



Report No.202600652IST

DENEY RAPORU / TEST REPORT**BAŞVURU FİRMANIN ADI / APPLICANT NAME**

Casper Bilgisayar Sistemleri A.Ş.

BAŞVURU FİRMANIN ADRESİ / APPLICANT ADDRESSFatih Sultan Mehmet Mah. Balkan Cad. No: 47 Ümraniye/
İstanbul**PROJE NUMARASI / PROJECT NUMBER**

IST26Q.0694.05

HİZMET KAPSAMI / SCOPE OF SERVICE

Construction Check

RAPOR NUMARASI / REPORT NUMBER

202600652IST

YAYIMLANMA TARİHİ / ISSUE DATE

29.09.2026

TOPLAM SAYFA NUMARASI / TOTAL NUMBER OF PAGES

12

Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda belirtilmiştir.

The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.

Aksi talep edilmediği sürece Intertek Türkiye Elektrik Laboratuvarı paylaşılan risk karar kuralını uygulamaktadır.

The Intertek Turkey Electrical Laboratory applies the shared risk decision rule unless otherwise requested.

Bu raporda yer alan deney ve ölçüm sonuçları, müşteri tarafından sağlanan numune veya numunelere ait olup yalnızca test edilen numune(ler) için geçerlidir; uygunluk değerlendirmesi de bu numune(ler) üzerinden yapılmıştır.

The test and measurement results in this report belong to the sample(s) provided by the customer and are only valid for the tested sample(s); the conformity assessment has been made based on these sample(s).

Bu rapor, laboratuvarın yazılı izni olmadan kısmen kopyalanamaz, çoğaltılamaz, üçüncü şahıslarla paylaşılamaz, reklam aracı olarak kullanılamaz ve imza bulunmayan raporlar geçersizdir.

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Test Sonuç Özeti /Test Result Summary

Tanım / Description	Sonuç / Verdict
1. System Performance Benchmark Test	PASS
2. Display Brightness Uniformity Test	PASS
3. Thermal Performance Test	PASS
4. Acoustic Noise Test	PASS



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BÖLÜM 1: TEST BAŞVURUSUNA AİT GENEL BİLGİLER

/SECTION 1: GENERAL INFORMATION ABOUT THE TEST APPLICATION

TALEP EDİLEN HİZMET/ SERVICE REQUESTED

Numune Tanımı: / Test item Description	All-in-One PC
Marka: /Trademark	Casper
Model/Tip referansı: / Model/Type reference	NIRVANA ONE A870
Üretici Firmanın Adı ve Adresi : / Manufacturer Name & Address	Casper Bilgisayar Sistemleri A.Ş. Fatih Sultan Mehmet Mah. Balkan Cad. No: 47 Ümraniye/İstanbul

