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"Artificial Intelligence (AI)" is gradually becoming widespread in our daily lives, with common applications such as license plate recognition, crowd detection, and facial recognition. NVIDIA CEO Jensen Huang emphasized at COMPUTEX 2024 that "AI will transform the 60-year-old computer industry." This not only makes us deeply feel how AI is changing the world but also signals the upcoming infinite potential for applications.

The AIR6N0 AI Edge High-Performance Computing Platform is powered by NVIDIA Jetson Orin NX and offers advantages such as "high-performance computing," "compact size," "flexible configuration," and "40+ pre-trained AI models," effectively enhancing development efficiency and unlocking endless possibilities for various AI applications.

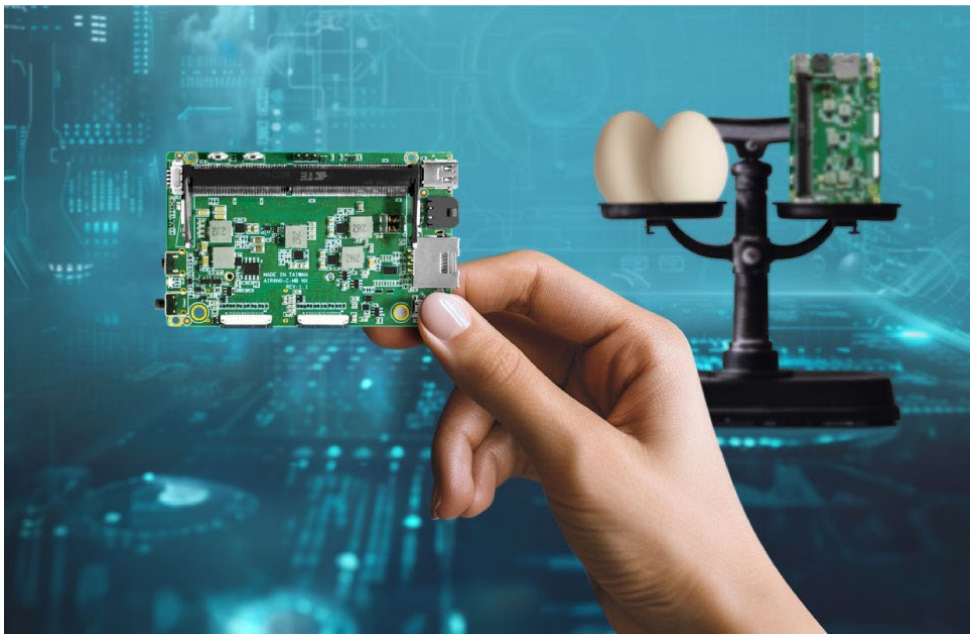
# AIR6N0 AI Edge High-Performance Computing Platform

The NVIDIA® Jetson Orin™ NX platform provides up to 100/70 TOPS of computing power with ultra-low latency (≤50ms), perfectly meeting the AI edge computing requirements for computational power, especially suitable for remote control applications such as automotive and drones.

The AIR6N0-C-MB NX high-performance computing platform can simultaneously run 3 to 4 AI models with 4K 60 video resolution, demonstrating outstanding performance and processing capability.

