

HARDWARE INTEGRITY & LIFECYCLE REPORT

Comprehensive System Internals & Purchase Diagnostics

1. BASIC SYSTEM IDENTIFICATION

Machine Name: MuhammadUsman

Operating System: Windows 11 (Ver: 10.0.26100)

Architecture: AMD64 / Intel64 Family 6 Model 142 Stepping 12, GenuineIntel

2. PROCESSOR (CPU) DEEP-DIVE

Full Model: Intel(R) Core(TM) i5-8365U CPU @ 1.60GHz

Core Count: 4 Physical / 8 Logical

Current Frequency: 1596.00 MHz

L2 Cache: 1048576 | L3 Cache: 6291456

3. KERNEL & MULTITASKING PERFORMANCE

Context Switches: 2,932,592,076 (High value indicates multitasking load)

System Interrupts: 1,990,367,639

Uptime: 173.62 Hours

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4. MEMORY & VIRTUAL STORAGE

Total Physical RAM: 15.78GB

Used RAM: 9.73GB (61.7%)

Available RAM: 6.05GB

Swap (Virtual) Memory: 5.2% Used

5. STORAGE HARDWARE & SSD HEALTH

S.M.A.R.T. Hardware Status: OK

Total Lifetime Reads: 480.92GB

Total Lifetime Writes: 203.24GB

Partition Details:

- C:\ (C:): 62.5% Full of 243.13GB

- E:\ (E:): 30.4% Full of 232.80GB

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6. BATTERY HEALTH (FOR LAPTOPS)

Battery Level: 53%

Power Source: Plugged In

Note: Battery not reaching 100%? Potential cell degradation.

7. NETWORK INTERFACE DATA

Total Data Sent: 246.79MB

Total Data Received: 1.49GB

FINAL PURCHASE ANALYSIS & VERDICT

PASS: This machine is in excellent health. No major hardware red flags detected.