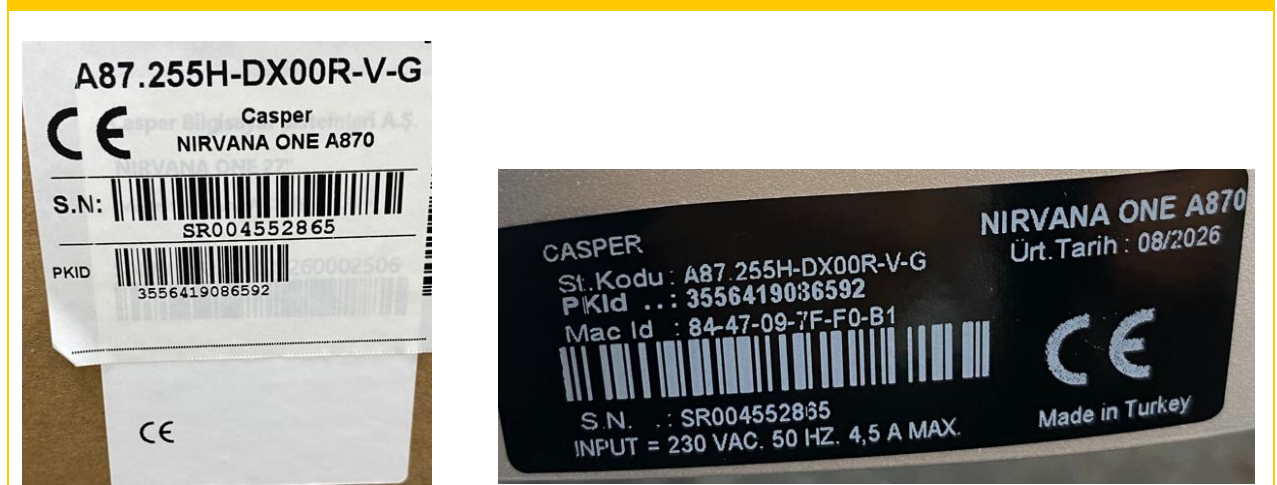
MODEL TABLOSU/ Model Table

Marka /Trademark	Model/Tip referansı / Model/Type reference	CPU	GPU	Teknik Özellikler /Specifications
Casper	NIRVANA ONE A870	INTEL Core Ultra 7 255H	Integrated GPU (Intel Arc 140T)	2x16 32GB DDR5 6400MHz

TEST /TESTING

Test Numunesi Geliş Tarihi: /Date of receipt of test item	26.08.2026
Test Numunesi Kabul No: /Test item receipt number	S26.0688
Test Numunesi Seri No: /Test item serial number	SR004552865
Test Tarihi: /Date (s) of performance of tests	31.08.2026 - 21.09.2026

İŞARETLEME ETİKETLERİ /MARKING PLATES



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BÖLÜM 2: TEST METODU VE YAPILIŞ:

/SECTION 2: TEST METHOD AND APPLICATION

1- System Performance Benchmark Test

CPU Performance Test						
		Intertek Test Results	Casper Test Results	Criteria	Difference (Intertek&Criteria)	Verdict (-/+ %3 PASS)
GeekBench (v6.2.2)	Single Core:	2.928	2.869	2.700	108%	PASS
	Multi Core:	13.935	12.815	12.500	111%	PASS
CineBench (vR23.2)	Single Core:	2.160	2.144	1.950	111%	PASS
	Multi Core:	12.164	12.005	11.500	106%	PASS

GPU Performance Test								
	Intertek Test Results			Intertek Test Result average	Casper Test Result average	Criteria	Difference (Intertek&Criteria)	Verdict (-/+ %3 PASS)
	Test 1	Test 2	Test 3					
Firestrike	7.451	7.458	7.473	7.461	6.880	7.000	107%	PASS
Firestrike Ultra	1.980	1.979	1.976	1.978	1.923	1.900	104%	PASS
Firestrike Extreme	3.554	3.557	3.519	3.543	3.279	3.250	109%	PASS

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COMBO Performance Test								
	Intertek Test Results			Intertek Test Result average	Casper Test Result average	Criteria	Difference (Intertek&Criteria)	Verdict (-/+ %3 PASS)
	Test 1	Test 2	Test 3					
PC Mark Extended Score	7.992	8.044	8.119	8.052	7.986	8.000	101%	PASS
Essential	9.658	9.646	9.661	9.655	9.664	10.000	97%	PASS
Productivity	18.114	18.371	19.097	18.527	18.264	18.000	103%	PASS
Digital Content Creation	10.361	10.412	10.392	10.388	10.395	10.250	101%	PASS
Gaming	6.084	6.135	6.126	6.115	6.041	6.000	102%	PASS

2- Display Brightness Uniformity Test

Display Brightness Uniformity Test			
Test method	The device display is divided into nine equal sections, and the display luminance (nit) (cd/m ²) of each section is measured using a spectrometer.		
	Intertek Test Results	Criteria	Verdict
Center	355	300	PASS
Average	339	300	PASS

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3- Thermal Performance Test

Thermal Performance Test						
Test method	1- Open two different 2K videos simultaneously using Media Player and run them for 240 minutes (for case temperature). 2- Run HeavyLoad under 100% load for 60 minutes (for CPU temperature).					
Test scope	Measurement and recording of the temperature values at the specified measurement points after 240 minutes.					
Test duration	240 minutes + 60 minutes					
Ambient temperature	23,2 °C					
Measurement Points	Intertek Test Results		Explanation	Criteria	Difference	Verdict
	Max. Temperature (°C)	Avg. Temperature (°C)				PASS: The result is below the specified criterion or does not exceed the criterion by more than 3%.
Back Cover upper left	28	27	Upper left area at the rear of the case	40	-30,0%	PASS
Back Cover lower left	25,5	25,2	Lower left area at the rear of the case	40	-36,3%	PASS
Back Cover upper right	26	25	Upper right area at the rear of the case	45	-42,2%	PASS
Back Cover lower right	26,9	25,2	Lower right area at the rear of the case	40	-32,8%	PASS
LCD center	28,5	26	Center point of the device monitor	45	-36,7%	PASS
CPU	60	58	HWiNFO64, internal CPU sensor reading	90	-33,3%	PASS

