signal65

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MediaTek
Kompanio Ultra 910

The Unplugged Advantage

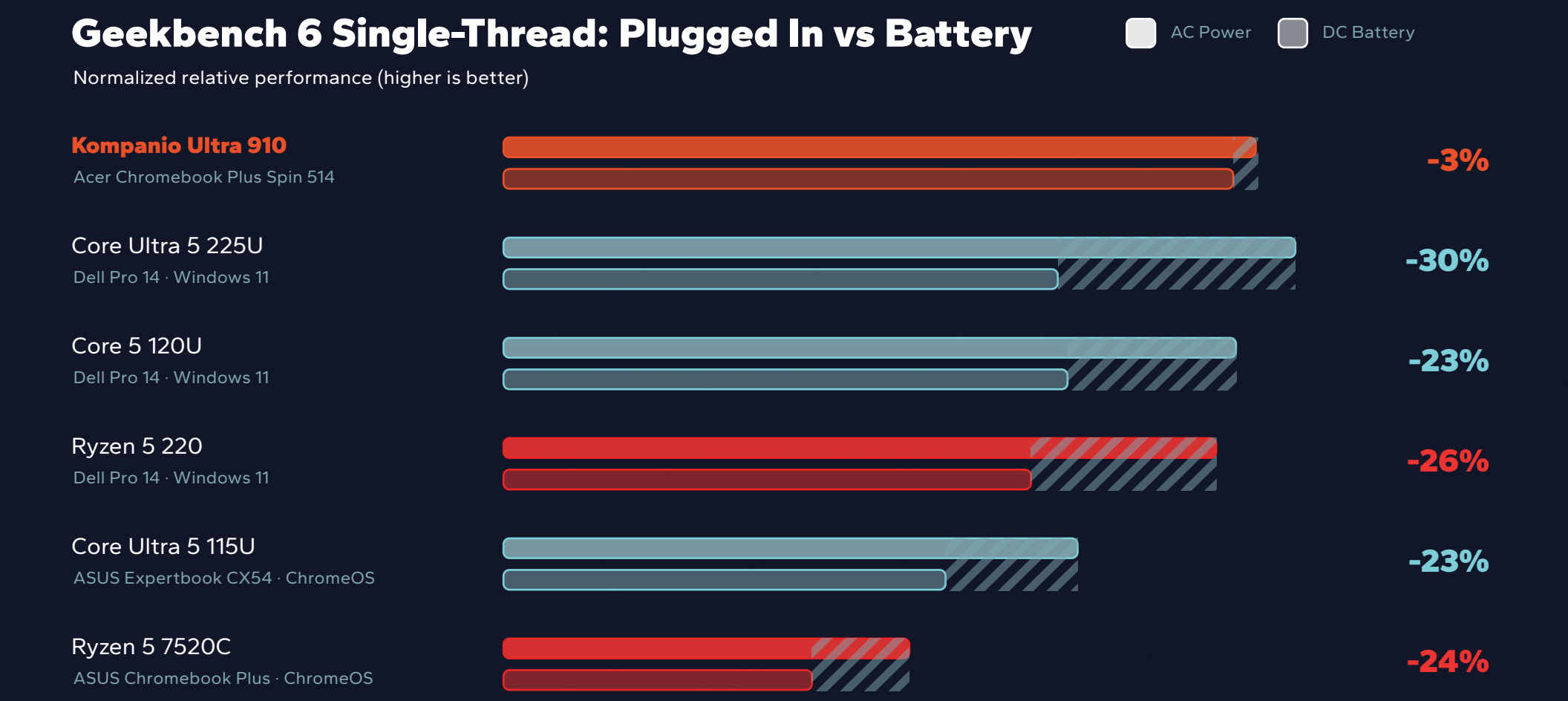
x86 Chromebooks lose up to 40% of their performance on battery power. The MediaTek Kompanio Ultra 910 barely flinches.

Up to 40%
x86 performance drop on battery

14-23%
Kompanio lead over x86 on battery (avg)

Geekbench 6 Single-Thread: Plugged In vs Battery

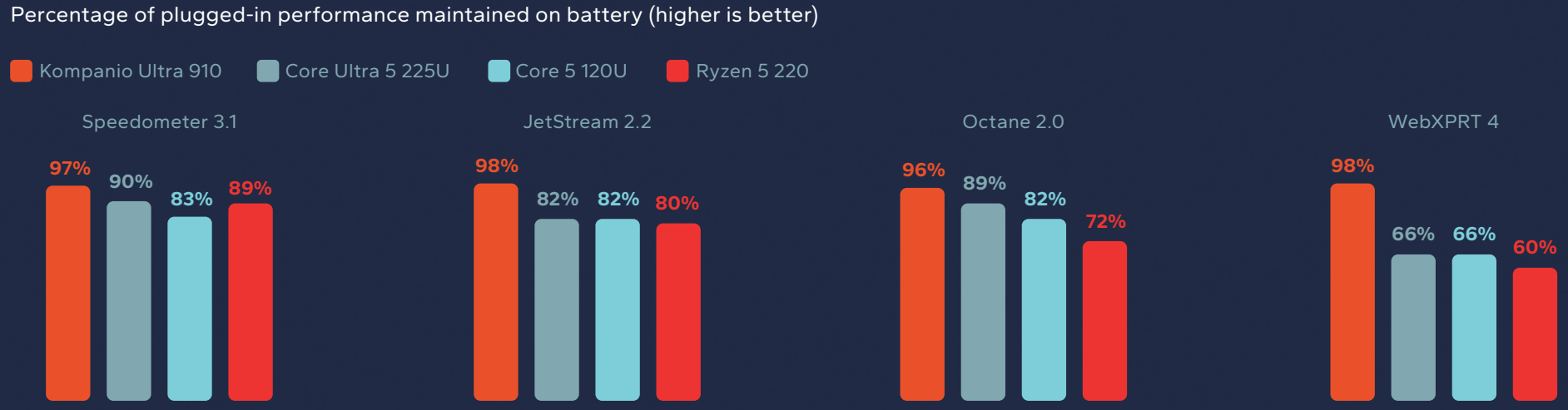
Normalized relative performance (higher is better)



Geekbench 6.5.0 Single-Thread — % drop from AC to DC power

Chrome Browser Performance Retained on Battery

Percentage of plugged-in performance maintained on battery (higher is better)



KEY TAKEAWAY

On battery, the Kompanio Ultra 910 wins nearly every benchmark — averaging **14% faster than the Core Ultra 5 225U** and **23% faster than both the Core 5 120U and Ryzen 5 220**. MediaTek's inherent efficiency advantage means consistent performance whether plugged in or not.

While x86 systems throttle

up to 40%

the Kompanio Ultra 910 drops only **2–6%**

Source: Signal65 Lab Insights — Kompanio Ultra 910 Architectural Comparison »