Construction Check Report

File No: 20261546
Report No: TR_20261546_1
Issue Date: 15/10/2026
Issued by: Elif Ecem Coşkun

Client	Casper Bilgisayar Sistemleri A.Ş.		
Manufacturer	Casper Bilgisayar Sistemleri A.Ş.		
Testing Laboratory	Sgs Supervise Gözetme Etüd Kontrol Servisleri A.Ş. Tüketici ve Perakende Laboratuvarı (Consumer and Retail Laboratory)		
Product Description	All In One PC		
Product Trademark	Casper		
Product Model	Nirvana One A870		
Serial No	SR004552865		
PO No.	-		
Service Performed	Construction Check	**Sample Quantity**	1 sample
Standards Used	Client's Request		
Clauses Examined	Client's Request		
CONCLUSION	CPU/GPU/FPS Performance	☒ **Conformed** ☐ **Not Conformed**	
	Display Brightness	☒ **Conformed** ☐ **Not Conformed**	
	Sound Intensity	☒ **Conformed** ☐ **Not Conformed**	
	Thermal Performance	☒ **Conformed** ☐ **Not Conformed**	
REMARK	Please see test results on pages between 5 - 9.		

Checked by:
Elif Ecem Coşkun
Senior Test Engineer

Reviewed by:
Nurullah Çağlar
Team Leader

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Summary of testing: Nirvana One A870 model all in one PC has been tested according to client's request.

Tests performed (name of test and test clause):

- Client's Request

Clause:

- CPU / GPU Performance Test
- Display Brightness
- Sound Intensity
- Thermal Test

Testing location:

Sgs Supervise Gözetme Etüd Kontrol Servisleri A.Ş. Tüketici ve Perakende Laboratuvarı (Consumer and Retail Laboratory) /

Bağlar Mah. Osmanpaşa Cad. İş İstanbul 34 No.95 A Bağcılar İstanbul 34209, Türkiye

Summary of compliance with National Differences: N/A

Copy of marking plate:





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Possible test case verdicts:

- test case does not apply to the test object .....:	N/A
- test case does not requested to the test object..:	N/R
- test object does meet the requirement .....:	P (Pass) or AP (Appropriate)
- test object does not meet the requirement .....:	F (Fail)

Testing .....:	
Date of receipt of test item .....:	21.09.2026
Date (s) of performance of tests .....:	23.09.2026 – 09.10.2026

General remarks:

The test results presented in this report relate only to the object tested.

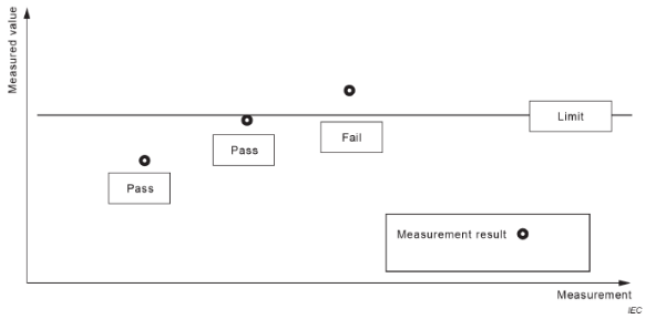
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"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.

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When required in conformity assessments, Sgs Supervise Gözetme Etüd Kontrol Servisleri A.Ş. Tüketici ve Perakende Laboratuvarı (Consumer and Retail Laboratory) applies IEC Guide 115 Clause 4.4.3 Procedure 2 as decision rule.



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General product information:

- The appliance is a All In One PC.
- The applinace has not a external GPU.

Model Table:

Trademark	Model Name	Ratings	CPU	Technical Specifications
Casper	Nirvana One A870	19 V⎓ 6,3 A	Intel Core Ultra 7 255H	2x32 64GB RAM 27 ‘’

Conclusion of Tests

Client’s Request		
Performance Test	**Require**	**Comply**
CPU/GPU/FPS Performance	Y	P
Display Brightness	Y	P
Sound Intensity	Y	P
Thermal Performance	Y	P
Conclusion: The tested appliance, identified as the Casper Nirvana One A870 All In One PC, successfully completed all applicable tests and met all specified acceptance criteria. Based on the test results obtained, the tested product complies with the applicable requirements.		

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SPECIFICATION REQUIREMENTS & TEST RESULTS

1. CPU / GPU Performance Test

Test Conditions

- All background applications shall be closed during the tests.
- Each test shall be repeated three times, with a cooling period between consecutive tests.
- The computer operating mode shall be set to Best Performance Mode.
- The ambient temperature shall be maintained at 23 °C.
- The device shall be disconnected from the Internet during the tests.