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4- Acoustic Noise Test

Acoustic Noise Test			
Test method	After logging into Windows, sleep mode is disabled through the Settings menu. The sound level is measured for 1 minute at the specified distances using a dB meter. The test is repeated three times, and the average value is calculated to determine the overall result.		
Test ambient noise level	22,7 dB		
	Intertek Test Results	Casper Test Results (Test ambient: 30-33dB)	Verdict
Distance: 50cm			
Idle*	30,9 dB	37 dB	PASS
%100 CPU Load	41,2 dB	41 dB	PASS
Music (Speakers)	78,9 dB	78 dB	PASS
Distance: 100cm			
Idle*	30,7 dB	36 dB	PASS
%100 CPU Load	36,3 dB	40 dB	PASS
Music (Speakers)	75,8 dB	76 dB	PASS
*: The difference observed in the Idle measurement is considered acceptable and may be attributed to the different ambient noise levels of the test environments.			

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BÖLÜM 3: TEST SONUÇLARI:

/SECTION 3: TEST RESULTS

Madde /Clause	Tanım /Description	Ortam Şartı /Ambient Condition	Sonuç /Result
1	System Performance and Gaming Benchmark Test	22,8 °C, 49,9 %Rh	P
2	Display Brightness Uniformity Test	23,7 °C, 48,9 %Rh	P
3	Thermal Performance Test	23,2 °C, 50,7 %Rh	P
4	Acoustic Noise Test	22,1 °C, 50,1 %Rh	P

Ek Bilgi:

/ Supplementary Information:

P: Uygun / Conformed

F: Uygunsuzluk / Non-Conformity

N/A: Uygulanabilir değil / Not Applicable

Madde /Clause	Değerlendirme / Assessment
1	No results outside the permissible deviations specified by the acceptance criteria were observed.
2	No results outside the permissible deviations specified by the acceptance criteria were observed.
3	No results outside the permissible deviations specified by the acceptance criteria were observed.
4	No results outside the permissible deviations specified by the acceptance criteria were observed.

Test Eden: /Tested by	Hasan Erdem ESMER	Onaylayan: /Approved by	Hüseyin YAMAN
Ünvan: /Title	Project Engineer	Ünvan: /Title	Team Leader
İmza: /Signature		İmza: /Signature	
Tarih: /Date	29.09.2026	Tarih: /Date	29.09.2026

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BÖLÜM 4: TEST EKİPMANLARI:

/SECTION 4: TEST EQUIPMENT

Ekipman Adı /Equipment Name	Üretici /Manufacturer	Ekipman /ID	Kalibrasyon Tarihi /Calibration Date	Sonraki Kal. Tarihi /Next Cal. Date
Infrared - Visual Thermometer	Fluke	EN 9	10.2025	10.2026
Chronometer	Casio HS-80TW	EN 114	02.2026	02.2027
Temperature Recorder	HIOKI	EN 284	06.2026	06.2027
Calliper	INSIZE	EN 288	07.2026	07.2027
Miniature Spectrometer	Ocean Optics	EN 265 B	Initial Calibration	Initial Calibration
Analyser	Brüel & Kjaer	EN 163	08.2026	08.2027
Calibrator	Brüel & Kjaer	EN 164	08.2026	08.2027
Microphone 1	G.R.A.S	EN 165	08.2026	08.2027
Microphone 2	G.R.A.S	EN 166	08.2026	08.2027
Microphone 3	G.R.A.S	EN 167	08.2026	08.2027
Tape	Ceta Form P05-0316	EN 40	11.2025	11.2028
Ambient Meter	Dostmann Electronic	EN 319	01.2026	01.2027



