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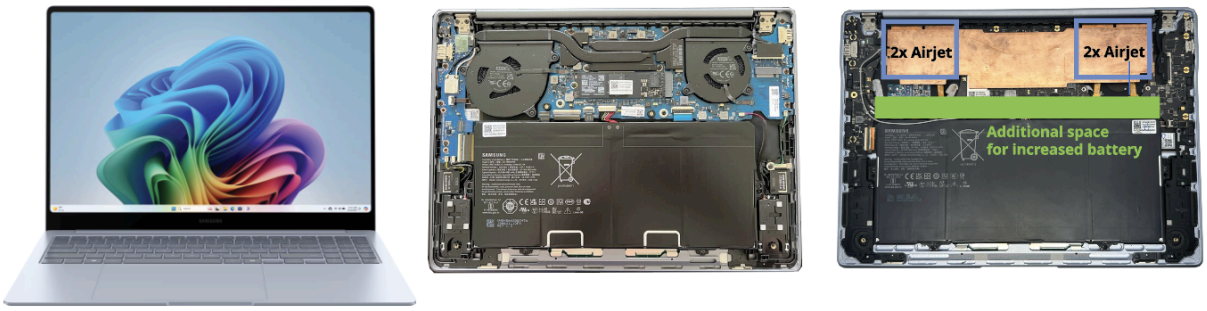
FRORE SYSTEMS
Do **More.**

Thin, silent, super powerful and long battery life… consumers can have it all in the world's thinnest Notebook

Galaxy Book4 Edge 14" **With Fans** **With AirJet**
50% higher performance
16% more battery



AirJet delivers a 50% performance boost to the Samsung Galaxy Book4 Edge 14", massively surpassing the MacBook Air 15" in thinness, performance and battery life

SAN JOSE, California – December 26, 2024: Frore Systems has demonstrated the massive increase in performance possible with AirJet solid-state active cooling chips in the new Samsung Galaxy Book4 Edge 14", the thinnest Notebook on the market at just 10.9 mm. The proof-of-concept Samsung Galaxy Book4 Edge 14", upgraded with AirJet, achieves an incredible 50% increase in sustained CPU & AI performance, showing that now, consumers really can demand it all. Frore Systems will be showcasing the upgraded Samsung Notebook in January at CES2025.

Frore Systems achieved the 50% performance boost in the Samsung Galaxy Book4 Edge 14", from 12 Watts to 18 Watts, by replacing the two large fans currently used in the Notebook with four AirJet chips. This innovative solution reduces the cooling solution footprint by 45% - the fans consuming 8,800 mm^2 of space vs the AirJet footprint of just 4,800 mm^2. Therefore, the extremely compact AirJet solution creates additional space inside the Galaxy Book4 Edge 14", potentially allowing for increasing the battery size from the current 55.9 Wh to 64.8 Wh – a 16% increase - improving video runtime from 20 hours to 23.2 hours.

The AirJet solution achieves this while allowing for a sleeker ID that is dustproof and water-resistant, no longer requiring the fan inlet holes across the back cover of the Galaxy Book4 Edge, all while maintaining its silent operation and super thin form factor of just 10.9 mm – retaining its coveted position as the slimmest notebook available.

Compared to the MacBook Air 15" which is thicker at 11.5mm, the Galaxy Book4 Edge upgraded with AirJet is not only thinner, but also surpasses the MacBook Air, in both performance and battery life by a staggering 50% and 29% respectively. The Galaxy Book4 Edge 14" with AirJet achieving 18 Watts sustained CPU & AI performance and 23.2 hrs video runtime vs the MacBook Air 15" running at an inferior 12 Watts and 18 hrs.

"The Samsung Galaxy Book4 Edge 14" is an incredible Notebook, already delivering impressive performance and battery life made possible by the amazing Qualcomm Snapdragon® X Elite processor", said Dr. Seshu Madhavapeddy, the founder and CEO of Frore Systems. "This all-new Microsoft Co-Pilot+ PC experience is transforming how users create, communicate and play. Just imagine the endless possibilities with additional 50% increase in sustained CPU & AI performance and 16% longer battery life enabled by AirJet. The future of AI is truly being unleashed by AirJet solid-state active cooling."

See the upgraded Samsung Galaxy Book4 Edge 14" with AirJet in action at CES2025, together with a range of commercially available products, manufactured by Frore Systems' customers and featuring AirJet solid-state active cooling. Frore Systems will be demonstrating many more proof-of-concept devices upgraded with AirJet chips and, AirJet PAKs, which are plug-and-play solid-state active cooling modules targeting Industrial and Smart Cities Edge AI devices and delivering uncompromising AI performance in industrial grade casings that are ultra compact, light, silent, vibration free, dustproof and water-resistant.

Experience the future of AI performance and more, in the Frore Systems Demonstration Room, January 7 – 10 in Las Vegas, at the Venetian Expo on Level 2, in Room 2401B.

About Frore Systems

Frore Systems is the developer of breakthrough thermal technology for electronic and consumer devices. The company's active cooling solutions, the AirJet®Mini, AirJet®Mini Slim, AirJet®Mini Sport, and AirJet®PAKs, are integrated into devices to remove heat silently, resulting in major performance gains and enabling thinner, lighter, silent, vibration free, dustproof and water-resistant devices. Frore Systems is headquartered in San Jose, CA with an office and manufacturing facility in Taiwan. For more information, please visit https://froresystems.com/

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