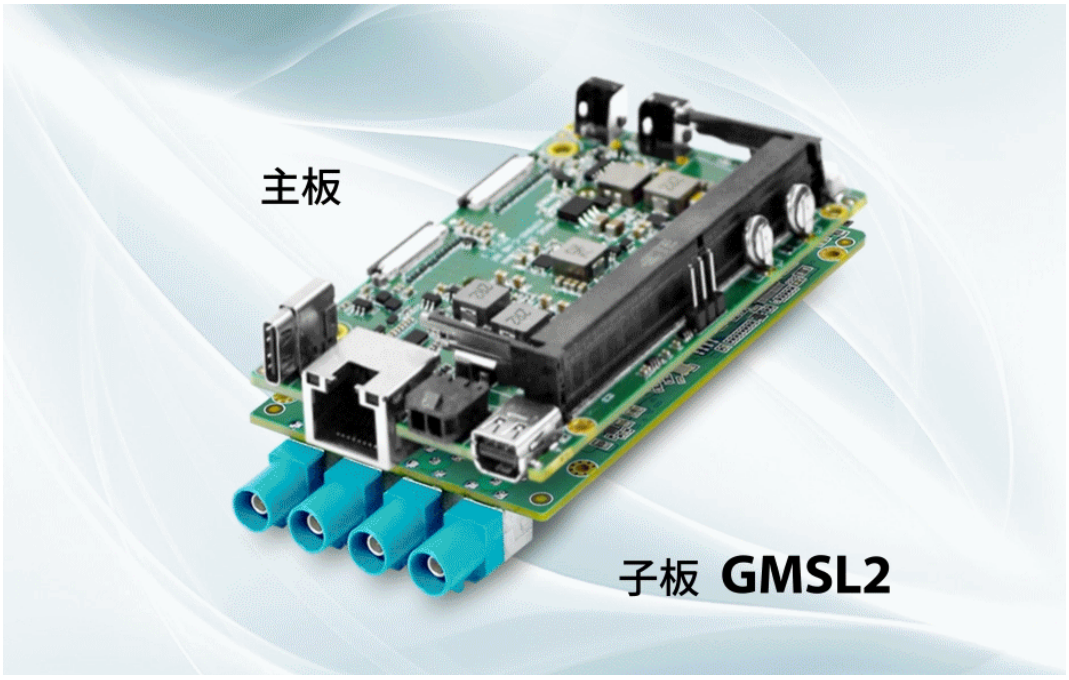
## Credit card size, egg-like lightweight

With dimensions of just 9.0 x 5.5 x 1.3 cm and weighing approximately 100g, this design overcomes size limitations, resulting in a compact and lightweight perfect product.



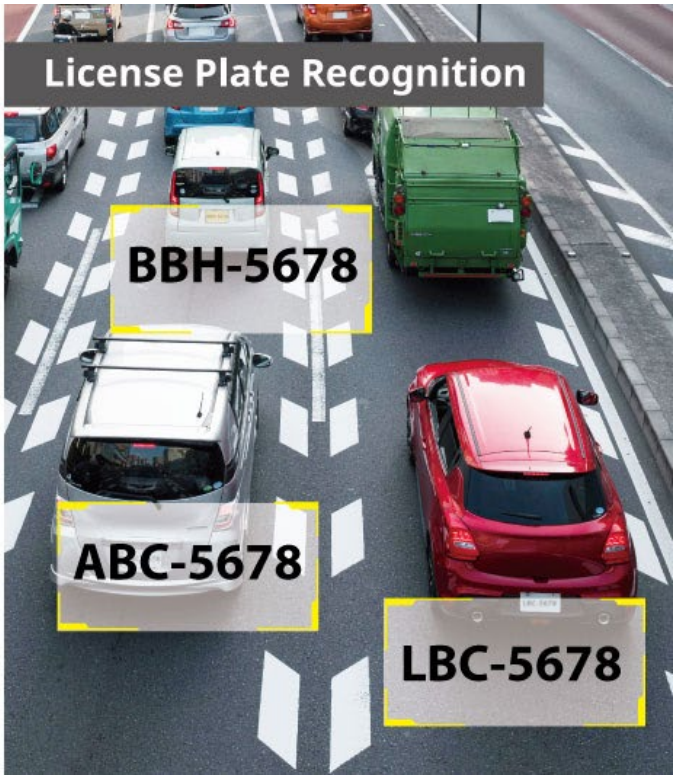
## Flexible design, free combination.

During edge computing, video input devices are required to collect data, which is then transmitted via network communication. Additionally, various I/O ports are needed to connect different peripheral devices. We integrate various functional modules and over 10 types of I/O daughter boards to provide a complete hardware kit, meeting a wide range of application needs.



# Rich collection of pre-trained AI models

With over 40 pre-trained AI models, developers can integrate systems for various needs, accelerating customer adoption of AI applications.