Test Results

Software	GeekBench (v6.2.2.2)						
Ambient	23 °C, 53%Rh						
Cooling Period	15 mins						
Test	**1. Meas.**	**2. Meas.**	**3. Meas.**	**Average**	**Criteria**	**Result**	**Evaluation**
Single Core	2883	2881	2872	2879	2700	107 %	P
Multi Core	13652	13645	13706	13668	12500	109 %	P

Software	CineBench (vR23.2)						
Ambient	23 °C, 53%Rh						
Cooling Period	15 mins						
Test	**1. Meas.**	**2. Meas.**	**3. Meas.**	**Average**	**Criteria**	**Result**	**Evaluation**
Single Core	2135	2148	2142	2142	1950	110 %	P
Multi Core	12410	12406	12459	12425	11500	108 %	P

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Software	3D Mark						
Ambient	23 °C, 53%Rh						
Cooling Period	15 mins						
Test	**1. Meas.**	**2. Meas.**	**3. Meas.**	**Average**	**Criteria**	**Result**	**Evaluation**
Firestrike	7089	7365	7379	7278	7000	104 %	P
Firestrike Ultra	1910	1953	1966	1943	1900	102 %	P
Firestrike Extreme	3424	3522	3516	3487	3250	107 %	P

Software	PC Mark						
Ambient	23 °C, 53%Rh						
Cooling Period	15 mins						
Test	**1. Meas.**	**2. Meas.**	**3. Meas.**	**Average**	**Criteria**	**Result**	**Evaluation**
PC Mark Extended Score	8149	8122	8084	8118	8000	101 %	P
Essential	9796	9688	9669	9718	10000	97 %	AP
Productivity	19113	19199	19113	19142	18000	106 %	P
Digital Content Creation	10438	10476	10218	10377	10250	101 %	P
Gaming	6099	6036	6113	6083	6000	101 %	P

Supplementary Information:
* Measurement values are representative as score.
*The acceptance criteria and evaluation tolerances were specified by the client. A result up to 3% below the specified acceptance criterion was considered appropriate (AP), while a result exceeding the specified acceptance criterion was considered acceptable (P). The test results were evaluated accordingly.

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2. Display Brightness Measurement

Test Conditions

- Test shall be performed in a dark environment.
- Display brightness shall be set to 100%.
- The white-cooled image provided by the client shall be displayed on the screen.
- The unit of the measurement results is cd/m² (nit)

Test Results



	Result	Deviation	Criteria	Evaluation
Center of display	454	+ 51 %	300	P
Average of nine sections	394	+ 31 %	300	P

*The acceptance criteria and evaluation tolerances were specified by the client. A result up to 10 % below the specified acceptance criterion was considered appropriate (AP), while a result exceeding the specified acceptance criterion was considered acceptable (P). The test results were evaluated accordingly.

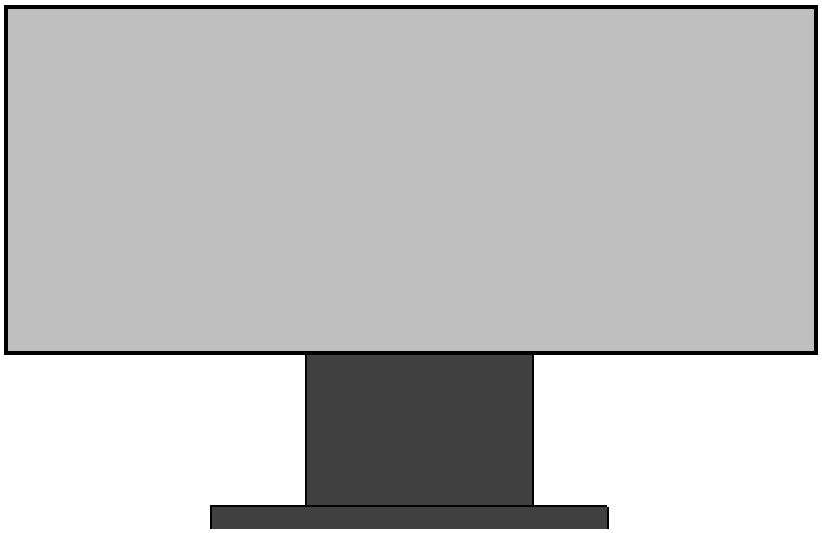
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3. Sound Intensity

Test Conditions

- Test shall be performed in a quit environment (30 – 33 dB)
- The sound provided by the client shall be played on the PC.
- Each test shall be repeated three times.
- Measurements shall be done with 50 and 100 cm distance from the PC.
- The unit of the measurement results is db.

