



Report No.202600543IST

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.0694.04

HİZMET KAPSAMI / SCOPE OF SERVICE

Construction Check

RAPOR NUMARASI / REPORT NUMBER

202600543IST

YAYIMLANMA TARİHİ / ISSUE DATE

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14

Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metotları 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 and Gaming Benchmark Test	PASS
2. Display Brightness Uniformity Test	PASS
3. Thermal Performance Test	PASS
4. Hinge Durability Test	PASS
5. Battery Performance 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	Notebook
Marka: /Trademark	Casper
Model/Tip referansı: / Model/Type reference	X600
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	X600	AMD Ryzen 5 7430U	Integrated GPU	2x6 16 GB DDR4 3200MHz RAM

TEST /TESTING

Test Numunesi Geliş Tarihi: /Date of receipt of test item	05.08.2026
Test Numunesi Kabul No: /Test item receipt number	S26.0621
Test Numunesi Seri No: /Test item serial number	SR004543864
Test Tarihi: /Date (s) of performance of tests	06.08.2026 - 20.08.2026

İŞARETLEME ETİKETLERİ /MARKING PLATES



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BÖLÜM 2: TEST METODU VE YAPILIŞ:

/SECTION 2: TEST METHOD AND APPLICATION

1- System Performance and Gaming Benchmark Test

CPU Performance Test						
		Intertek Test Results	Casper Test Results	Criteria	Difference (Intertek&Criteria)	Verdict (-/+ %3 PASS)
GeekBench (v6.2.2)	Single Core:	1.841	1.868	1.800	102%	PASS
	Multi Core:	6.906	6.854	6.700	103%	PASS
CineBench (vR23.2)	Single Core:	1.393	1.392	1.300	107%	PASS
	Multi Core:	6.383	6.304	6.400	100%	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	4.497	4.652	4.746	4.497	4.597	4.500	103%	PASS
Essential	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PASS
Productivity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PASS
Digital Content Creation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PASS
Gaming	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PASS

DENEY RAPORU / TEST REPORT**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	260	250	PASS
Maximum	260	N/A	PASS
Average	244	250	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% CPU and 100% GPU load for 60 minutes (for CPU and GPU 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	23,1 °C					
Measurement Points	Intertek Test Results		Explanation	Criteria	Difference	Verdict (PASS: The result is below the specified criterion or does not exceed the criterion by more than 3%.)
	Max. Temperature (°C)	Avg. Temperature (°C)				
WASD	31,1	30,9	Keyboard area heavily used during gaming	38	-29,7%	PASS
C Cover upper middle side	41,1	40,9	Upper case area aligned with the processor	50	-37,8%	PASS
C Cover down right side	26,3	26,2	Surface contacted by the right hand during keyboard use	35	-20,6%	PASS
D Cover CPU	41,4	41,2	Bottom cover area aligned with the processor	50	-26,0%	PASS
CPU	61,9	56,1	HWiNFO64, internal CPU sensor reading	90	-4,4%	PASS
GPU	N/A	N/A	HWiNFO64, internal GPU sensor reading	N/A	N/A	PASS

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4- Hinge Durability Test

Hinge Durability Test			
Test method	Durability test consisting of opening and closing the display at an angle of 110° using a hinge test machine for 20000 cycles		
Test scope	20000 opening and closing cycles		
	Intertek Test Results	Criteria	Verdict
5000 cycles	No deformation observed	No deformation	PASS
10000 cycles	No deformation observed	No deformation	PASS
15000 cycles	No deformation observed	No deformation	PASS
20000 cycles	No deformation observed	No deformation	PASS

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5- Battery Performance Test

Battery Performance Test			
Test method	After setting the device to 50% brightness, 50% volume, keyboard backlight off, and Wi-Fi and Bluetooth on, the time elapsed between 95% and 5% battery charge is logged using the Battery Logger application. (For devices with a dedicated graphics card, the GPU mode must be set to Hybrid Mode and the computer mode to Office Mode on the General page of Control Center, followed by restarting the device.)		
Test scope	Device discharge time from 95% to 5%		
	Intertek Test Results	Casper Test Results	Verdict (A $\pm 10\%$ tolerance between the discharge time and the discharge rate is ACCEPTABLE.)
%95 - %90	12 minutes	13 minutes	PASS
%95 - %60	88 minutes	91 minutes	PASS
%95 - %30	164 minutes	169 minutes	PASS
%95 - %5	228 minutes	247 minutes	PASS

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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 Benchmark Test	23,5 °C, 49,9 %Rh	P
2	Display Brightness Uniformity Test	22,2 °C, 49,9 %Rh	P
3	Thermal Performance Test	23,1 °C, 49,7 %Rh	P
4	Hinge Durability Test	23,2 °C, 50,1 %Rh	P
5	Battery Performance Test	22,8 °C, 50,4 %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.
5	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	 (e-signature)
Tarih: /Date	11.09.2026	Tarih: /Date	11.09.2026

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BÖLÜM 4: TEST EKİPMANLARI:

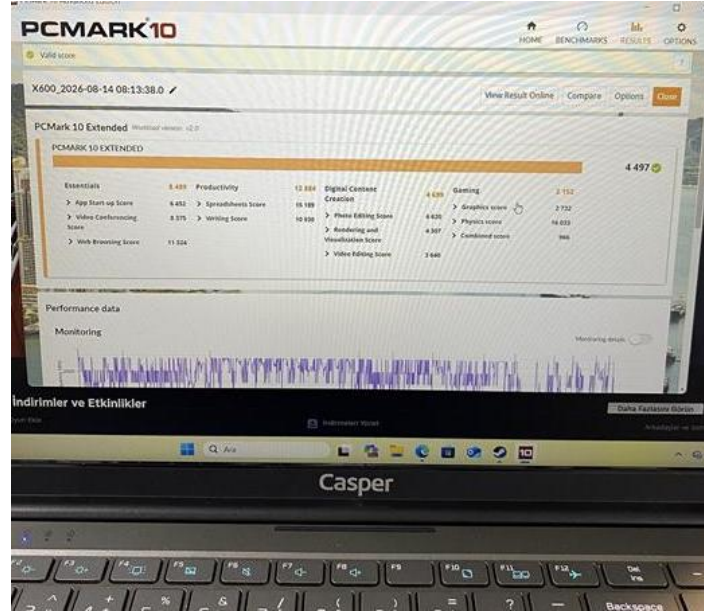
/SECTION 4: TEST EQUIPMENT

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



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

DENEY RAPORU / TEST REPORT**Test Photos:****Photo 3.** Cinebench R23 test of the Notebook**Photo 4.** Thermal performance test of the Notebook

DENEY RAPORU / TEST REPORT**Photo 5. PCMark 10 extended test of the Notebook****Photo 6. Screen Brightness Uniformity of the Notebook**

DENEY RAPORU / TEST REPORT**Photo 7. Hinge durability test of the Notebook**