# Diverse application fields

With the development of 5G networks and artificial intelligence technologies, the application of edge computing will become increasingly widespread, complementing cloud computing and jointly driving the popularization of digital transformation and intelligent applications. Edge computing will play a more critical role in improving computing efficiency, optimizing user experience, and driving digital innovation across various industries.

Broadcasting

Education

Medical

Industrial Manufacturing

Retail

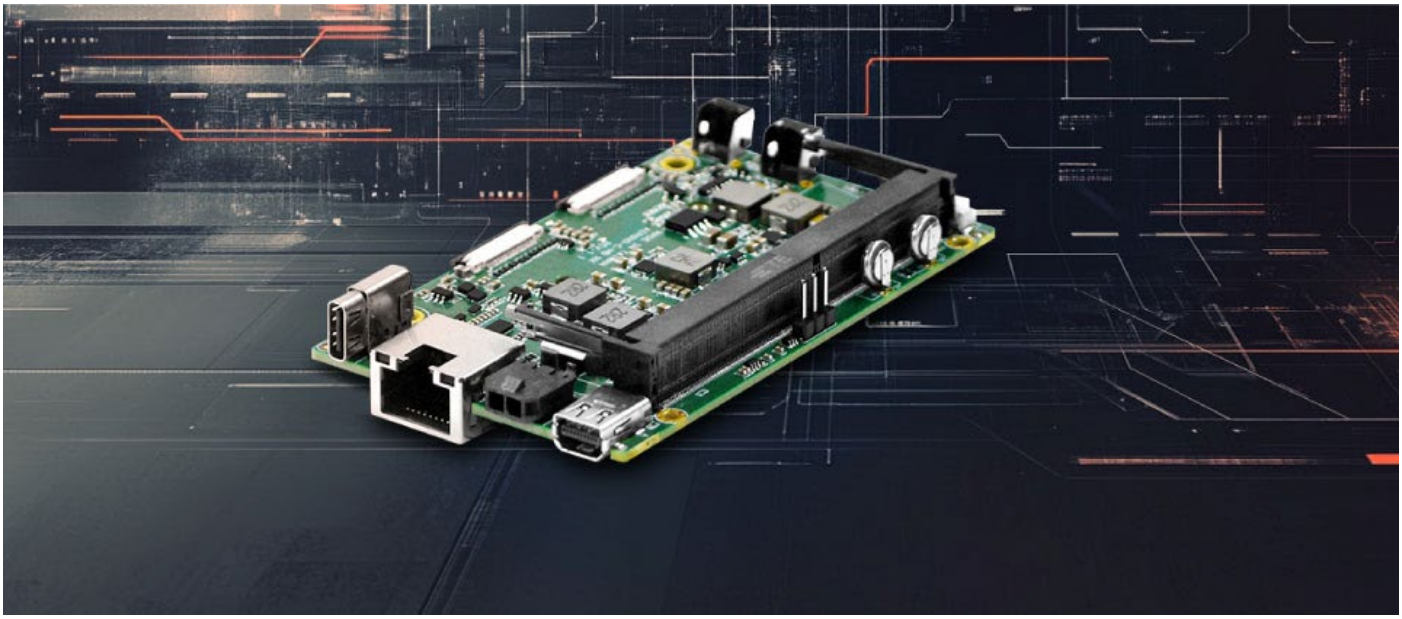
Agriculture

Smart City

Transportation

# Fast development, real-time market launch.

We provide BSP (Board Support Package) services, offering hardware initialization, operating system, and driver environment loading for development boards. By optimizing hardware configuration for performance and compatibility, we enable users to quickly deploy software on the platform, accelerating the product development process.



# AIR6N0-C-MB NX series products

AIR6N0-C-MB NX

AIR6N0-C-MB NX 2×GigE

AIR6N0-C-MB NX 4xGMSL2

AIR6N0-C-MB NX 4xHDMI

AIR6N0-C-MB NX 4xTVI

AIR6N0-C-MB NX 4xUSB3.2

AIR6N0-C-MB NX 12G-SDI

AIR6N0-C-MB NX 12G-SDI QL

AIR6N0-C-MB NX HDMI2.0

AIR6N0-C-MB NX HDMI2.1