

AirJet Mini G2, by Frore Systems, improves heat removal by 50%, unleashing AI Reasoning models in Edge Devices

TAIWAN, Taipei – May 19, 2025: At COMPUTEX 2025, Frore Systems, the pioneering developer of AirJet Mini, the world's first Solid-State Active Cooling Chip, will unveil the AirJet Mini G2 – a new, more powerful solid-state active cooling chip, increasing heat removal by 50%, in the same compact footprint as the original AirJet Mini. AirJet Mini G2 is building on the success of the original AirJet Mini, which garnered widespread recognition, industry awards and customer wins. Frore Systems continues to accelerate the pace of innovation in thermal management in line with their ambitious Frore's Law – a vision to double the performance of their products every two years.

The new AirJet Mini G2 Chip is designed to support the increasing processing demands of AI Reasoning Models that are making industrial and consumer edge devices even smarter.

AI Reasoning Models spend more time "thinking", breaking down problems into steps and working through them logically, which requires more processing power. that can only be achieved with major improvements in heat removal, like those delivered by the new AirJet Mini G2.

AirJet® Mini G2, 27.3mm x 41.6mm x 2.5mm in size, removes 7.5 Watts of heat while generating 1750 Pascals of back pressure (10x higher than a fan) at a silent 21 dBA noise level, enabling higher performance in uniquely sleek, silent, dustproof, water-resistant and vibration free devices. AirJet® Mini G2 is the thinnest, most powerful, and most advanced solid-state active cooling chip available.

CREVIS, a leading manufacturer of machine vision cameras for global industrial applications, is an early adopter of the AirJet Mini Gen 2. "As a leader in industrial machine vision, it's essential that our products meet the latest demands of our customers," said Mr. Jun-Heoun Hwang, CEO of CREVIS. "By integrating the AirJet Mini Gen 2 into our cameras, we're able to achieve better image quality with lower noise, higher frame rates, and still maintain a compact and cool design. For a long time, heat issues had limited our performance — but this incredible technology helps us overcome those barriers. It's a true game-changer and a key differentiator for us in the market."

"We are thrilled to be working with CREVIS on their latest industrial machine vision camera," said Dr. Seshu Madhavapeddy, Founder and CEO of Frore Systems. "AirJet Mini G2 significantly improves image quality in cameras by lowering the sensor temperature, enables higher frame rates in hand-held gaming devices, faster read/write speeds in SSDs and higher radio transmit power in 5G WiFi hotspots. Moreover, AirJet Mini G2 delivers 50% higher heat removal in edge devices, enabling the faster processing required for quick response time from the AI Reasoning Models."

AirJet's compact size and scalable nature means manufacturers can achieve significantly increased heat removal for higher sustained performance in a wide range of faster, thinner, lighter, silent, dustproof, water-resistant and vibration free devices. AirJet can enhance performance across numerous devices from Notebooks, tablets, Mini-PCs, smartphones, cameras and SSDs, to the tsunami of consumer and industrial IOT devices, and in markets as diverse as the datacenter, defense, and automotive industries.

Frore Systems will be at Computex in Taipei next week, giving everyone the opportunity to see the new AirJet Mini G2 in action with a live demonstration of the new CREVIS Industrial Machine Vision Camera. Frore Systems will also be demonstrating the Samsung Galaxy Book5 Pro, Netgear 5G WiFi Hotspot and a USB5 SSD accessory upgraded with the new AirJet Mini G2 chip, demonstrating the performance increases and enhanced user experience improved device cooling can deliver. Live demonstrations will also include AirJet PAK, the plug and play solid-state active cooling solution, on Embedded Systems built with NVIDIA, Qualcomm and AMD SoMs. Also showcased are a range of commercial products with AirJet Mini G1 that are already shipping. Frore invites everyone to come and experience the versatility and impact solid-state active cooling is having across the electronics industry from May 19 - 23, 2025 at Computex in Room 504b of the Taipei World Trade Center Nangang Exhibition Hall.

About Frore Systems

Frore Systems is the developer of breakthrough thermal technology for embedded and consumer devices. The company's active cooling solutions, the AirJet®Mini, AirJet®Mini Slim, AirJet®Mini Sport, AirJet®Mini G2, 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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