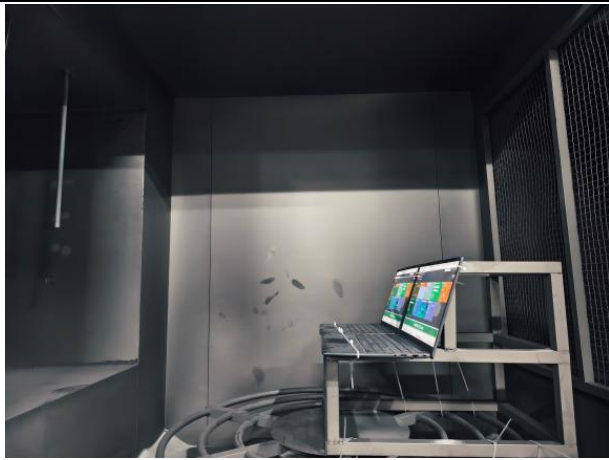
6.3 Test Result

- 1) After the test, the specimens exhibited no appearance or structure damage: the sand dust did not cause adhesion, blockage, jamming of moving parts or obstruction.
- 2) After the test, the specimens exhibited no functional failure: they could be powered on normally, the screen displayed correctly and the 30-minute burn-in test did not generate any errors; the speaker produced no abnormal noise or distortion.

6.4 Test Conclusion

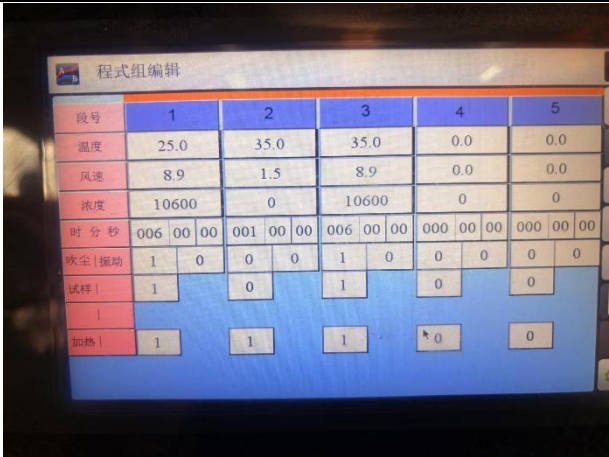
Pass

6.5 Photo and Profile

	
No.6-1 Inspection before test (ACSH202609009-S01 specimen)	No.6-2 Inspection before test (ACSH202609009-S01 specimen)
	
No.6-3 Inspection before test (ACSH202609009-S02 specimen)	No.6-4 Inspection before test (ACSH202609009-S02 specimen)
	
No.6-5 Sand and dust test specimen placement	No.6-6 Sand and dust test specimen placement



No.6-7 Specimen Position (In test)



No.6-8 Program configuration interface



No.6-9 Control panel



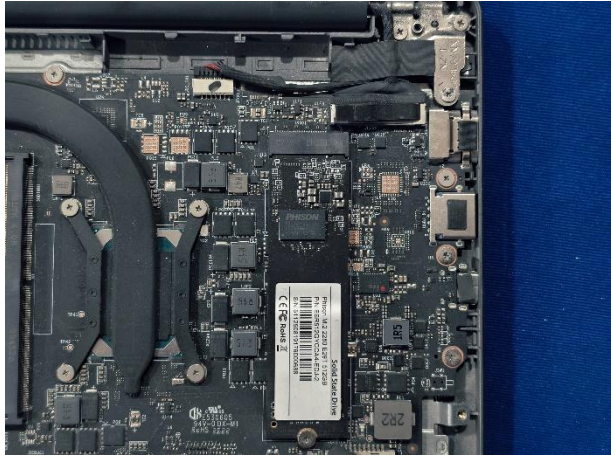
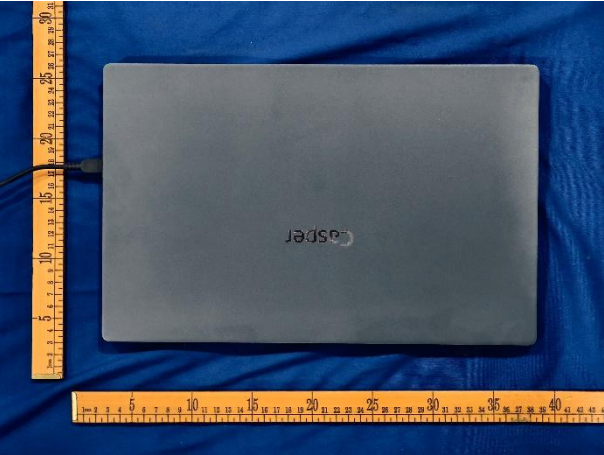
No.6-10 Control panel

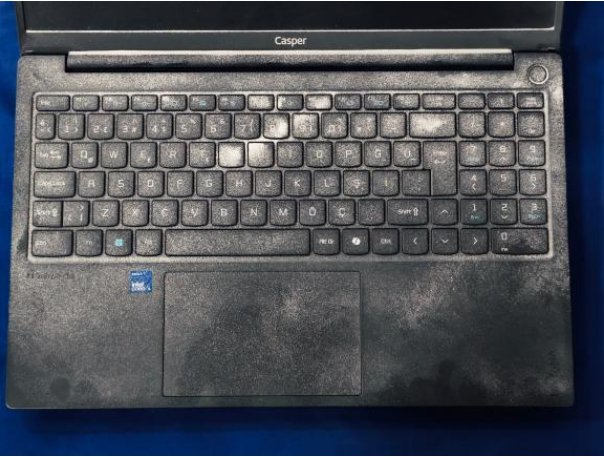


No.6-11 Control panel



No.6-12 Inspection after test
(ACSH202609009-S01 specimen)

	
No.6-13 Inspection after test (ACSH202609009-S01 specimen)	No.6-14 Inspection after test (ACSH202609009-S01 specimen)
	
No.6-15 Inspection after test (ACSH202609009-S01 specimen)	No.6-16 Inspection after test (ACSH202609009-S01 specimen)
	
No.6-17 Inspection after test (ACSH202609009-S01 specimen)	No.6-18 Inspection after test (ACSH202609009-S02 specimen)

	
No.6-19 Inspection after test (ACSH202609009-S02 specimen)	No.6-20 Inspection after test (ACSH202609009-S02 specimen)
	
No.6-21 Inspection after test (ACSH202609009-S02 specimen)	No.6-22 Inspection after test (ACSH202609009-S02 specimen)

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PPENDIX A EQUIPMENT USED FOR TEST

Table 2 Test equipment used

No.	Equipment	Equipment ID	Type	Manufacturer	Due date
1	Thermal chamber	SBDG0374	KMH-1000S	KOMEG	Apr.29,2027
2	Military standard wind and dust test box	ACSH-A-098	GK-JBSC2200	DGGBTE	Dec.08,2026

-----End of Report-----



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Complaint hotline: 0769-23324601, Email: sjjtdg@smq.com.cn