DENEY RAPORU / TEST REPORT**BÖLÜM 5: FOTO DOKÜMANTASYON**
*/SECTION 5: PHOTO DOCUMENTATION***General Photos:****Photo 1.** General view of the Nirvana A870**Photo 2.** General view of the Nirvana A870

DENEY RAPORU / TEST REPORT**Test Photos:****Photo 3.** 3DMark test of the Nirvana A870**Photo 4.** Thermal performance test of the Nirvana A870

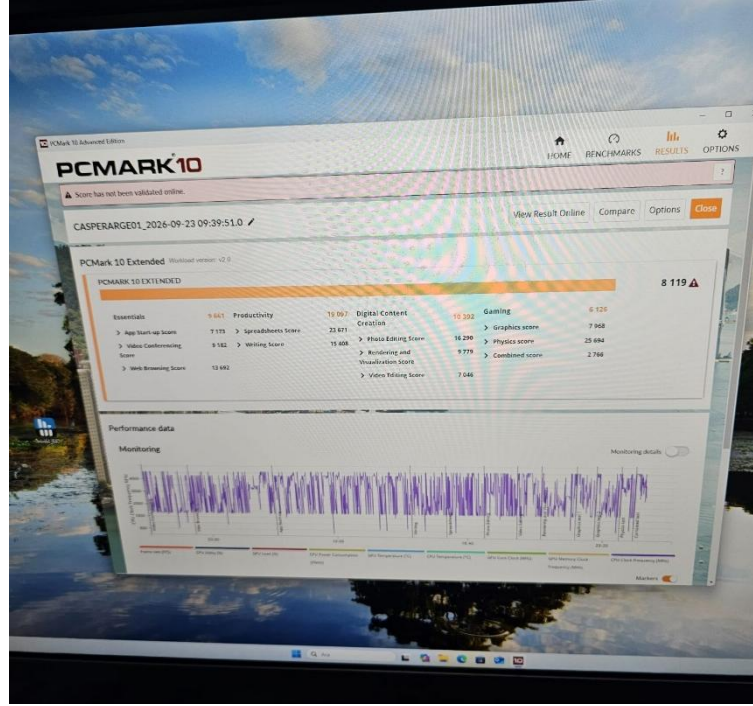
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Photo 5. PCMark 10 extended test of the Nirvana A870

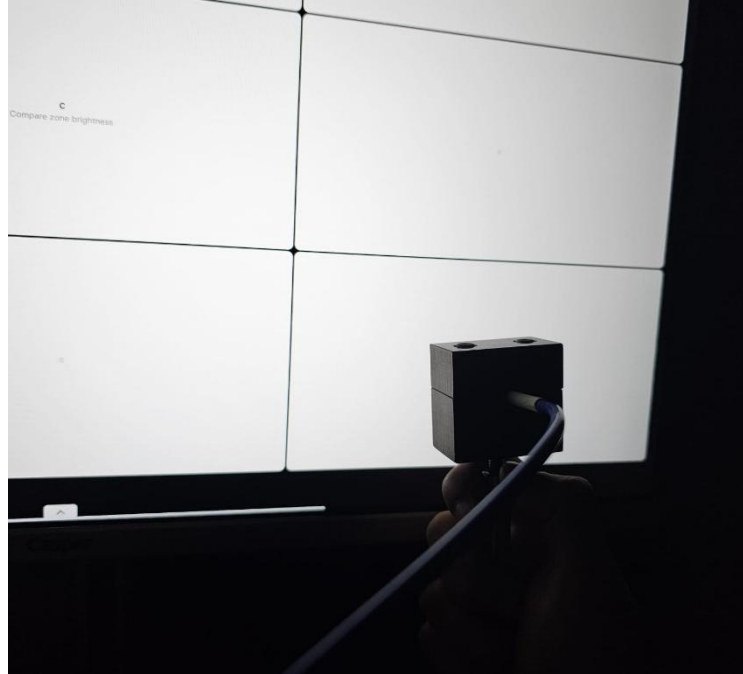


Photo 6. Screen brightness uniformity of the Nirvana A870

DENEY RAPORU / TEST REPORT**Photo 7.** Acoustic noise test of the Nirvana A870