

Sagire AI Unveils SagireEdge™ AI 600: An Innovative Edge AI System

San Diego, CA – September 25, 2024 – Sagire AI Inc, a pioneering company dedicated to empowering organizations to secure and harness the full potential of Artificial Intelligence and Internet of Things (AIoT), is proud to announce the launch of its latest innovation, the SagireEdge™ AI 600. This innovative Edge AI system is designed to support a wide range of applications with a cost-effective, energy-efficient, and powerful platform.

The AI 600 with its compact form factor, fanless design, wall-mounted brackets and extended temperature range specifications, is easy to deploy and an ideal platform for harsh and challenging IOT environments.

Powered by the Qualcomm® QCS6490 processor, the SagireEdge™ AI 600 platform supports 4K video encoding/decoding & streaming, with ample connectivity including two RJ45 Ethernet I/Fs, micro-HDMI, one USB 2.0, two USB 3.1s and digital I/O. There is an optional configuration that includes Wi-Fi 6E and BT 5.2. The system comes with Ubuntu Linux and there is Android support in development.

The QCS6490 processor is specifically optimized for AIoT solutions, featuring the Qualcomm® Kryo™ 670 CPU and a Qualcomm® Hexagon™ processor with an AI-accelerator architecture. This combination delivers robust connectivity and computing performance, making it ideal for industrial and commercial IoT applications. With a NPU speed of up to 2.7 GHz and combined AI performance acceleration up to 13 TOPS, the QCS6490 processor offers significant advantages in terms of low power consumption and long lifecycle compared to similar industry products.

The SagireEdge™ AI 600 also includes Sagire AI's proprietary software, Sagire AI Studio. This integrated solution facilitates the development, deployment, execution, analysis, and management of edge AI systems. Sagire AI Studio's tools and resources help automate manual tasks, reduce development time and costs, and address scalability, privacy, and security challenges end-to-end.

The SagireEdge™ AI 600 and Sagire Studio enable versatile applications across multiple vertical markets, including smart retail, smart security, smart transportation, smart building infrastructure, smart city initiatives, smart home setups, and fleet management systems.

In addition to the box form factor, Sagire AI previously introduced a system on module (SOM) based on the QCS6490 processor, catering to companies seeking to develop unique form factor solutions.

The Sagire AI 600 is currently available to order via Sagire's on-line store - <https://www.sagire.ai/product-page/sagireedge-ai-600-system> and with Wi-Fi option - <https://www.sagire.ai/product-page/copy-of-sagireedge-ai-600-industrial-platform-w-wi-fi-option>

For more information about Sagire AI and the SagireEdge™ AI 600, please visit Sagire AI's website. www.sagire.ai

About Sagire AI Inc

Sagire AI Inc. is a leading provider of advanced edge AI solutions, empowering businesses to unlock the full potential of artificial intelligence in IoT systems. With a focus on accelerating AI adoption at the edge, Sagire AI offers advanced edge AI computer systems, expert development services, and the Sagire AI Studio software suite. Founded by industry veterans with a track record of success in edge AI computing, Sagire AI is committed to driving innovation and transforming industries through the power of AI and high-performance efficient edge computing.

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