Test Results



50 cm				
	1. Meas.	**2. Meas.**	**3. Meas.**	**Average**
Idle	40,4	39,8	37,2	39
%100 CPU	47	43	42	44
Music	73,7	73,5	73,6	74

100 cm				
	1. Meas.	**2. Meas.**	**3. Meas.**	**Average**
Idle	30	30,5	29,5	30
%100 CPU	43,3	43	41,6	43
Music	73,6	74	73,4	74
Supplementary Information: The customer has confirmed that the Sound Intensity Test results meet their own acceptance criteria.				

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4. Thermal Test

Test Conditions

- All background applications shall be closed during the tests.
- Display brightness and sound level shall be 100 %
- Video which provided by client shall be played.
- The ambient temperature shall be maintained at 23 °C.
- Test duration shall be 1 hour.

Test Results

Measurement Location	Average	Max	Results	Criteria	Evaluation
Back Cover (Top-Left)	25,9	27,5	- 38,9 %	45	P
Back Cover (Bottom-Left)	27,9	29,6	- 34,2 %	45	P
Back Cover (Top-Right)	26,5	28	- 37,8 %	45	P
Back Cover (Bottom-Right)	26,4	30,5	- 32,2 %	45	P
Display (Center)	24	29,5	- 34,4 %	45	P
CPU (measured with HWinfo64)	82,1	86,8	- 3,6 %	90	P

Supplementary Information:

* Measurements were performed using Keysight 34970A Data Logger and Thermocouple
* The unit of the measurement values is degrees (°C).
* The acceptance criteria and evaluation tolerances were specified by the client. Results below the specified acceptance criterion were considered acceptable (P), while results exceeding the specified acceptance criterion by up to 10% were considered appropriate (AP).
* The test results were evaluated accordingly. The evaluation was based on the maximum results obtained.

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Photo Documentation

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Details of view :	Appliance	[X] general	[ ] front	[ ] rear	[ ] right	[ ] inside



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Details of view :	Stand Apparatus	[X] general	[ ] front	[ ] rear	[ ] right	[ ] inside

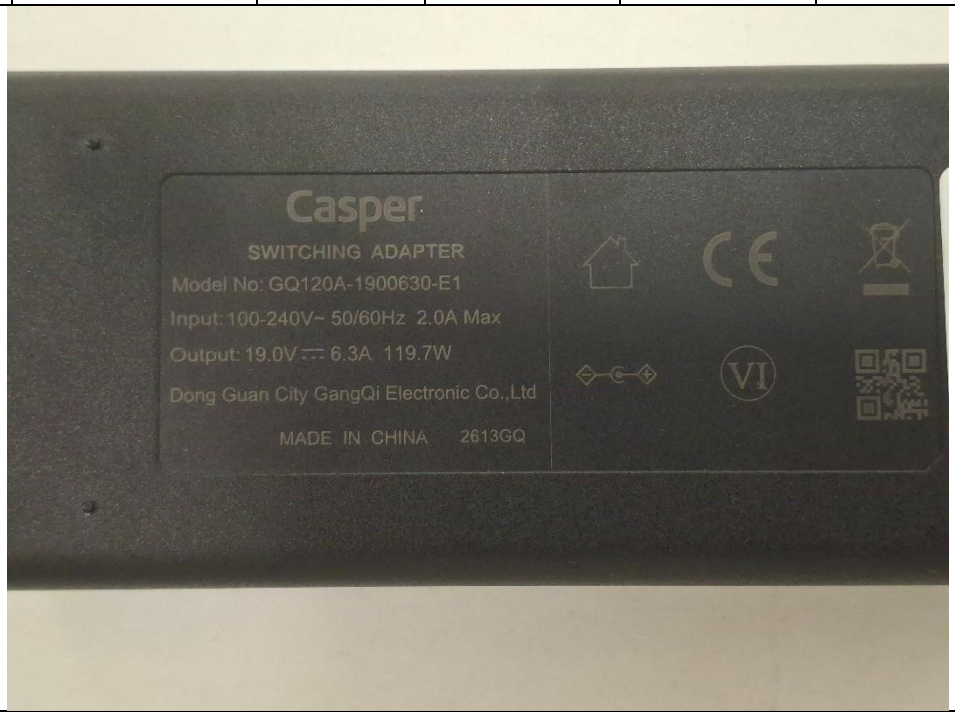


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--- End of Test Report ---

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